

| | | |
|---|-------------------------------|---------------------------------|
| UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | <i>Attorney Docket No.</i> | ALI-001CIP1CIP1CON1 |
| | <i>First Inventor</i> | RICHARD LEE DRYSDALE |
| | <i>Title</i> | COMPONENT PROTECTIVE OVERMOL... |
| | <i>Express Mail Label No.</i> | N/A |

| | |
|--|---|
| APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i> 1. <input type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages <u>34</u>] Both the claims and abstract must start on a new page (For information on the preferred arrangement, see MPEP 608.01(a)) 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>12</u>] 5. Oath or Declaration [Total Sheets <u>12</u>] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> A copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) <input type="checkbox"/> Landscape Table on CD 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, items a. – c. are required) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: <u>13/135,728</u> Prior application information: Examiner <u>MURATA, Austin</u> Art Unit: <u>1712</u> | ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) Name of Assignee _____ 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (PTO/SB/08 or PTO-1449) <input type="checkbox"/> Copies of citations attached 13. <input type="checkbox"/> Preliminary Amendment 14. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or equivalent. 17. <input checked="" type="checkbox"/> Other: <u>PTO/SB/424: Certification and Request for</u> <u>Prioritized Examination (Track I)</u> |
| 19. CORRESPONDENCE ADDRESS <input checked="" type="checkbox"/> The address associated with Customer Number: <u>15516</u> OR <input type="checkbox"/> Correspondence address below Name _____ Address _____ City _____ State _____ Zip Code _____ Country _____ Telephone _____ Email _____ Signature _____ Date <u>March 22, 2012</u> Name (Print/Type) <u>Chien-Ju Alice Chuang</u> Registration No. (Attorney/Agent) <u>65,914</u> | |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**CERTIFICATION AND REQUEST
FOR PRIORITIZED EXAMINATION (TRACK I)** (Page 1 of 1)

| | | | |
|-----------------------|--|---|------------|
| First Named Inventor: | Richard Lee Drysdale | Nonprovisional Application Number (if known): | Unassigned |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE... | | |

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION (TRACK I) FOR THE ABOVE-IDENTIFIED APPLICATION.

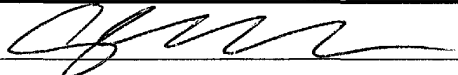
1. (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a). This certification and request is being filed with the utility application via EFS-Web.

OR

(b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper. (Note: Plant applications cannot be filed via EFS-Web.)

Note: The following are excluded from the Track I program: design applications, provisional applications, national stage applications, PCT international applications, reissue applications, and reexamination proceedings.

2. The following fees (in amounts consistent with the current fee schedule available at <http://www.uspto.gov/about/offices/cfo/finance/fees.jsp>) are filed with the application: (1) basic filing fee; (2) search fee; (3) examination fee; (4) any required excess claims fees; (5) any required application size fee; (6) publication fee; (7) processing fee (Track I) set forth in 37 CFR 1.17(i); and (8) prioritized examination fee (Track I) set forth in 37 CFR 1.17(c).
3. An executed oath or declaration under 37 CFR 1.63 is filed with the application.
4. The application contains or is amended to contain no more than four independent claims and no more than thirty total claims, and no multiple dependent claims.

| | |
|---|--|
| Signature  | Date March 22, 2012 |
| Name (Print/Typed) Chien-Ju Alice Chuang | Practitioner Registration Number 65,914 |
| Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*. | |
| <input checked="" type="checkbox"/> *Total of <u>1</u> forms are submitted. | |

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As below named inventor,

I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS**, the specification of which

(Check One) ☐ is attached hereto OR

☒ was filed on July 12, 2011 and assigned Application Serial No. 13/135,728.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign applications for patent or inventor's certificate, listed below and so identified, and I have also identified below any foreign application for patent or inventor's certificate on this invention filed by my or my legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

| Number | Country | Day/Month/Year Filed | Priority Claimed - Yes or No |
|--------|---------|-------------------------|---------------------------------|
| | | | |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| Application Serial No. | Filing Date | Status |
|------------------------|---------------|---------|
| 13/158,372 | June 10, 2011 | Pending |
| 13/158,416 | June 11, 2011 | Pending |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States provisional application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior provisional application and the filing date of this application.

| Provisional Application No. | Filing Date | Status |
|-----------------------------|-------------|--------|
| | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint all attorneys associated with

Customer Number 15516

with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith; and

request that all correspondence and telephone calls with respect to this application be directed to

Customer Number 15516

Scott S. Kokka
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301
Telephone No. (650) 566-9921
Facsimile No. (650) 566-9922

| | | | | |
|--|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name RICHARD | MIDDLE Initial LEE | LAST Name DRYSDALE | |
| RESIDENCE & CITIZENSHIP | City Santa Cruz | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 235 Isbel Drive | City Santa Cruz | State or Country CA | Zip Code 95060 |
| INVENTOR'S SIGNATURE <i>Richard Drysdale</i> | | | DATE <i>8/29/2011</i> | |

| | | | | |
|---------------------------------------|---------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name SCOTT | MIDDLE Initial | LAST Name FULLAM | |
| RESIDENCE & CITIZENSHIP | City Palo Alto | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 3982 Sutherland Dr. | City Palo Alto | State or Country CA | Zip Code 94303 |
| INVENTOR'S SIGNATURE _____ DATE _____ | | | | |

| | | | | |
|---------------------------------------|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name SKIP | MIDDLE Initial THOMAS | LAST Name ORVIS | |
| RESIDENCE & CITIZENSHIP | City San Jose | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 6287 Shadelands Drive | City San Jose | State or Country CA | Zip Code 95123 |
| INVENTOR'S SIGNATURE _____ DATE _____ | | | | |

| | | | | |
|---------------------------------------|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name NORA | MIDDLE Initial ELAM | LAST Name LEVINSON | |
| RESIDENCE & CITIZENSHIP | City Washington | State or Foreign Country DC | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 3731 Fessenden St. NW | City Washington | State or Country DC | Zip Code 20016 |
| INVENTOR'S SIGNATURE _____ DATE _____ | | | | |

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As below named inventor,

I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS**, the specification of which

(Check One) ☐ is attached hereto OR

☒ was filed on July 12, 2011 and assigned Application Serial No. 13/135,728.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign applications for patent or inventor's certificate, listed below and so identified, and I have also identified below any foreign application for patent or inventor's certificate on this invention filed by my or my legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

| Number | Country | Day/Month/Year Filed | Priority Claimed - Yes or No |
|--------|---------|-------------------------|---------------------------------|
| | | | |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| Application Serial No. | Filing Date | Status |
|------------------------|---------------|---------|
| 13/158,372 | June 10, 2011 | Pending |
| 13/158,416 | June 11, 2011 | Pending |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States provisional application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior provisional application and the filing date of this application.

| Provisional Application No. | Filing Date | Status |
|-----------------------------|-------------|--------|
| | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint all attorneys associated with

Customer Number 15516

with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith; and

request that all correspondence and telephone calls with respect to this application be directed to

Customer Number 15516

Scott S. Kokka
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301
Telephone No. (650) 566-9921
Facsimile No. (650) 566-9922

| | | | | |
|----------------------------|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name RICHARD | MIDDLE Initial LEE | LAST Name DRYSDALE | |
| RESIDENCE & CITIZENSHIP | City Santa Cruz | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 235 Isabel Drive | City Santa Cruz | State or Country CA | Zip Code 95060 |
| INVENTOR'S SIGNATURE _____ | | | DATE _____ | |

| | | | | |
|---|---------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name SCOTT | MIDDLE Initial | LAST Name FULLAM | |
| RESIDENCE & CITIZENSHIP | City Palo Alto | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 3982 Sutherland Dr. | City Palo Alto | State or Country CA | Zip Code 94303 |
| INVENTOR'S SIGNATURE <u><i>Scott Fullam</i></u> | | DATE <u>8/2/11</u> | | |

| | | | | |
|----------------------------|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name SKIP | MIDDLE Initial THOMAS | LAST Name ORVIS | |
| RESIDENCE & CITIZENSHIP | City San Jose | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 6287 Shadelands Drive | City San Jose | State or Country CA | Zip Code 95123 |
| INVENTOR'S SIGNATURE _____ | | DATE _____ | | |

| | | | | |
|----------------------------|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name NORA | MIDDLE Initial ELAM | LAST Name LEVINSON | |
| RESIDENCE & CITIZENSHIP | City Washington | State or Foreign Country DC | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 3731 Fessenden St. NW | City Washington | State or Country DC | Zip Code 20016 |
| INVENTOR'S SIGNATURE _____ | | DATE _____ | | |

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As below named inventor,

I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS**, the specification of which

(Check One) ☐ is attached hereto OR

☒ was filed on July 12, 2011 and assigned Application Serial No. 13/135,728.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign applications for patent or inventor's certificate, listed below and so identified, and I have also identified below any foreign application for patent or inventor's certificate on this invention filed by my or my legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

| Number | Country | Day/Month/Year Filed | Priority Claimed - Yes or No |
|--------|---------|-------------------------|---------------------------------|
| | | | |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| Application Serial No. | Filing Date | Status |
|------------------------|---------------|---------|
| 13/158,372 | June 10, 2011 | Pending |
| 13/158,416 | June 11, 2011 | Pending |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States provisional application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior provisional application and the filing date of this application.

| Provisional Application No. | Filing Date | Status |
|-----------------------------|-------------|--------|
| | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint all attorneys associated with

Customer Number 15516

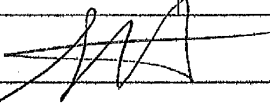
with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith; and

request that all correspondence and telephone calls with respect to this application be directed to

Customer Number 15516

Scott S. Kokka
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301
Telephone No. (650) 566-9921
Facsimile No. (650) 566-9922

| | | | | |
|----------------------------|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name RICHARD | MIDDLE Initial LEE | LAST Name DRYSDALE | |
| RESIDENCE & CITIZENSHIP | City Santa Cruz | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 235 Isbel Drive | City Santa Cruz | State or Country CA | Zip Code 95060 |
| INVENTOR'S SIGNATURE _____ | | | DATE _____ | |

| | | | | |
|--|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name SCOTT | MIDDLE Initial | LAST Name FULLAM | |
| RESIDENCE & CITIZENSHIP | City Palo Alto | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 3982 Sutherland Dr. | City Palo Alto | State or Country CA | Zip Code 94303 |
| INVENTOR'S SIGNATURE _____ DATE _____ | | | | |
| FULL NAME OF INVENTOR | FIRST Name SKIP | MIDDLE Initial THOMAS | LAST Name ORVIS | |
| RESIDENCE & CITIZENSHIP | City San Jose | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 6287 Shadelands Drive | City San Jose | State or Country CA | Zip Code 95123 |
| INVENTOR'S SIGNATURE  _____ DATE <u>8/13/11</u> | | | | |
| FULL NAME OF INVENTOR | FIRST Name NORA | MIDDLE Initial ELAM | LAST Name LEVINSON | |
| RESIDENCE & CITIZENSHIP | City Washington | State or Foreign Country DC | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 3731 Fessenden St. NW | City Washington | State or Country DC | Zip Code 20016 |
| INVENTOR'S SIGNATURE _____ DATE _____ | | | | |

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As below named inventor,

I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS**, the specification of which

(Check One) ☐ is attached hereto OR

☒ was filed on July 12, 2011 and assigned Application Serial No. 13/135,728.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign applications for patent or inventor's certificate, listed below and so identified, and I have also identified below any foreign application for patent or inventor's certificate on this invention filed by my or my legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

| Number | Country | Day/Month/Year Filed | Priority Claimed - Yes or No |
|--------|---------|-------------------------|---------------------------------|
| | | | |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| Application Serial No. | Filing Date | Status |
|------------------------|---------------|---------|
| 13/158,372 | June 10, 2011 | Pending |
| 13/158,416 | June 11, 2011 | Pending |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States provisional application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior provisional application and the filing date of this application.

| Provisional Application No. | Filing Date | Status |
|-----------------------------|-------------|--------|
| | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint all attorneys associated with

Customer Number 15516

with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith; and

request that all correspondence and telephone calls with respect to this application be directed to

Customer Number 15516

Scott S. Kokka
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301
Telephone No. (650) 566-9921
Facsimile No. (650) 566-9922

| | | | | |
|----------------------------|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name RICHARD | MIDDLE Initial LEE | LAST Name DRYSDALE | |
| RESIDENCE & CITIZENSHIP | City Santa Cruz | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 235 Isabel Drive | City Santa Cruz | State or Country CA | Zip Code 95060 |
| INVENTOR'S SIGNATURE _____ | | | DATE _____ | |

| | | | | |
|--|-----------------------|--------------------------------|-------------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST Name SCOTT | MIDDLE Initial | LAST Name FULLAM | |
| RESIDENCE & CITIZENSHIP | City Palo Alto | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 3982 Sutherland Dr. | City Palo Alto | State or Country CA | Zip Code 94303 |
| INVENTOR'S SIGNATURE _____ DATE _____ | | | | |
| FULL NAME OF INVENTOR | FIRST Name SKIP | MIDDLE Initial THOMAS | LAST Name ORVIS | |
| RESIDENCE & CITIZENSHIP | City San Jose | State or Foreign Country CA | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 6287 Shadelands Drive | City San Jose | State or Country CA | Zip Code 95123 |
| INVENTOR'S SIGNATURE _____ DATE _____ | | | | |
| FULL NAME OF INVENTOR | FIRST Name NORA | MIDDLE Initial ELAM | LAST Name LEVINSON | |
| RESIDENCE & CITIZENSHIP | City Washington | State or Foreign Country DC | Country of Citizenship USA | |
| POST OFFICE ADDRESS | 3731 Fessenden St. NW | City Washington | State or Country DC | Zip Code 20016 |
| INVENTOR'S SIGNATURE <u>Nora E Lam</u> DATE <u>August 22, 2011</u> | | | | |

Application Data Sheet

Cross-Reference to Related Applications

This application is a continuation of U.S. Patent Application No. 13/135,728, filed July 12, 2011 (Attorney Docket No. ALI-001CIP1CIP1), entitled "Component Protective Overmolding Using Protective External Coatings," which is a continuation-in-part of U.S. Patent Application No. 13/158,416, filed June 11, 2011 (Attorney Docket No.: ALI-001CIP1), entitled "Component Protective Overmolding," which is a continuation-in-part of U.S. Patent Application No. 13/158,372, filed June 10, 2011 (Attorney Docket No.: ALI-001), entitled "Component Protective Overmolding," all of which are hereby incorporated by reference in entirety for all purposes.

Application Information

| | |
|---|---|
| Filing Date:: | March 22, 2012 |
| Application Type:: | Regular |
| Subject Matter:: | Utility |
| Suggested Group Art Unit:: | None |
| CD-ROM or CD-R?:: | None |
| Title:: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| Attorney Docket Number:: | ALI-001CIP1CIP1CON1 |
| Request for Early Publication?:: | No |
| Request for Non-Publication?:: | No |
| Suggested Drawing Figure:: | 6D |
| Total Drawing Sheets:: | 12 |
| Small Entity:: | No |
| Petition included?:: | No |

Secrecy Order in Parent Appl.?:: No

Applicant Information

Applicant Authority type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: Richard Lee
Family Name:: Drysdale
City of Residence:: Santa Cruz
State or Province of Residence:: CA
Country of Residence:: United States of America
Street of mailing address:: 235 Isbel Drive
City of mailing address:: Santa Cruz
Country of mailing address:: United States of America
State or Province of mailing address:: CA
Postal or Zip Code of mailing address:: 95060

Applicant Authority type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: Scott
Family Name:: Fullam
City of Residence:: Palo Alto
State or Province of Residence:: CA

Country of Residence:: United States of America
Street of mailing address:: 3982 Sutherland Drive
City of mailing address:: Palo Alto
Country of mailing address:: United States of America
State or Province of mailing address:: CA
Postal or Zip Code of mailing address:: 94303

Applicant Authority type:: Inventor
Primary Citizenship Country:: United States of America
Status:: Full Capacity
Given Name:: Skip Thomas
Family Name:: Orvis
City of Residence:: San Jose
State or Province of Residence:: CA
Country of Residence:: United States of America
Street of mailing address:: 6287 Shadelands Drive
City of mailing address:: San Jose
Country of mailing address:: United States of America
State or Province of mailing address:: CA
Postal or Zip Code of mailing address:: 95123

Applicant Authority type:: Inventor
Primary Citizenship Country:: United States of America

| | |
|--|--------------------------|
| Status:: | Full Capacity |
| Given Name:: | Nora Elam |
| Family Name:: | Levinson |
| City of Residence:: | Washington |
| State or Province of Residence:: | DC |
| Country of Residence:: | United States of America |
| Street of mailing address:: | 3731 Fessenden Street NW |
| City of mailing address:: | Washington |
| Country of mailing address:: | United States of America |
| State or Province of mailing address:: | DC |
| Postal or Zip Code of mailing address:: | 20016 |

Correspondence Information

| | |
|--|--------------------|
| Customer Number:: | 15516 |
| Name:: | Kokka & Backus, PC |
| Street of mailing address:: | 703 High Street |
| City of mailing address:: | Palo Alto |
| Country of mailing address:: | USA |
| State or Province of mailing address:: | CA |
| Postal or Zip Code of mailing address:: | 94301 |
| Telephone:: | (650) 585-2359 |
| Fax:: | (650) 566-9922 |

Representative Information

Representative Customer Number:: 15516

| Representative Designation:: | Registration Number:: | Name:: |
|---|------------------------------|-----------------------|
| Primary | 65,914 | Chien-Ju Alice Chuang |

Assignee Information

Name:: AliphCom

Mailing address:: 99 Rhode Island Street, 3rd Floor, San Francisco, CA 94103

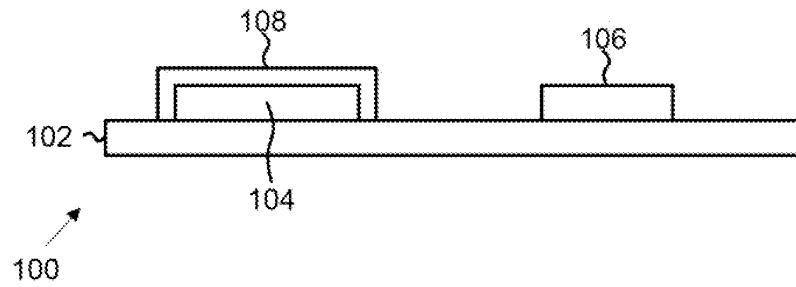


FIG. 1

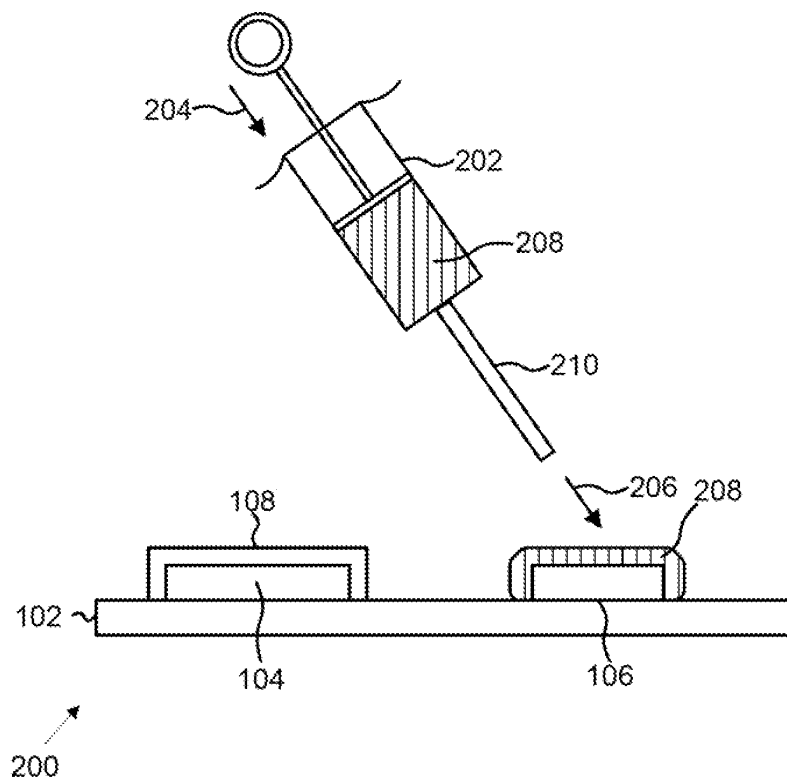


FIG. 2

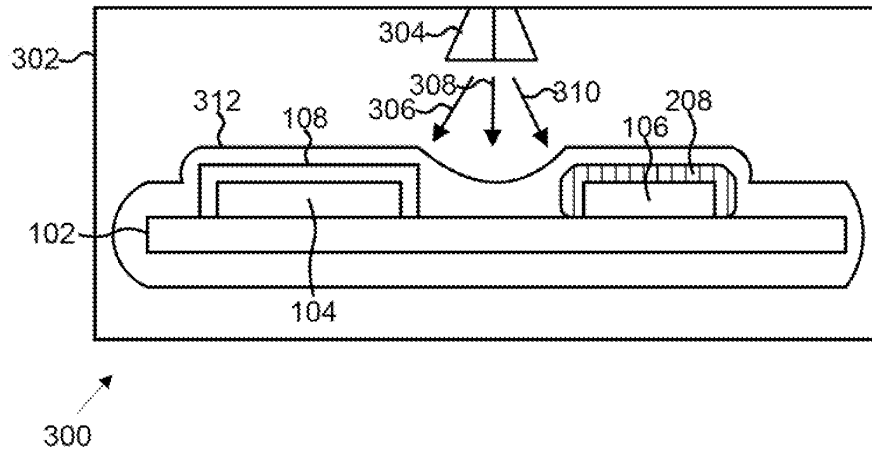


FIG. 3

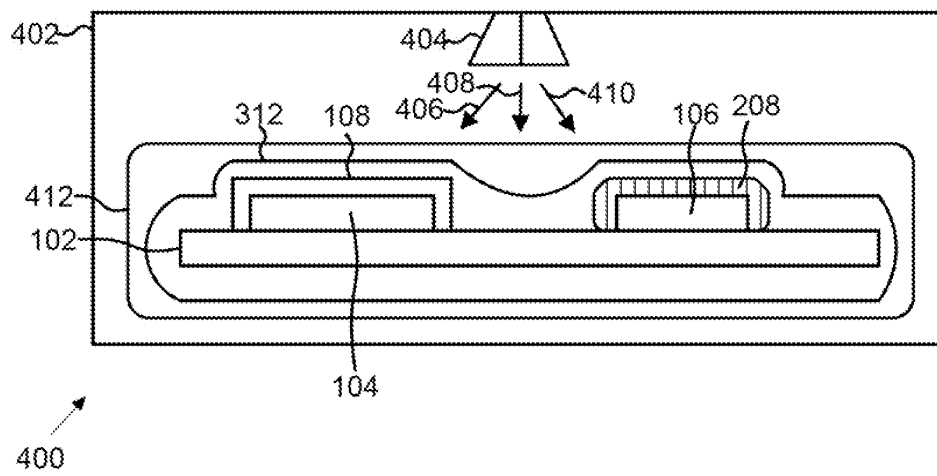


FIG. 4

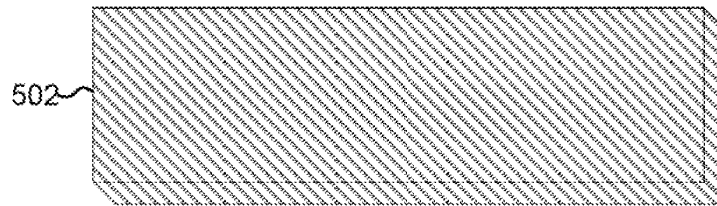


FIG. 5A

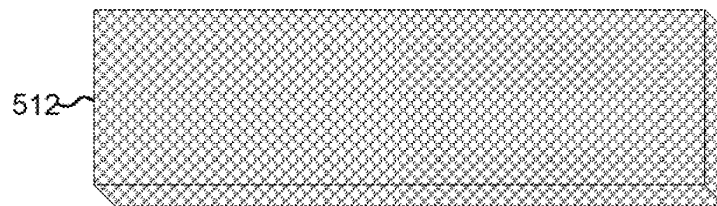


FIG. 5B

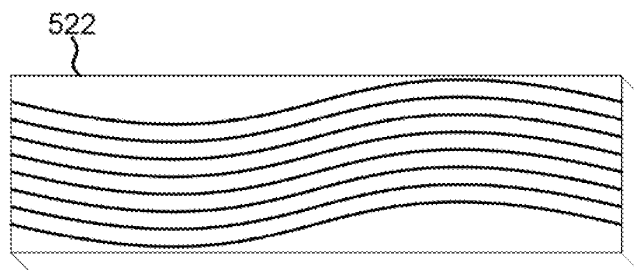
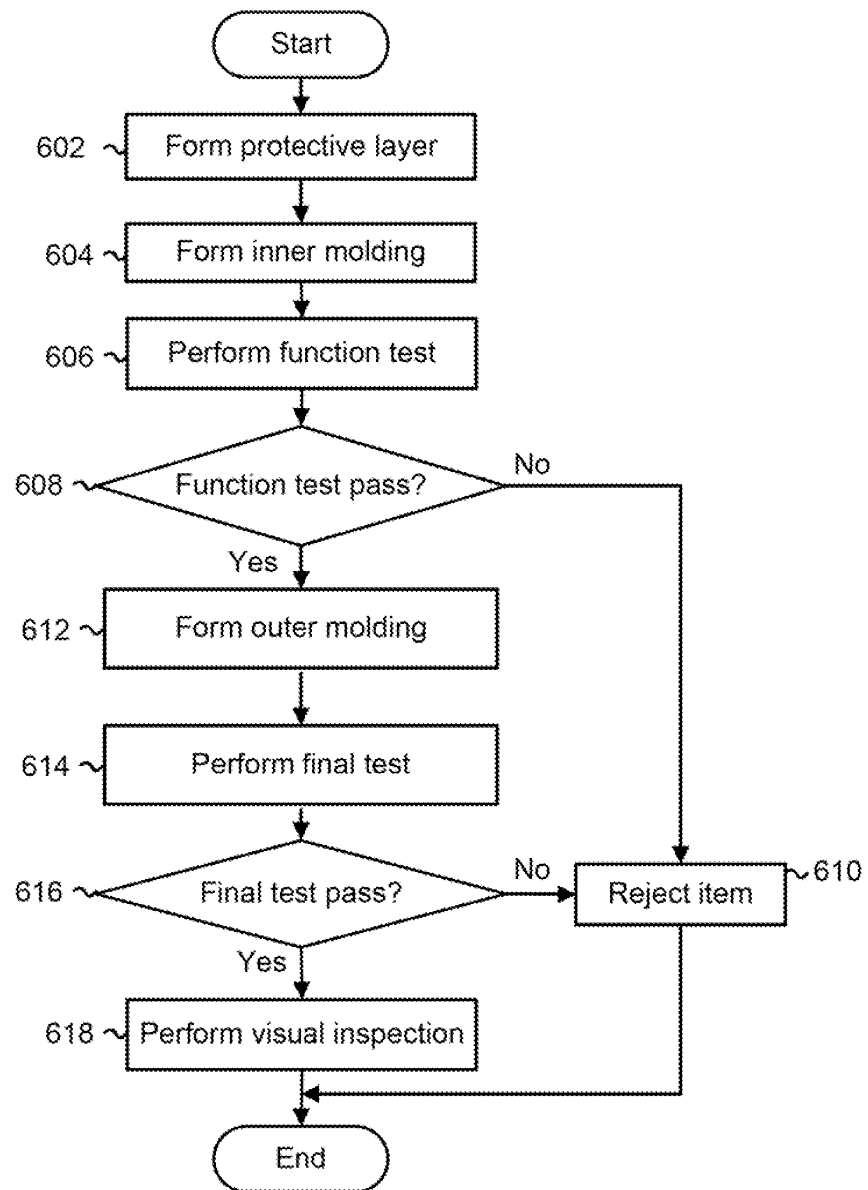


FIG. 5C



600

FIG. 6A

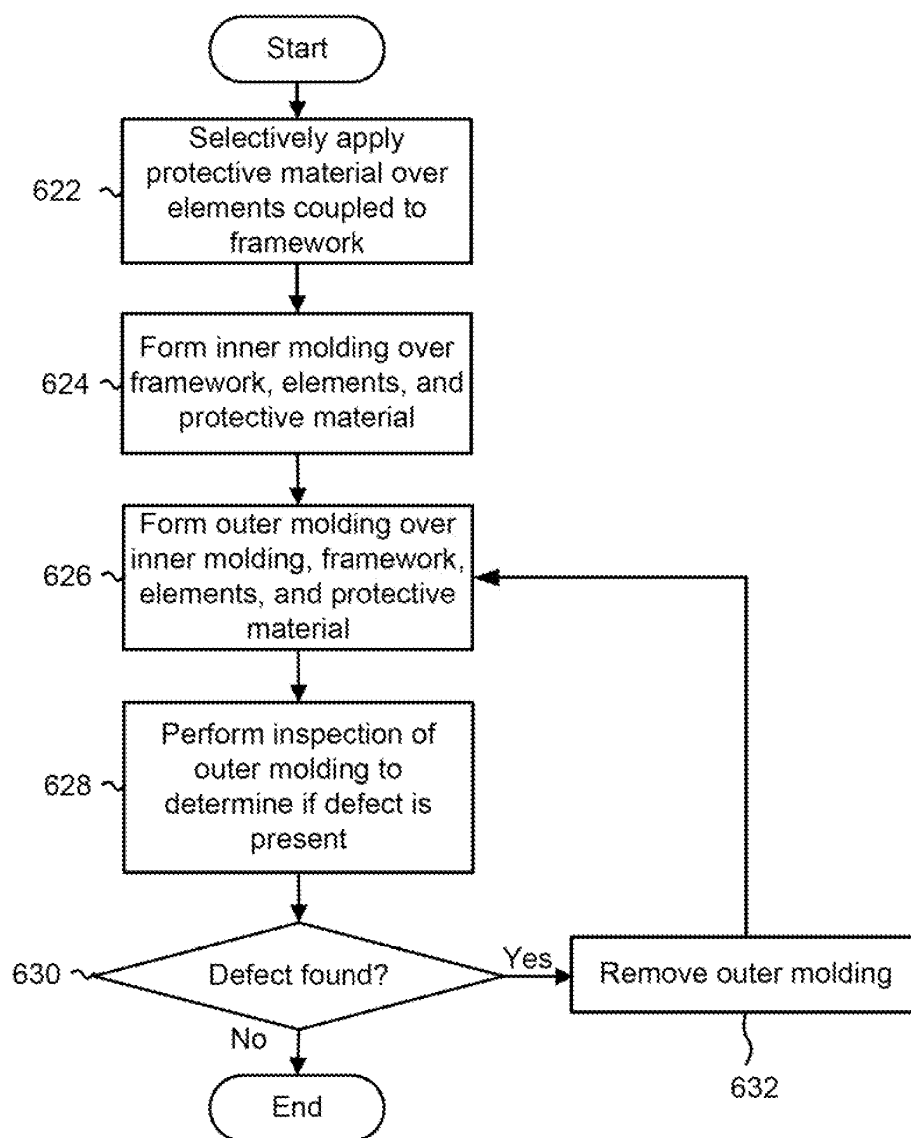
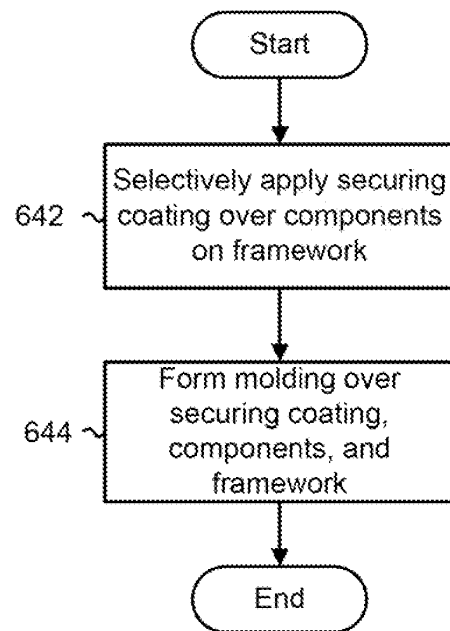


FIG. 6B



640 ↗

FIG. 6C

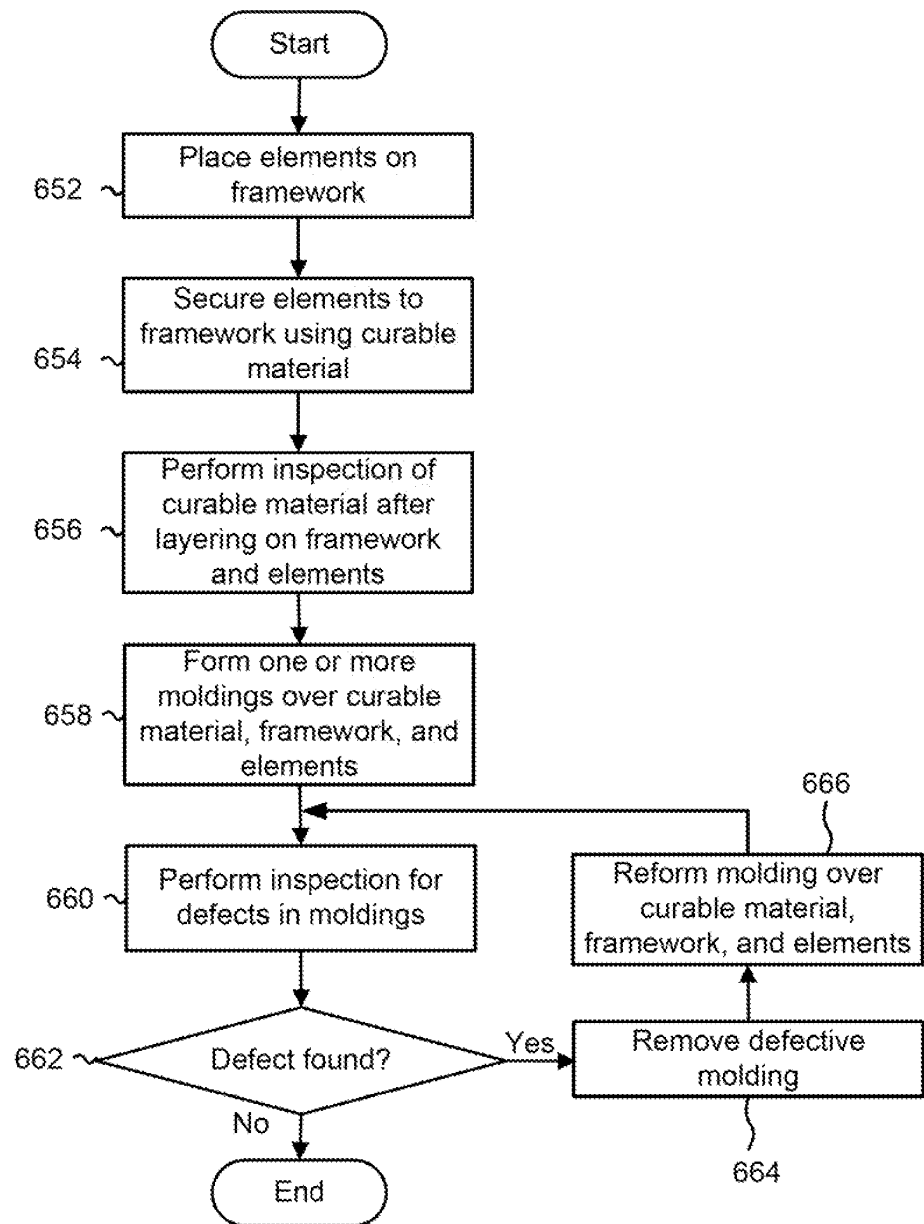


FIG. 6D

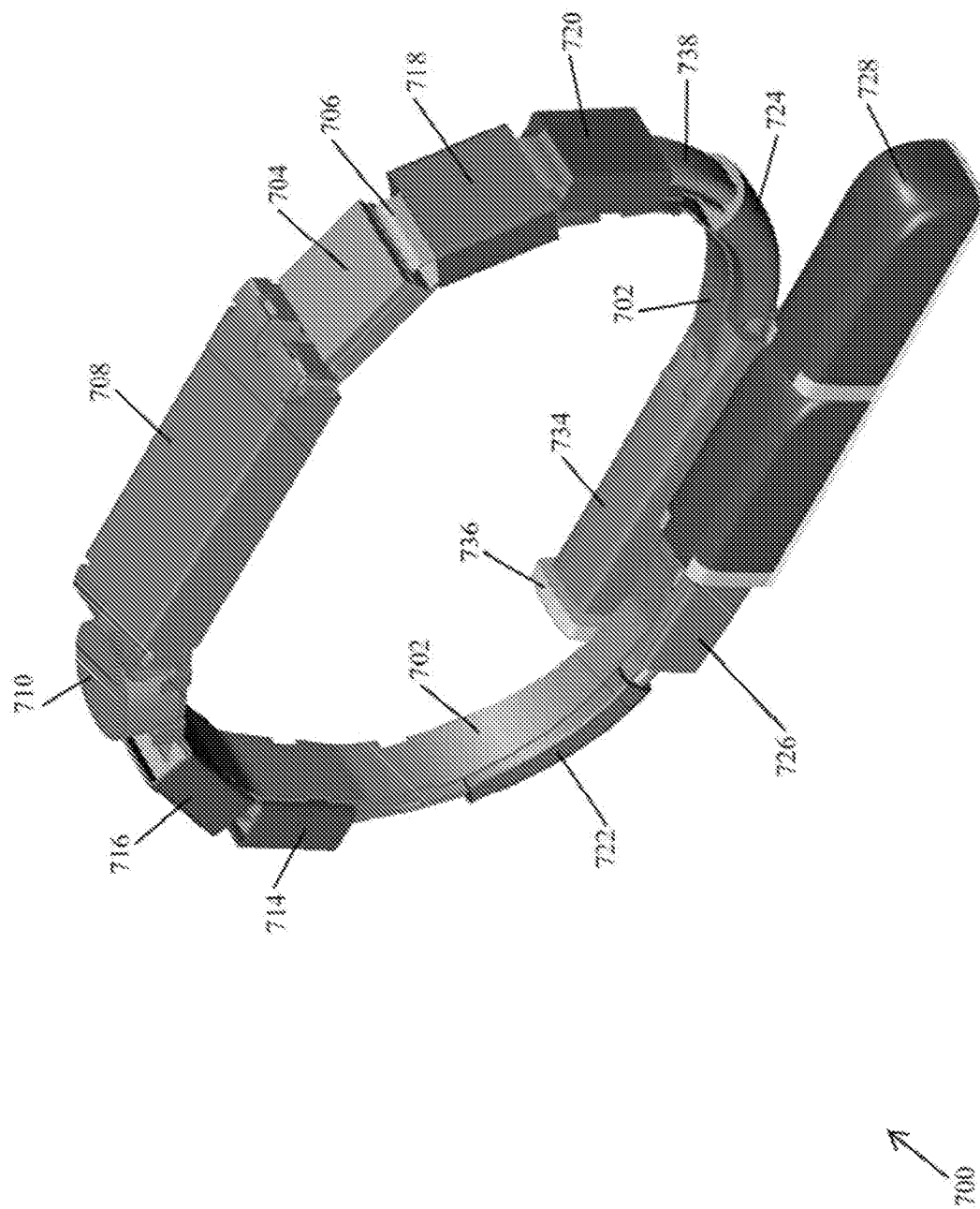


FIG. 7

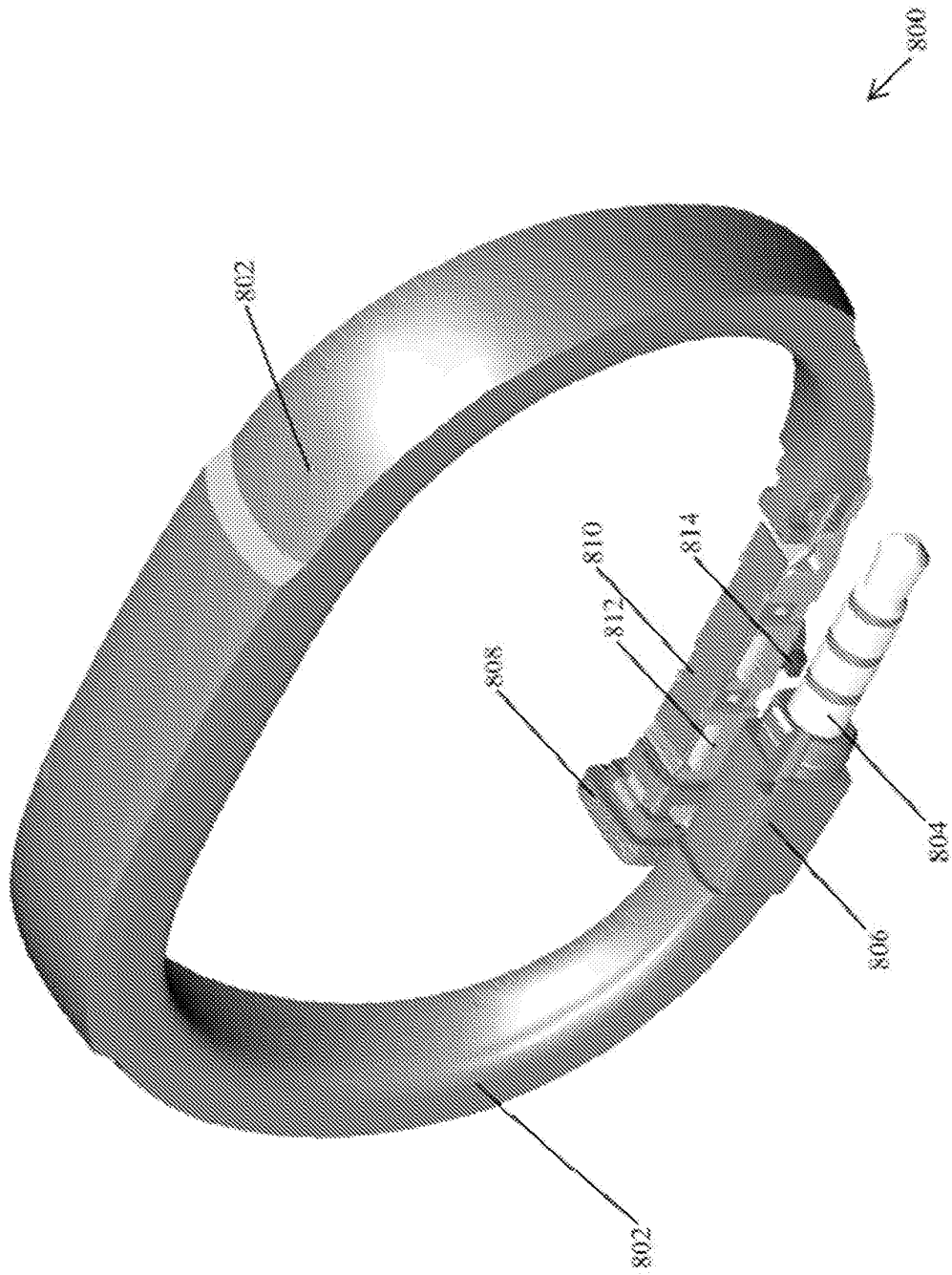


FIG. 8

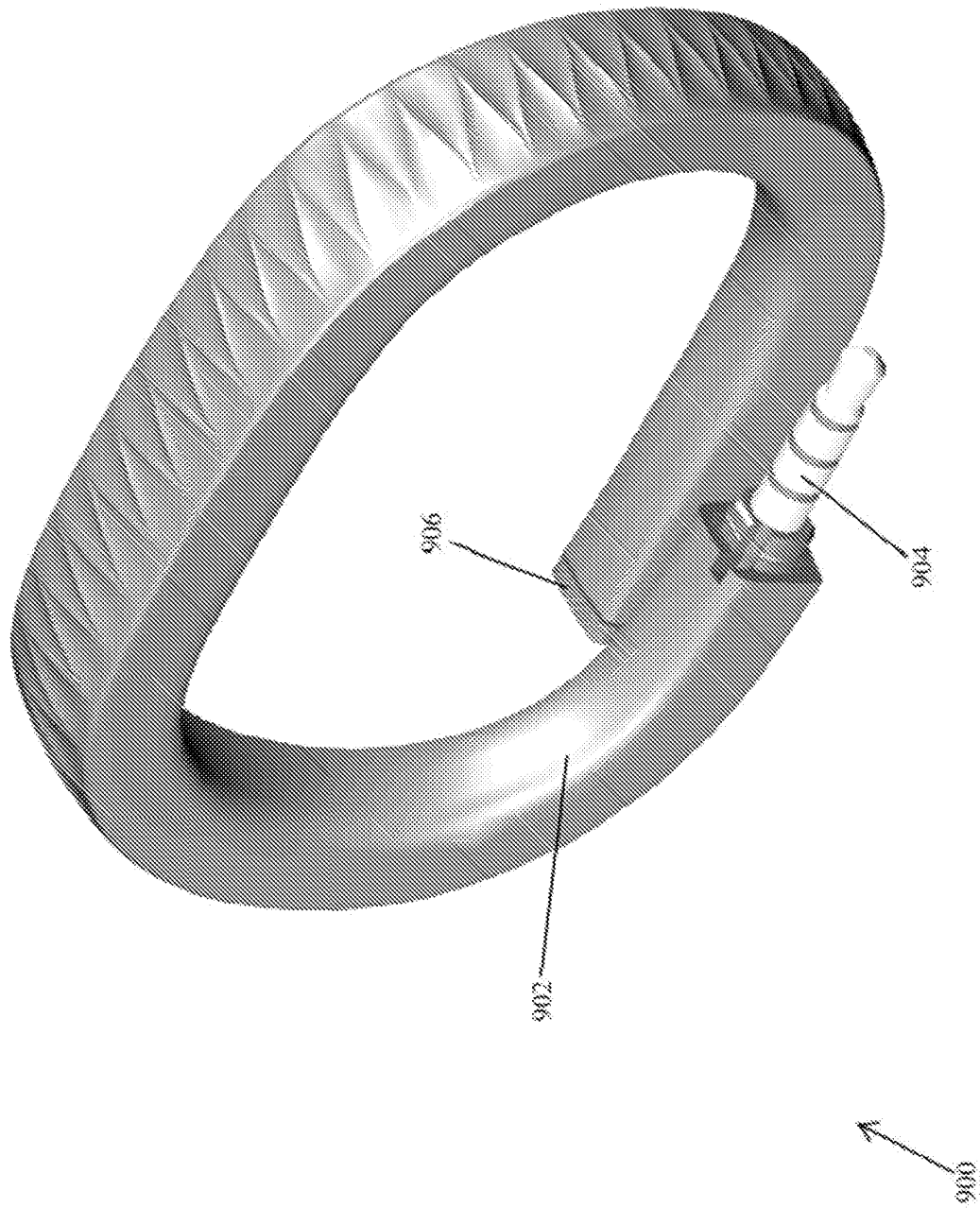


FIG. 9

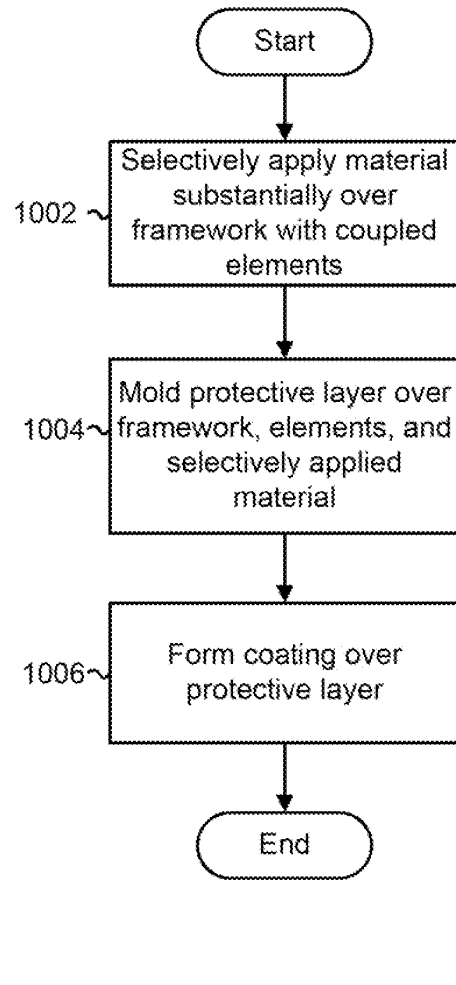


FIG. 10

12/12

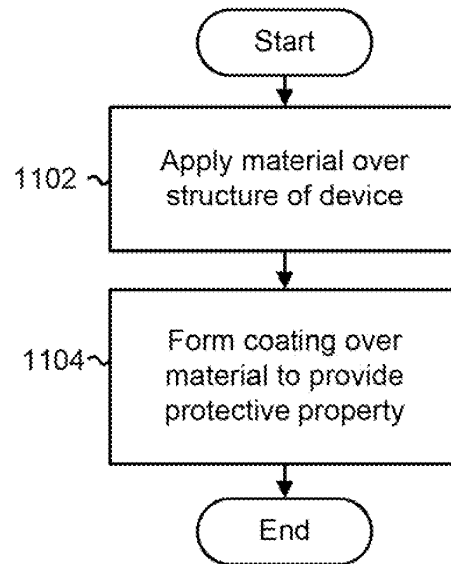


FIG. 11

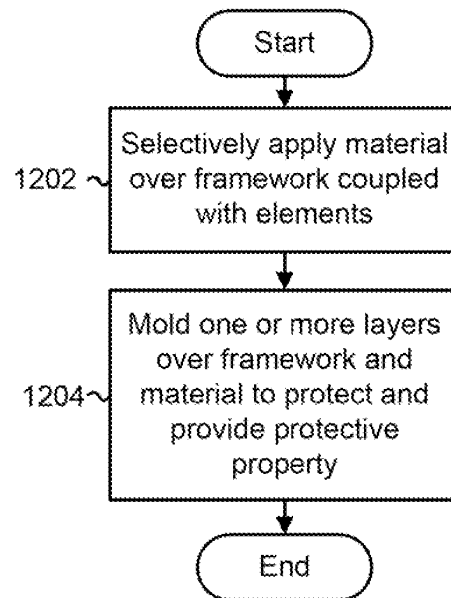


FIG. 12

| Electronic Patent Application Fee Transmittal | | | | |
|--|----------|---|--------|----------------------|
| Application Number: | | | | |
| Filing Date: | | | | |
| Title of Invention: | | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS | | |
| First Named Inventor/Applicant Name: | | RICHARD LEE DRYSDALE | | |
| Filer: | | Chien-Ju Alice Chuang/Kate Cleland | | |
| Attorney Docket Number: | | ALI-001CIP1CIP1CON1 | | |
| Filed as Large Entity | | | | |
| Track I Prioritized Examination - Nonprovisional Application under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Utility application filing | 1011 | 1 | 380 | 380 |
| Utility Search Fee | 1111 | 1 | 620 | 620 |
| Utility Examination Fee | 1311 | 1 | 250 | 250 |
| Request for Prioritized Examination | 1817 | 1 | 4800 | 4800 |
| Pages: | | | | |
| Claims: | | | | |
| Claims in excess of 20 | 1202 | 5 | 60 | 300 |
| Miscellaneous-Filing: | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|--|----------|----------|--------|----------------------|
| Publ. Fee- early, voluntary, or normal | 1504 | 1 | 300 | 300 |
| Processing Fee, except for Provis. apps | 1808 | 1 | 130 | 130 |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |
| Extension-of-Time: | | | | |
| Miscellaneous: | | | | |
| Total in USD (\$) | | | | 6780 |

| Electronic Acknowledgement Receipt | |
|--------------------------------------|---|
| EFS ID: | 12374909 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Chien-Ju Alice Chuang |
| Filer Authorized By: | |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 22-MAR-2012 |
| Filing Date: | |
| Time Stamp: | 21:26:35 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$ 6780 |
| RAM confirmation Number | 7385 |
| Deposit Account | |
| Authorized User | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|----------------------------------|------------------|------------------|
|-----------------|----------------------|-----------|----------------------------------|------------------|------------------|

| | | | | | |
|------------------------------|---|---|---|-----|----|
| 1 | | ALI-001CIP1CIP1CON1_Application_asfiled.pdf | 13655488 | yes | 65 |
| | | | f93c7850c7ceceae6e646f7cc57fd1a479ce098dd | | |
| | Multipart Description/PDF files in .zip description | | | | |
| | Document Description | | Start | End | |
| | Transmittal of New Application | | 1 | 1 | |
| | TrackOne Request | | 2 | 2 | |
| | Oath or Declaration filed | | 3 | 14 | |
| | Application Data Sheet | | 15 | 19 | |
| | Specification | | 20 | 48 | |
| | Claims | | 49 | 52 | |
| | Abstract | | 53 | 53 | |
| | Drawings-only black and white line drawings | | 54 | 65 | |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | Fee Worksheet (SB06) | fee-info.pdf | 41862 | no | 2 |
| | | | f6cb6d3062726bc21647110fb825c1d58e06758 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| Total Files Size (in bytes): | | | 13697350 | | |

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

SCORE Placeholder Sheet for IFW Content

Application Number: 13427839

Document Date: 3/22/2012

The presence of this form in the IFW record indicates that the following document type was received in electronic format on the date identified above. This content is stored in the SCORE database.

- Drawings – Other than Black and White Line Drawings

Since this was an electronic submission, there is no physical artifact folder, no artifact folder is recorded in PALM, and no paper documents or physical media exist. The TIFF images in the IFW record were created from the original documents that are stored in SCORE.

To access the documents in the SCORE database, refer to instructions developed by SIRA.

At the time of document entry (noted above):

- Examiners may access SCORE content via the eDAN interface.
- Other USPTO employees can bookmark the current SCORE URL (<http://es/ScoreAccessWeb/>).
- External customers may access SCORE content via the Public and Private PAIR interfaces.

APPLICATION FOR UNITED STATES PATENT
COMPONENT PROTECTIVE OVERMOLDING USING
PROTECTIVE EXTERNAL COATINGS

By Inventors:

Richard Lee Drysdale
235 Isabel Drive
Santa Cruz, CA 95060
A Citizen of the United States of America

Scott Fullam
3982 Sutherland Drive
Palo Alto, CA 94303
A Citizen of the United States of America

Skip Thomas Orvis
6287 Shadelands Drive
San Jose, CA 95123
A Citizen of the United States of America

Nora Elam Levinson
3731 Fessenden Street NW
Washington, DC 20016
A Citizen of the United States of America

Assignee: AliphCom

KOKKA & BACKUS, PC
703 High Street
Palo Alto, CA 94301
Tel: (650) 566-9921

**COMPONENT PROTECTIVE OVERMOLDING USING
PROTECTIVE EXTERNAL COATINGS**

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of U.S. Patent Application No. 13/135,728,
5 filed July 12, 2011 (Attorney Docket No. ALI-001CIP1CIP1), entitled "Component
Protective Overmolding Using Protective External Coatings," which is a continuation-in-
part of U.S. Patent Application No. 13/158,416, filed June 11, 2011 (Attorney Docket
No.: ALI-001CIP1), entitled "Component Protective Overmolding," which is a
continuation-in-part of U.S. Patent Application No. 13/158,372, filed June 10, 2011
10 (Attorney Docket No.: ALI-001), entitled "Component Protective Overmolding," all of
which are hereby incorporated by reference in entirety for all purposes.

FIELD

[0002] The present invention relates generally to electrical and electronic hardware,
computer software, wired and wireless network communications, and computing devices.
15 More specifically, techniques for component protective overmolding using protective
external coatings are described.

BACKGROUND

[0003] With the advent of greater computing capabilities in smaller mobile form
factors and an increasing number of applications (i.e., computer and Internet software or
20 programs) for different uses, consumers (i.e., users) have access to large amounts of data,
personal or otherwise. Information and data are often readily available, but poorly
captured using conventional data capture devices. Conventional devices typically lack

capabilities that can record, store, analyze, communicate, or use data in a contextually-meaningful, comprehensive, and efficient manner. Further, conventional solutions are often limited to specific individual purposes or uses, demanding that users invest in multiple devices in order to perform different activities (e.g., a sports watch for tracking
5 time and distance, a GPS receiver for monitoring a hike or run, a cyclometer for gathering cycling data, and others). Although a wide range of data and information is available, conventional devices and applications generally fail to provide effective solutions that comprehensively capture data for a given user across numerous disparate activities.

- 10 [0004] Some conventional solutions combine a small number of discrete functions. Functionality for data capture, processing, storage, or communication in conventional devices such as a watch or timer with a heart rate monitor or global positioning system ("GPS") receiver are available, but are expensive to manufacture and typically require purchasing multiple, expensive devices. Other conventional solutions for combining data
15 capture facilities often present numerous design and manufacturing problems such as size specifications, materials requirements, lowered tolerances for defects such as pits or holes in coverings for water-resistant or waterproof devices, unreliability, higher failure rates, increased manufacturing time, and expense. Subsequently, conventional devices such as fitness watches, heart rate monitors, GPS-enabled fitness monitors, health monitors (e.g.,
20 diabetic blood sugar testing units), digital voice recorders, pedometers, altimeters, and other conventional data capture devices are generally manufactured for conditions that

occur in a single or small groupings of activities and, subsequently, are limited in terms of commercial appeal to consumers.

[0005] Generally, if the number of data inputs accessible by conventional data capture devices increases, there is a corresponding rise in design and manufacturing requirements and device size that results in significant consumer expense and/or decreased consumer appeal, which eventually becomes prohibitive to both investment and commercialization. Still further, conventional manufacturing techniques are often limited and ineffective at meeting increased requirements to protect sensitive hardware, circuitry, and other components that are susceptible to damage, but which are required to perform various data capture activities. As a conventional example, sensitive electronic components such as printed circuit board assemblies ("PCBA"), sensors, and computer memory (hereafter "memory") can be significantly damaged or destroyed during manufacturing processes where protective overmoldings or layers of material occurs using techniques such as injection molding, cold molding, and others. Damaged or destroyed items subsequently raises the cost of goods sold and can deter not only investment and commercialization, but also innovation in data capture and analysis technologies, which are highly compelling fields of opportunity.

[0006] Thus, what is needed is a solution for efficiently manufacturing devices without the limitations of conventional techniques.

BRIEF DESCRIPTION OF THE DRAWINGS

- [0007] Various embodiments or examples ("examples") are disclosed in the following detailed description and the accompanying drawings:
- [0008] FIG. 1 illustrates a cross-sectional view of an exemplary process for providing
5 protective material in component protective overmolding;
- [0009] FIG. 2 illustrates another cross-sectional view of an exemplary process for providing protective material in component protective overmolding;
- [0010] FIG. 3 illustrates a cross-sectional view of an exemplary process for forming an inner molding in component protective overmolding;
- 10 [0011] FIG. 4 illustrates another cross-sectional view of an exemplary process for forming an outer molding in component protective overmolding;
- [0012] FIG. 5A illustrates an exemplary design applied during component protective overmolding;
- [0013] FIG. 5B illustrates another exemplary design applied during component
15 protective overmolding;
- [0014] FIG. 5C illustrates a further exemplary design applied during component protective overmolding;
- [0015] FIG. 6A illustrates an exemplary process for component protective overmolding;
- 20 [0016] FIG. 6B illustrates an alternative exemplary process for component protective overmolding;

- [0017] FIG. 6C illustrates another alternative exemplary process for component protective overmolding;
- [0018] FIG. 6D illustrates yet another alternative exemplary process for component protective overmolding;
- 5 [0019] FIG. 7 illustrates a view of an exemplary data-capable strapband configured to receive overmolding;
- [0020] FIG. 8 illustrates a view of an exemplary data-capable strapband having a first molding;
- [0021] FIG. 9 illustrates a view of an exemplary data-capable strapband having a
- 10 second molding;
- [0022] FIG. 10 illustrates an exemplary process for component protective overmolding using protective external coatings;
- [0023] FIG. 11 illustrates an alternative exemplary process for component protective overmolding using protective external coatings; and
- 15 [0024] FIG. 12 illustrates another alternative exemplary process for component protective overmolding using protective external coatings.

DETAILED DESCRIPTION

[0025] Various embodiments or examples may be implemented in numerous ways, including as a system, a process, an apparatus, a user interface, or a series of program instructions on a computer readable medium such as a computer readable storage medium or a computer network where the program instructions are sent over optical, electronic, or wireless communication links. In general, operations of disclosed processes may be performed in an arbitrary order, unless otherwise provided in the claims.

[0026] A detailed description of one or more examples is provided below along with accompanying figures. The detailed description is provided in connection with such examples, but is not limited to any particular example. The scope is limited only by the claims and numerous alternatives, modifications, and equivalents are encompassed. Numerous specific details are set forth in the following description in order to provide a thorough understanding. These details are provided for the purpose of example and the described techniques may be practiced according to the claims without some or all of these specific details. For clarity, technical material that is known in the technical fields related to the examples has not been described in detail to avoid unnecessarily obscuring the description.

[0027] FIG. 1 illustrates a cross-sectional view of an exemplary process for providing protective material in data-capable strapband overmolding. Here, device 100 includes framework 102, elements 104-106, and covering 108. In some examples, framework 102 may be referred to interchangeably as a substrate, wafer, board (printed, unprinted, or otherwise), or other surface upon which elements 104-106 may be mounted, placed, or

otherwise fixed. The type and configuration of elements may be varied and are not limited to any given type of electrical, electronic, or mechanical component. For example, element 104 may be implemented as a microvibrator or motor configured to provide a vibratory signal for an alarm or other indicator. Element 104 may also be a printed circuit board assembly ("PCBA"), logic, processor, microprocessor, memory (e.g., solid state, RAM, ROM, DRAM, SDRAM, or others), or other computing element and is not limited to any specific type of component. Further, element 104 may be coupled electrically or electronically to element 106, which may also be an electrical, electronic, or mechanical component that can be placed on framework 102. When placed on framework 102, elements 104-106 may be fixed using various techniques, including adhesives, mechanical fixing structures (e.g., posts and holes), or others, without limitation.

[0028] As shown, covering 108 may be placed over element 104 in order to protect the latter from damage resulting from the application of subsequent layers, coverings, moldings, or other protective material, regardless of environmental conditions (e.g., temperature, pressure, thickness, and others). As shown, element 104 is covered by covering 108 and element 106 is uncovered. However, other protective materials may be used to cover element 106. In still other examples, protective materials such as covering 108 may not be used if elements 104 or 106 are manufactured to resist the formation, deposit, layering, or covering of other protective materials at various temperatures, pressures, or other atmospheric conditions. In other examples, device 100 and the above-described elements may be varied and are not limited to those shown and described.

[0029] FIG. 2 illustrates another cross-sectional view of an exemplary process for providing protective material in data-capable strapband overmolding. Here, device 200 includes framework 102, elements 104-106, covering 108, syringe 202, arrows 204-206, and protective coating 208. In some examples, covering 108 and protective coating 208 may be referred to as “protective material” interchangeably and without limitation. As shown, like numbered elements shown in this drawing and others may refer to the same or a substantially similar element previously described.

[0030] In some examples, an applicator (e.g., syringe 202) may be used to selectively apply protective coating 208 to cover as a protective layer over element 106. As used herein, “selectively applying” may refer to the application, placement, positioning, formation, deposition, growth, or the like, of protective material to one, some, all, or none of any underlying elements (e.g., elements 104-106). In some examples, “protective material” may also be used interchangeably with “protective layer,” “covering,” “housing,” or “structure” regardless of the composition of material or matter used, without limitation. In other words, covering 108 and protective coating 208 may each be referred to as “protective material” and used to protect underlying elements (e.g., elements 104-106 (FIG. 1)) as described herein.

[0031] When the plunger of syringe 202 is depressed in the direction of arrow 204, protective coating 208 is forced through applicator tip 210 and applied as a protective layer over element 106. As an example, protective coating 208 may be applied at substantially atmospheric pressure by applying 1-2 psi of pressure to the plunger of syringe 202. When applied, protective coating 208 may be, for example, an ultraviolet

(“UV”) curable adhesive or other material. In other words, when protective coating 208 is applied (i.e., layered over element 106) and exposed to ultraviolet radiation (or other curing conditions) at levels similar to those found in natural sunlight or artificial light, it coalesces and hardens into a covering that prevents the underlying element (e.g., element 5 106) from being damaged when other protective materials or layers are applied such as those shown and described below. Exemplary types of protective coating 208 may include coatings, adhesives, gels, liquids, or any other type of material that hardens to protect, prevent, minimize, or otherwise aid in avoiding damage to a protected element. Examples of UV curable coatings include Loctite® coatings produced by Henkel & Co 10 AG of Dusseldorf, Germany such as, for example, Loctite® 5083 curable coating. Other types of curable coatings, in addition to those that are UV curable, may be used to protect underlying elements without limitation or restriction to any given type.

[0032] In some examples, protective material such as Loctite® or others may be applied selectively to one, some, or all electrical, electronic, mechanical, or other 15 elements. Protective coating 208 may also be applied in different environmental conditions (e.g., atmospheric pressure, under vacuum, in a molding cavity or chamber, within a deposition chamber, or the like) and is not limited to the examples shown and described. As shown, protective coating 208 has been selectively applied to element 106, but not element 104, the latter of which is being protected by covering 108. As an 20 alternative, covering 108 may be used as protective material in the form of an enclosure or physical structure that is used to protect an underlying element. As described herein, protective coating 208 may be selectively applied by determining whether sensitive

components, parts, or other elements ("elements") are susceptible to damage or destruction from subsequent processes, for example, to deposit additional protective layers, such as those described in greater detail below. In other examples, device 200 and the above-described elements may be varied in function, structure, configuration,

5 implementation, or other aspects and are not limited to those provided.

[0033] FIG. 3 illustrates a cross-sectional view of an exemplary process for forming an inner molding in data-capable strapband overmolding. Here, device 300 includes framework 102, elements 104-106, covering 108, syringe 202, arrows 204-206, protective coating 208, mold cavity 302, nozzle 304, arrows 306-310, and inner molding

10 312. In some examples, framework 102 and elements 104-106 having selectively applied protective coating 208 may be placed in mold cavity 302 where another protective layer or coating (e.g., inner molding 312) may be applied from nozzle 304 in the direction of arrows 306-310. Types of materials that may be used for inner molding 312 include plastics, thermoplastics, thermoplastic elastomers, polymers, elastomers, or any other
15 organic or inorganic material that can molded in mold cavity 302. As shown, mold cavity 302 may be implemented using a variety of molding techniques. For example, an injection molding machine may be used to inject a thermoplastic polymer elastomer ("TPE") into mold cavity 302. When injected under temperature (e.g., 400 to 460 degrees Fahrenheit) and pressure (e.g., 200 to 600 psi, but which may be adjusted to
20 higher or lower pressure, without limitation), inner molding 208 forms a protective layer around framework 102, elements 104-106, covering 108, protective coating 208, providing a layer of additional protective material (e.g., inner molding 312), which may

completely or incompletely surround an object (e.g., framework 102). In some examples, inner molding 312 may be formed to provide a watertight or hermetic seal around framework 102 and elements 104-106. Types of materials that may be used as inner molding 312 include TPEs such as Versaflex 9545-I as manufactured by PolyOne Corporation of McHenry, Illinois. Other types of materials such as epoxies, polymers, elastomers, thermoplastics, thermoplastic polymers, thermoplastic polymer elastomers, and others may be used to form inner molding 312, without limitation to a specific material. In other examples, device 300 and the above-described elements may be varied in function, structure, configuration, implementation, or other aspects and are not limited to those provided.

[0034] FIG. 4 illustrates another cross-sectional view of an exemplary process for forming an outer molding in data-capable strapband overmolding. Here, device 400 includes framework 102, elements 104-106, covering 108, syringe 202, arrows 204-206, protective coating 208, inner molding 312, mold cavity 402, nozzle 404, arrows 406-410, and outer molding 412. In some examples, mold cavity 402 may be the same or different from that described above in connection with FIG. 3. In other words, mold cavity 402 may be the same mold cavity as mold cavity 302, but which is used to injection mold outer molding 412. As shown, framework 102, elements 104-106, protective coating 208, and inner molding 312 are placed in mold cavity 402. Material (e.g., TPE) may be injected through nozzle 404 in the direction of arrows 406-410 into mold cavity 402 in order to form outer molding 412. Once formed, sprue or other extraneous material may be present in inner molding 312 or outer molding 412, which may be removed after

device 400 is taken out of molding cavity 402. A visual inspection, in some examples, may be performed to determine if defects are present in either inner molding 312 or outer molding 412. If defects are found in outer molding 412, then removal may occur and a new outer molding may be formed using mold cavity 402. The inspection and, if defects are found, the removal of outer molding 412 allows for higher quality moldings to be developed at a lower cost without requiring the discarding of sensitive, expensive electronics. Outer molding 412, in some examples, may also be used to provide surface ornamentation to a given object. The use of thermoplastics or TPE material may be used to form outer molding 412 and to provide material in which a surface texture, design, or pattern may be imprinted, contoured, or otherwise formed. In so doing, various types of patterns, designs, or textures may be formed of various types. For example, miniature “hills” and “valleys” may be formed in the protective material of outer molding 412 in order to produce a “denim” feel or texture to a given object. Examples of different patterns for outer molding 412 may be found in FIGs. 5A-5C, as shown by patterns 502, 512, and 522, respectively. Patterns 502, 512, and 522 are provided for purposes of illustration and are neither limiting nor restrictive with regard to the types, patterns, designs, or textures of surface ornamentation that may be applied to outer molding 412, as described herein. Protective material (e.g., TPE) injected into mold cavity 402 may be used to form these patterns. Various types of injection molding processes and equipment may be used and are not limited to any specific type, make, manufacture, model, or other specification.

[0035] Referring back to FIG. 4, the use of the described techniques allows for more precise tolerances in forming moldings that are form-fitting to various types of devices. Still further, the use of the above-described techniques also allows for relatively small devices having sensitive electronics to be subjected to harsh environmental conditions during molding processes in order to form protective layers (e.g., inner molding 312, outer molding 412) over various types of devices. As shown and described, the disclosed techniques may be used on a variety of devices, without limitation or restriction. In other examples, device 400 and the above-described elements may be varied in function, structure, configuration, implementation, or other aspects and are not limited to those provided.

[0036] FIG. 6A illustrates an exemplary process for component protective overmolding. Here, the start of process 600 includes forming a protective layer on, for example, framework 102 (FIG. 1) (602). In some examples, a protective layer may refer to protective material, layers, or covers such as protective material 108 (FIG. 2) or structures that are formed to protect underlying elements (e.g., covering 108 (FIG. 1)). Examples of material that may be used to form a protective layer include UV curable materials such as those described above, including coatings, adhesives, liquids, gels, and others that cure when exposed to ultraviolet radiation in various concentrations and exposure levels without limitation. After forming a protective layer (e.g., protective coating 208), an inner molding (e.g., inner molding 312 (FIG. 3)) is formed (604). After forming an inner molding, a function test is performed to determine whether the inner molding and protective layer have damaged the underlying item (606). In some

examples, a function test may be performed as part of an inspection and include applying an electrical current to an underlying electronic element to identify proper voltage or current flow or other parameters that indicate whether damage has occurred during the formation of a protective layer, an inner molding, or, in other examples, an outer molding. Inspections may be performed at various stages of the manufacturing process in order to identify defects early and reduce costs incurred with re-applying protective layers or moldings. In other examples, a function test may be performed to determine whether the inner molding has sufficiently coated desired underlying items (e.g., electrical, electronic, mechanical, or any structure or elements thereof that are being protected from damage using one or more moldings). In still further examples, the function test may be performed to determine whether the formation of an inner molding damaged underlying items that were previously protected by the formation of protective layer, the latter of which may be performed outside of a mold device or cavity (e.g., mold cavity 302 (FIG. 3) or mold cavity 402 (FIG. 4)) at room temperature and/or atmospheric conditions, including atmospheric or ambient temperatures, pressures, and humidity levels, without limitation.

[0037] In some examples, a determination is made as to whether a function test is passed or failed (608). Here, if an item having a protective layer and an inner molding fails to pass, the item is rejected and the process ends (610). Alternatively, if an item (e.g., framework 102 and elements 106-108 (FIG. 1)) fails to pass a function test due to the presence of one or more defects, the inner molding may be removed and re-applied. In other examples, the underlying item may be rejected (i.e., destroyed, recycled, or

otherwise removed from a lot of items that have successfully passed a function test). If a determination is made that a function test has passed as part of an inspection, then an outer molding is formed over the inner molding and protective layer (612).

[0038] In some examples, the protective layer, inner molding, and outer molding may
5 be selectively, partially, or completely applied to a given item. As described here, an outer molding may also be configured to completely enclose or encase an underlying item in order to protect the inner molding, the protective layer, and any elements from damage. Further, outer molding may be used to form patterns, designs, or other surface features or contours for usable, functional, or aesthetic purposes. As shown here, after an
10 outer molding is formed, a final test is performed to determine whether defects are present or the formation of the outer molding met desired parameters (e.g., did the outer molding fully coat an item, were any underlying items damaged, and the like) (614). In some examples, a final test may also be a function test, as described above. In other examples, a final test may also evaluate an item coated with an outer molding for other
15 purposes. If the final test is not passed, then the item may be rejected and, in some examples, the outer molding may be removed and re-applied (i.e., re-formed) (610). In other example, a failed final test may also result in the item being rejected and destroyed, recycled, or otherwise handled as unacceptable. Finally, after a final test is performed a visual inspection may be performed to determine whether an item has been covered by
20 the formed outer molding as desired (618). In other examples, process 600 may be implemented differently in the order, function, configuration, or other aspects described and is not limited to the examples shown and described above.

[0039] FIG. 6B illustrates an alternative exemplary process for component protective overmolding. Here, process 620 beings be selectively applying protective material (e.g., protective coating 208 (FIG. 2)) to one or more elements (e.g., electrical, electronic, mechanical, structural, or others) (622). In some examples, selectively applying

5 protective material may include manually using an applicator (e.g., syringe 202 (FIG. 2) or any other type of instrument, device, tool, or implement used to apply protective material) to deposit a layer, covering, coating, or the like over a desired element. In other examples, selectively applying may also include the application of protective material to one, some, all, or none of the elements present on a given item. In other words,

10 selectively applying protective material may be performed uniformly or non-uniformly without limitation. Types of protective materials may include curable or non-curable materials such as those described above, including UV-curable coatings that, when exposed to ultraviolet radiation, cure. In other examples, other types of coatings may be used that, when exposed to artificial or man-made conditions, cure. Still further, other

15 types of coatings may be used to form a protective layer (i.e., protective material) over sensitive elements that may require the combination of two or more materials, chemicals, or compounds, such as epoxies, polymers, elastomers, and the like, without limitation.

[0040] Here, after selectively applying protective material an inner molding is formed over a framework, associated elements (i.e., elements coupled to the framework), and the

20 previously, selectively-applied protective material (624). As an example of a framework, a “strapband” or, as used herein, “band” may refer to a wearable device that is configured for various data capture, analysis, communication, and other purposes. In some

examples, a band may refer to a wearable personal data capture device that, when worn, may be used to record and store various types of data associated with a given person's motion, behavior, and physical characteristics (e.g., body temperature, salinity, blood sugar, heart rate, respiration rate, movement, and many others, without limitation). In

5 other examples, a band may be implemented using hardware, software, and firmware, where application-specific programs may be downloaded onto a memory that is included as an element and protected using the described overmolding processes. A band may be implemented as described below in connection with FIGs. 7-9.

[0041] Referring back to FIG. 6B, an outer molding is formed over the inner
10 molding, the framework, its elements, and the protective material (626). After the outer molding is formed, an inspection of the outer molding is performed to determine whether a defect is present (628). As used herein, an inspection may refer to any type of process (e.g., automatic, semi-automatic, manual, robotic, visual, structural, radiological, electrical, or others) that is used to determine whether a defect is present. In some
15 examples, an inspection may include one or more function (i.e., functional) tests to determine whether a coated (i.e., item receiving protective material and protective layers or coatings) has been damaged during the layering process. If a defect (e.g., a damaged item or defective molding) is found, then the outer molding is removed (632) and formed again over the inner molding, framework, elements, and protective material (626). If no
20 defect is found, then the process ends. Examples of materials that may be used for moldings (e.g., inner molding, outer molding) in process 620 include plastics, thermoplastics, thermoplastic elastomers, polymers, thermoplastic polymer elastomers,

epoxies, alloys, metals, or any other type of organic or synthetic material, without limitation. In other examples, process 620 may be implemented differently in the order, function, configuration, or other aspects provided and is not limited to the examples shown and described above.

- 5 [0042] FIG. 6C illustrates another alternative exemplary process for component protective overmolding. Here, an alternative 2-stage process 640 for component protective overmolding may be performed. First, selective application of a securing coating over components placed on, for example, a framework, may be performed (642). As used herein, a securing coating may refer to any type of protective material, layer,
- 10 cover, structure, liquid, gel, solid, or the like that is placed substantially (i.e., partially or entirely) over an item in order to prevent damage from later stages of a manufacturing process (e.g., introduction into mold cavity 302 (FIG. 3) or mold cavity 402 (FIG. 4) in which rigorous temperatures, pressures, or other environmental conditions are created in order to apply other coated materials. Further, due to the size and relatively sensitive
- 15 operating, manufacturing, and performance characteristics of various electrical, electronic, mechanical, or structural features (e.g., microprocessors, solid state computer memories, control logic and circuitry, microvibrators, motors, motor controllers, batteries, battery modules, battery controllers, and the like), the addition of protective material can prevent inadvertent damage and increased costs occurring during the
- 20 manufacturing of finished products. As an example, consumer electronics devices receiving both aesthetic and functional protective overmoldings (i.e., moldings) can be expensive to manufacture because, for each damage underlying electronic component, an

entire unit must be discarded. However, by using the described techniques to protect sensitive and expensive elements by replacing moldings as opposed to entire partially-finished items, manufacturing costs can be significantly reduced, thus increasing profit margins and incentives for individuals and enterprises to commercially invest in

5 manufacturing devices that can advantageously capture, analyze, use, communicate (via wired or wireless data communication facilities (e.g., network interface cards (NICs), wireless radios using various types of wireless data communication protocols for short, medium, and long-range communication (e.g., Bluetooth™, ZigBee, ANT™, WiFi, WiMax, and others), and the like), or otherwise use valuable and abundant personal data.

10 As an example of these types of devices, a strapband or band may be a wearable device that is configured to capture data such as that described above. Sensitive elements of various sizes and shapes may be protected from damage occurring during later stages of protective overmolding (i.e., application of protective layers, covers, molds, or the like) using the described techniques.

15 [0043] Here, after applying a securing coating, another molding may be formed over the securing coating, band, and components (e.g., elements) (644). As described here and above, the application of one or more moldings may be performed to both secure and protect underlying items (e.g., components or elements) of a finished product for various conditions such as use, weather, shock, temperature, or other environmental conditions to

20 which finished products (e.g., band) may be subjected. In other examples, more, fewer, or different steps may be implemented as part of process 620 including, for example, a single-stage process involving the application of one or more protective layers (e.g.,

housings, coverings, securing coatings, coatings, moldings, or the like). The functions, operations, or processes performed during a single or multi-stage or step process may be varied, without limitation, to include more, fewer, or different types of sub-processes apart from those shown and described. Alternatively, more steps in process 620 may be implemented are not limited to any of the examples shown and described. In still other examples, process 620 may be implemented differently in the order, function, configuration, or other aspects provided and is not limited to the examples shown and described above.

[0044] FIG. 6D illustrates yet another alternative exemplary process for component protective overmolding. Here, process 650 begins by placing one or more elements on a framework (652). In some examples, the one or more elements may be placed on a part of a framework (not shown) or other support structure configured to provide a substrate or base support. Once placed, the elements are coated using a curable material (654). As an example of a curable material, Loctite® 5083 UV curable coating may be layered (i.e., deposited, poured, injected, layered, or otherwise covered) over the elements and the framework. The curable material may be comprehensively, universally, uniformly, semi-uniformly, irregularly, or selectively placed so that some elements are covered while others are left uncovered. Reasons for selectively applying the curable coating may include other elements being protected from damage during the molding process using physical structures (e.g., covering 108) and yet others being manufactured to withstand the environmental conditions (e.g., temperature ranges between 400 and 460 degrees

Fahrenheit and injection nozzle pressures of 200 to 600 pounds per square inch (psi)) of molding cavity 302 (FIG. 3) or 402 (FIG. 4) without using protective material.

[0045] After securing elements to a framework using curable material (e.g., UV curable coating, which may also be replaced with other types of curable coating, without
5 limitation or restriction to any specific type), an inspection may be performed to determine whether there are any defects, gaps, openings, or other susceptibilities that can be anticipated before applying the first or inner molding (656). After performing an inspection on the curable coating, one or more moldings may be formed over the curable material (i.e., coating), framework, and elements (658) after which an inspection may be
10 performed to determine whether there are defects in the molding(s) (660). During the inspection, a determination is made as to whether a defect has been found in one or more moldings (662). If a defect is found, the defective molding is removed (664) and another molding may be reformed over the curable material, framework, and elements (666). By enabling a defective molding to be replaced without requiring the discard of a framework
15 and its associated elements (e.g., electrical and electronic components such as microprocessors, processors, data storage and computer memory, sensors (e.g., accelerometers, motion/audio/light sensors, velocimeters, pedometers, altimeters, heart rate monitors, barometers, chemical/protein detectors, and others, without limitation), mechanical and structural features or functionality), substantial costs can be saved thus
20 enabling devices to be produced at lower costs to consumers and business alike. In other examples, process 650 may be implemented differently in the order, function,

configuration, or other aspects provided and is not limited to the examples shown and described above.

[0046] FIG. 7 illustrates a side view of an exemplary data-capable strapband configured to receive overmolding. Here, band 700 includes framework 702, covering 704, flexible circuit 706, covering 708, motor 710, coverings 714-724, analog audio plug 726, accessory 728, control housing 734, control 736, and flexible circuit 738. In some examples, band 700 is shown with various elements (i.e., covering 704, flexible circuit 706, covering 708, motor 710, coverings 714-724, analog audio plug 726, accessory 728, control housing 734, control 736, and flexible circuit 738) coupled to framework 702.

10 Coverings 708, 714-724 and control housing 734 may be configured to protect various types of elements, which may be electrical, electronic, mechanical, structural, or of another type, without limitation. For example, covering 708 may be used to protect a battery and power management module from protective material formed around band 700 during an injection molding operation. As another example, housing 704 may be used to protect a printed circuit board assembly ("PCBA") from similar damage. Further, control housing 734 may be used to protect various types of user interfaces (e.g., switches, buttons, lights, light-emitting diodes, or other control features and functionality) from damage. In other examples, the elements shown may be varied in quantity, type, manufacturer, specification, function, structure, or other aspects in order to provide data capture, communication, analysis, usage, and other capabilities to band 700, which may be worn by a user around a wrist, arm, leg, ankle, neck or other protrusion or aperture, without restriction. Band 700, in some examples, illustrates an initial unlayered device

20

that may be protected using the techniques for protective overmolding as described above.

[0047] FIG. 8 illustrates a view of an exemplary data-capable strapband having a first molding. Here, band 800 includes molding 802, analog audio plug (hereafter “plug”) 804, plug housing 806, button 808, framework 810, control housing 812, and indicator light 814. In some examples, a first protective overmolding (i.e., molding 802) has been applied over band 700 (FIG. 7) and the above-described elements (e.g., covering 704, flexible circuit 706, covering 708, motor 710, coverings 714-724, analog audio plug 726, accessory 728, control housing 734, control 736, and flexible circuit 738) leaving some elements partially exposed (e.g., plug 804, plug housing 806, button 808, framework 810, control housing 812, and indicator light 814). However, internal PCBAs, flexible connectors, circuitry, and other sensitive elements have been protectively covered with a first or inner molding that can be configured to further protect band 800 from subsequent moldings formed over band 800 using the above-described techniques. In other examples, the type, configuration, location, shape, design, layout, or other aspects of band 800 may be varied and are not limited to those shown and described. For example, plug 804 may be removed if a wireless communication facility is instead attached to framework 810, thus having a transceiver, logic, and antenna instead being protected by molding 802. As another example, button 808 may be removed and replaced by another control mechanism (e.g., an accelerometer that provides motion data to a processor that, using firmware and/or an application, can identify and resolve different types of motion that band 800 is undergoing), thus enabling molding 802 to be extended more fully, if not

completely, over band 800. In yet other examples, molding 802 may be shaped or formed differently and is not intended to be limited to the specific examples shown and described for purposes of illustration.

[0048] FIG. 9 illustrates a view of an exemplary data-capable strapband having a second molding. Here, band 900 includes molding 902, plug 904, and button 906. As shown another overmolding or protective material has been formed by injection molding, for example, molding 902 over band 900. As another molding or covering layer, molding 902 may also be configured to receive surface designs, raised textures, or patterns, which may be used to add to the commercial appeal of band 900. In some examples, band 900 may be illustrative of a finished data capable strapband (i.e., band 700 (FIG. 7), 800 (FIG. 8) or 900) that may be configured to provide a wide range of electrical, electronic, mechanical, structural, photonic, or other capabilities.

[0049] Here, band 900 may be configured to perform data communication with one or more other data-capable devices (e.g., other bands, computers, networked computers, clients, servers, peers, and the like) using wired or wireless features. For example, a TRRS-type analog audio plug may be used (e.g., plug 904), in connection with firmware and software that allow for the transmission of audio tones to send or receive encoded data, which may be performed using a variety of encoded waveforms and protocols, without limitation. In other examples, plug 904 may be removed and instead replaced with a wireless communication facility that is protected by molding 902. If using a wireless communication facility and protocol, band 900 may communicate with other data-capable devices such as cell phones, smart phones, computers (e.g., desktop, laptop,

notebook, tablet, and the like), computing networks and clouds, and other types of data-capable devices, without limitation. In still other examples, band 900 and the elements described above in connection with FIGs. 1-9, may be varied in type, configuration, function, structure, or other aspects, without limitation to any of the examples shown and described.

5 [0050] FIG. 10 illustrates an exemplary process for component protective overmolding using protective external coatings. Here, process 1000 includes selectively applying a material (such as those described above) substantially over a framework that is coupled to one or more elements (1002). Selective application of the material, in some examples, may refer to point applications of a material (e.g., an epoxy or other material
10 used to protect an underlying element from being damaged during subsequent deposition, formation, or molding phases of other material). As used herein, a framework may be an internal substrate, wafer, stiffener, or the like, providing both an internal structure for bands 700-900 (FIGs. 7-9) and a structure to which the one or more elements may be
15 mounted or coupled, either directly or indirectly. In some examples, the one or more elements may include any type of electrical, electronic, mechanical, chemical, or other type of device, component, sub-component, mechanism that is configured to receive, transmit, process, or perform a data operation (i.e., “operation”) using data gathered from a sensor coupled to bands 700-900. Also, as used herein, “sensory input” may refer to
20 any type, classification, powered or unpowered, of sensor configured to sense data and information regarding the internal or external environment of bands 700-900.

[0051] After selectively applying the material substantially over the framework coupled to one or more elements, a protective layer is molded over the framework, element(s), and selectively-applied material (1004). After molding the protective layer, a coating may be formed over the protective layer (1006). In some examples, the coating is
 5 formed to provide a protective property, as described above.

[0052] As used herein, “coating” is to be distinguished from protective coating 208 (FIG. 2) in that the former is used to provide a protective property to the structure to which it is applied. In some examples, the protective property may include protecting bands 700-900 (FIGs. 7-9) from external damage due to shock, wear, immersion (in
 10 various types of liquids, including water), temperature, pressure, or other environmental conditions (or lack thereof, including vacuum). In other examples, a protective property may be a characteristic of a coating that, when applied, protects a wearer or users. For example, material used for a coating may include anti-bacterial or medical-grade (i.e., any type of material or combination of materials, synthetic or organic, that have been
 15 tested and deemed suitable for biological uses, including those internal and external to organisms or bodies) materials such as TPE, polymers, elastomers, and others. Other protective properties of a coating may include being water-proof, water-resistant, oleophobic, hydrophobic, hardened (i.e., protected from damage due to shock, which may require shock or impact-absorbent materials that distribute kinetic energy when applied
 20 via force or pressure), ultraviolet radiation (hereafter “UV”)-protective or resistive (i.e., resists color fading), and others, without limitation. Protective properties may refer to any property that protects the framework, elements, material, moldings, coatings, or the

like from either external or internal damage or conditions that could result in damage. In other examples, process 1000 may be implemented differently in the order, function, configuration, or other aspects provided and is not limited to the examples shown and described above.

5 [0053] FIG. 11 illustrates an alternative exemplary process for component protective overmolding using protective external coatings. As an alternative process to those described above, material may be provided (e.g., formed, molded, deposited, sprayed, dipped, applied with a brush (i.e., brushed), or the like) over a structure of a device (1102). In some examples, a device (e.g., bands 700-900 (FIGs. 7-9)) may be configured
10 to perform one or more operations, as described above, using data received from various types and quantities of sensory inputs. As used herein, the material may be applied to secure an element (e.g., a sensor, battery, motor, detector, circuit, or any other type of element, as described above) to a framework or stiffener of a device. Applying material may also refer to the molding of a layer of material over a framework and elements,
15 providing a hermetic or substantially hermetic or waterproof enclosure. In other examples, applying material may refer to the formation of a single or multiple layers of material over a device. After applying the material, a coating is formed over it to provide a protective property, such as those described above (1104). In other examples, process 1100 may be implemented differently in the order, function, configuration, or other
20 aspects described and is not limited to the examples provided above.

[0054] FIG. 12 illustrates another alternative exemplary process for component protective overmolding using protective external coatings. As a further alternative

process to those described above, material is selectively applied over a framework coupled to one or more elements (1202). After applying the material over the framework and coupled element(s), one or more layers (e.g., coatings, such as those described above) are molded to provide a protective property (1204). In other examples, process 1200 may
5 be implemented differently in the order, function, configuration, or other aspects described and is not limited to the examples provided above.

[0055] Although the foregoing examples have been described in some detail for purposes of clarity of understanding, the above-described inventive techniques are not limited to the details provided. There are many alternative ways of implementing the
10 above-described invention techniques. The disclosed examples are illustrative and not restrictive.

What is claimed:

1. A method, comprising:
selectively applying a curable coating substantially over one or more of a plurality of elements coupled to a framework configured to be worn, the plurality of elements including at least a sensor; and
selectively forming a molding substantially over a subset of the plurality of elements, the molding configured to provide a protective property.
2. The method of claim 1, wherein the molding is anti-bacterial.
3. The method of claim 1, wherein the molding is oleophobic.
4. The method of claim 1, wherein the molding is configured to protect against ultraviolet radiation.
4. The method of claim 1, wherein the molding is hydrophobic.
5. The method of claim 1, wherein the molding is configured to provide a waterproof seal over the plurality of elements.
6. The method of claim 1, wherein a pattern is formed on the molding.

7. The method of claim 1, further comprising performing an inspection of the molding to determine if the molding is defective.
8. The method of claim 7, further comprising:
removing the molding after determining the molding is defective; and
re-forming the molding.
9. The method of claim 1, wherein the framework is comprised of a synthetic fiber.
10. The method of claim 1, wherein the framework is formed using carbon fiber.
11. The method of claim 1, wherein the framework is comprised of one or more filaments.
12. The method of claim 1, wherein the framework is formed using a thermoplastic elastomer.
13. The method of claim 7, wherein the thermoplastic elastomer comprises polypropylene.
14. The method of claim 1, wherein the curable coating is configured to secure the one or more of the plurality of elements to the framework.

15. A method, comprising:
- selectively applying a protective material substantially over one or more of a plurality of elements coupled to a framework configured to be worn, the plurality of elements including at least a sensor; and
- forming one or more moldings substantially over a subset or all of the framework, the protective material and the plurality of elements, after the protective material has been selectively applied, at least one of the one or more moldings having a protective property.
16. The method of claim 15, wherein the framework is substantially flexible.
17. The method of claim 15, wherein the plurality of elements is configured to perform an operation using data from the sensor.
18. The method of claim 15, wherein the protective property is waterproofing.
19. The method of claim 15, wherein the protective property is water-resistance.
20. The method of claim 15, wherein the protective property is being hydrophobic.
21. The method of claim 15, wherein the protective property is being oleophobic.
22. The method of claim 15, wherein the protective property is being anti-bacterial.

23. The method of claim 15, wherein the protective material is configured to protect the one or more of the plurality of elements from damage occurring during the forming the one or more moldings substantially over the framework.

24. The method of claim 15, wherein at least one of the one or more moldings comprises a medical-grade thermoplastic elastomer.

25. The method of claim 15, further comprising removing and re-applying at least one of the one or more moldings after an inspection of the one or more moldings.

**COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE
EXTERNAL COATINGS**

ABSTRACT

Techniques for component protective overmolding using protective external coatings include selectively applying a protective material substantially over one or more elements coupled to a framework configured to be worn, the elements including at least a sensor, and forming one or more moldings substantially over a subset or all of the framework, the protective material and the elements, after the protective material has been selectively applied, at least one of the one or more moldings having a protective property.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371(C) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-----------------------|-----------------------|------------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 |

CONFIRMATION NO. 4793

FORMALITIES LETTER

15516
Kokka & Backus, PC
703 Hight Street
Palo Alto, CA 94301



Date Mailed: 04/05/2012

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing.

Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- Additional claim fees of **\$60** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total fee(s) required within **TWO MONTHS** from the date of this Notice is **\$60** for a non-small entity

- Total additional claim fee(s) for this application is **\$60**
 - **\$60** for **6** total claims over 20.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/mkoroma/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | | | | | Application or Docket Number 13/427,839 | |
|--|---|------------------------------------|-----------------|--------------|---|-------------------------|
| APPLICATION AS FILED - PART I | | | | | | |
| (Column 1) | | (Column 2) | | SMALL ENTITY | | OR |
| FOR | NUMBER FILED | NUMBER EXTRA | RATE(\$) | FEE(\$) | OTHER THAN SMALL ENTITY | |
| BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small> | N/A | N/A | N/A | | N/A | 380 |
| SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small> | N/A | N/A | N/A | | N/A | 620 |
| EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small> | N/A | N/A | N/A | | N/A | 250 |
| TOTAL CLAIMS <small>(37 CFR 1.16(j))</small> | 26 | minus 20 = * | 6 | | x 60 = | 360 |
| INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small> | 2 | minus 3 = * | | | x 250 = | 0.00 |
| APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small> | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | 0.00 |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | | | 0.00 |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | TOTAL | | TOTAL | 1610 |
| APPLICATION AS AMENDED - PART II | | | | | | |
| (Column 1) | | (Column 2) | | (Column 3) | | SMALL ENTITY |
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE(\$) | ADDITIONAL FEE(\$) | OTHER THAN SMALL ENTITY |
| | Total <small>(37 CFR 1.16(i))</small> | * | Minus | ** | = | x = |
| | Independent <small>(37 CFR 1.16(h))</small> | * | Minus | *** | = | x = |
| | Application Size Fee (37 CFR 1.16(s)) | | | | | x = |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | x = |
| | | | TOTAL ADD'L FEE | | TOTAL ADD'L FEE | |
| (Column 1) | | (Column 2) | | (Column 3) | | SMALL ENTITY |
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE(\$) | ADDITIONAL FEE(\$) | OTHER THAN SMALL ENTITY |
| | Total <small>(37 CFR 1.16(i))</small> | * | Minus | ** | = | x = |
| | Independent <small>(37 CFR 1.16(h))</small> | * | Minus | *** | = | x = |
| | Application Size Fee (37 CFR 1.16(s)) | | | | | x = |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | x = |
| | | | TOTAL ADD'L FEE | | TOTAL ADD'L FEE | |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1. | | | | | | |



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING or 371(c) DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO. | TOT CLAIMS | IND CLAIMS |
|-----------------------|--------------------------|-----------------|---------------|---------------------|------------|------------|
| 13/427,839 | 03/22/2012 | 1742 | 1850 | ALI-001CIP1CIP1CON1 | 26 | 2 |

CONFIRMATION NO. 4793

15516
Kokka & Backus, PC
703 Hight Street
Palo Alto, CA 94301

FILING RECEIPT



OC000000053496681

Date Mailed: 04/05/2012

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

RICHARD LEE DRYSDALE, Santa Cruz, CA;
Scott Fullam, Palo Alto, CA;
Skip Thomas Orvis, San Jose, CA;
Nora Elam Levinson, Washington, DC;

Assignment For Published Patent Application

AliphCom, San Francisco, CA

Power of Attorney: The patent practitioners associated with Customer Number 15516

Domestic Priority data as claimed by applicant

This application is a CON of 13/135,728 07/12/2011
which is a CIP of 13/158,416 06/11/2011
which is a CIP of 13/158,372 06/10/2011

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.)

If Required, Foreign Filing License Granted: 04/02/2012

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 13/427,839**

Projected Publication Date: 12/13/2012

Non-Publication Request: No

Early Publication Request: No

Title

COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS

Preliminary Class

264

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage, facilitate, and accelerate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:
Drysedale et al.

Serial No.: 13/427,839

Filing Date: March 22, 2012

For: COMPONENT PROTECTIVE
OVERMOLDING USING PROTECTIVE
EXTERNAL COATINGS

Confirmation No.: 4793

Examiner: Unassigned

Group Art Unit: 1742

Transmission Date: April 9, 2012

Certificate of Transmission

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on April 9, 2012.

Signed: _____

K. M. Cleland
Kate M. Cleland

RESPONSE TO NOTICE TO FILE MISSING PARTS

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

In Response to the *Notice to File Missing Parts of Nonprovisional Application*, mailed April 5, 2012, Applicant submits herewith a *Preliminary Amendment* canceling the additional claim(s) in excess of the claims fees previously submitted with the filing of the above-referenced patent application. The accompanying *Preliminary Amendment* is being submitted prior to examination of the above-referenced patent application (for which a request for Prioritized Examination (Track I) was filed) on the merits, and thus no additional excess claim fees are required beyond those submitted with the original Track I request. A copy of the *Notice to File Missing Parts of Nonprovisional Application* is also submitted herewith.

Please contact the undersigned representative below if you should have any further questions or require any additional information.

Respectfully submitted,

Chien-Ju Alice Chuang

Chien-Ju Alice Chuang
Reg. No. 65,914

KOKKA & BACKUS, PC
703 High Street
Palo Alto, CA 94301
Telephone: (650) 585-2359
Facsimile: (650) 566-9922



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371(C) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-----------------------|-----------------------|------------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 |

CONFIRMATION NO. 4793

FORMALITIES LETTER



OC000000053496682

15516
Kokka & Backus, PC
703 Hight Street
Palo Alto, CA 94301

Date Mailed: 04/05/2012

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing.

Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- Additional claim fees of **\$60** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total fee(s) required within **TWO MONTHS** from the date of this Notice is **\$60** for a non-small entity

- Total additional claim fee(s) for this application is **\$60**
 - **\$60** for 6 total claims over 20.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/mkoroma/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Drysdale et al.

Application Serial No.: 13/427,839

Filing Date: March 22, 2012

For: COMPONENT PROTECTIVE
OVERMOLDING USING PROTECTIVE
EXTERNAL COATINGS

Confirmation No.: 4793

Examiner: Unassigned

Group Art Unit: 1742

Date: April 9, 2012

Atty. Docket No.: ALI-001CIP1CIP1CON1

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **April 9, 2012**.

Signed: _____

Kate M. Cleland

PRELIMINARY AMENDMENT A

Dear Sir:

Prior to the examination of the above-referenced patent application (Prioritized Examination (Track I)) on the merits, please amend the application as follows:

Please cancel claim 17.

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method, comprising:

selectively applying a curable coating substantially over one or more of a plurality of elements coupled to a framework configured to be worn, the plurality of elements including at least a sensor; and

selectively forming a molding substantially over a subset of the plurality of elements, the molding configured to provide a protective property.
2. (Original) The method of claim 1, wherein the molding is anti-bacterial.
3. (Original) The method of claim 1, wherein the molding is oleophobic.
4. (Original) The method of claim 1, wherein the molding is configured to protect against ultraviolet radiation.
- [[4]]5. (Currently amended) The method of claim 1, wherein the molding is hydrophobic.
- [[5]]6. (Currently amended) The method of claim 1, wherein the molding is configured to provide a waterproof seal over the plurality of elements.

[[6]]7. (Currently amended) The method of claim 1, wherein a pattern is formed on the molding.

[[7]]8. (Currently amended) The method of claim 1, further comprising performing an inspection of the molding to determine if the molding is defective.

[[8]]9. (Currently amended) The method of claim [[7]]8, further comprising:
removing the molding after determining the molding is defective; and
re-forming the molding.

[[9]]10. (Currently amended) The method of claim 1, wherein the framework is comprised of a synthetic fiber.

[[10]]11. (Currently amended) The method of claim 1, wherein the framework is formed using carbon fiber.

[[11]]12. (Currently amended) The method of claim 1, wherein the framework is comprised of one or more filaments.

[[12]]13. (Currently amended) The method of claim 1, wherein the framework is formed using a thermoplastic elastomer.

[[13]]14. (Currently amended) The method of claim [[7]]13, wherein the thermoplastic elastomer comprises polypropylene.

[[14]]15. (Currently amended) The method of claim 1, wherein the curable coating is configured to secure the one or more of the plurality of elements to the framework.

[[15]]16. (Currently amended) A method, comprising:

selectively applying a protective material substantially over one or more of a plurality of elements coupled to a framework configured to be worn, the plurality of elements including at least a sensor; and

forming one or more moldings substantially over a subset or all of the framework, the protective material and the plurality of elements, after the protective material has been selectively applied, at least one of the one or more moldings having a protective property.

[[16]]17. (Canceled)

[[17]]18. (Currently amended) The method of claim [[15]]16, wherein the plurality of elements is configured to perform an operation using data from the sensor.

[[18]]19. (Currently amended) The method of claim [[15]]16, wherein the protective property is waterproofing.

[[19]]20. (Currently amended) The method of claim [[15]]16, wherein the protective property is water-resistance.

[[20]]21. (Currently amended) The method of claim [[15]]16, wherein the protective property is being hydrophobic.

[[21]]22. (Currently amended) The method of claim [[15]]16, wherein the protective property is being oleophobic.

[[22]]23. (Currently amended) The method of claim [[15]]16, wherein the protective property is being anti-bacterial.

[[23]]24. (Currently amended) The method of claim [[15]]16, wherein the protective material is configured to protect the one or more of the plurality of elements from damage occurring during the forming the one or more moldings substantially over the framework.

[[24]]25. (Currently amended) The method of claim [[15]]16, wherein at least one of the one or more moldings comprises a medical-grade thermoplastic elastomer.

[[25]]26. (Currently amended) The method of claim [[15]]16, further comprising removing and re-applying at least one of the one or more moldings after an inspection of the one or more moldings.

REMARKS

Claims 5-26 have been amended, and more specifically, have been re-numbered to eliminate any duplicate claim numbers. Claim 17 has been cancelled. Claims 1-16 and 18-26 remain pending.

A request for Prioritized Examination (Track I) has been filed in the above-referenced patent application and this Preliminary Amendment is believed to be submitted prior to examination on the merits, thus no additional excess claim fees are required beyond those submitted with the original Track I request.

Consideration of the application and allowance of all pending claims presented for examination are respectfully requested. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned representative.

Respectfully submitted,



Chren-Ju Alice Chuang
Reg. No. 65,914

KOKKA & BACKUS, PC
703 High Street
Palo Alto, CA 94301
Tel: (650) 585-2359
Fax: (650) 566-9922

| Electronic Acknowledgement Receipt | |
|--------------------------------------|---|
| EFS ID: | 12502465 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Chien-Ju Alice Chuang |
| Filer Authorized By: | |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 09-APR-2012 |
| Filing Date: | 22-MAR-2012 |
| Time Stamp: | 20:01:12 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|--|--|------------------|------------------|
| 1 | | ALI-001CIP1CIP1CON1_Response_to_NOMP_asfiled.pdf | 841298 f14d7627efb7a424c43d0331c274a17ce671bd07 | yes | 9 |

| | Multipart Description/PDF files in .zip description | | |
|--|---|--------|-----|
| | Document Description | Start | End |
| | Applicant Response to Pre-Exam Formalities Notice | 1 | 3 |
| | Preliminary Amendment | 4 | 9 |
| Warnings: | | | |
| Information: | | | |
| Total Files Size (in bytes): | | 841298 | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | | | | | Application or Docket Number 13/427,839 | | Filing Date 03/22/2012 | | <input type="checkbox"/> To be Mailed | |
|---|---|------------------------------------|------------------------------------|---------------|---|--|----------------------------------|-------------------------|---------------------------------------|------------|
| APPLICATION AS FILED – PART I | | | | | | | | | | |
| (Column 1) | | | (Column 2) | | | SMALL ENTITY <input type="checkbox"/> OR | | OTHER THAN SMALL ENTITY | | |
| FOR | NUMBER FILED | NUMBER EXTRA | RATE (\$) | FEE (\$) | OR | RATE (\$) | FEE (\$) | | | |
| <input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c)) | N/A | N/A | N/A | | | N/A | | | | |
| <input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m)) | N/A | N/A | N/A | | | N/A | | | | |
| <input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q)) | N/A | N/A | N/A | | | N/A | | | | |
| TOTAL CLAIMS (37 CFR 1.16(i)) | minus 20 = | * | X \$ = | | OR | X \$ = | | | | |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | minus 3 = | * | X \$ = | | | X \$ = | | | | |
| <input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | | | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | | | | | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | | | | | | | | |
| APPLICATION AS AMENDED – PART II | | | | | | | | | | |
| (Column 1) | | | (Column 2) | | | SMALL ENTITY OR | | OTHER THAN SMALL ENTITY | | |
| AMENDMENT | 04/09/2012 | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | OR | RATE (\$) | ADDITIONAL FEE (\$) | |
| | Total (37 CFR 1.16(i)) | * 24 | Minus | ** 20 | = 4 | X \$ = | | OR | X \$60= | 240 |
| | Independent (37 CFR 1.16(h)) | * 2 | Minus | *** 3 | = 0 | X \$ = | | OR | X \$250= | 0 |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | | OR | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | OR | | |
| | | | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | 240 |
| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | OR | RATE (\$) | ADDITIONAL FEE (\$) | | |
| | Total (37 CFR 1.16(i)) | * | Minus | ** | = | X \$ = | | OR | X \$ = | |
| | Independent (37 CFR 1.16(h)) | * | Minus | *** | = | X \$ = | | OR | X \$ = | |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | | OR | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | OR | | |
| | | | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. | | | | | | | | | | |
| ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". | | | | | | | | | | |
| *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". | | | | | | | | | | |
| The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. | | | | | | | | | | |

Legal Instrument Examiner:
/PRASAD JANDHYALA/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING or 371(c) DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | TOT CLAIMS | IND CLAIMS |
|-----------------------|--------------------------|-----------------|---------------|---------------------|------------|------------|
| 13/427,839 | 03/22/2012 | 1742 | 1850 | ALI-001CIP1CIP1CON1 | 25 | 2 |

CONFIRMATION NO. 4793

UPDATED FILING RECEIPT



OC000000053721753

15516
Kokka & Backus, PC
703 Hight Street
Palo Alto, CA 94301

Date Mailed: 04/26/2012

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

RICHARD LEE DRYSDALE, Santa Cruz, CA;
Scott Fullam, Palo Alto, CA;
Skip Thomas Orvis, San Jose, CA;
Nora Elam Levinson, Washington, DC;

Assignment For Published Patent Application

AliphCom, San Francisco, CA

Power of Attorney: The patent practitioners associated with Customer Number 15516

Domestic Priority data as claimed by applicant

This application is a CON of 13/135,728 07/12/2011
which is a CIP of 13/158,416 06/11/2011
which is a CIP of 13/158,372 06/10/2011

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.)

If Required, Foreign Filing License Granted: 04/02/2012

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 13/427,839**

Projected Publication Date: 12/13/2012

Non-Publication Request: No

Early Publication Request: No

Title

COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS

Preliminary Class

264

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage, facilitate, and accelerate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | | | | | | Application or Docket Number 13/427,839 | |
|--|---|------------------------------------|---------------|-----------------|--------------------|--|-------------------------|
| APPLICATION AS FILED - PART I | | | | | | | |
| (Column 1) | | (Column 2) | | SMALL ENTITY | | OTHER THAN SMALL ENTITY | |
| FOR | NUMBER FILED | NUMBER EXTRA | RATE(\$) | FEE(\$) | | RATE(\$) | FEE(\$) |
| BASIC FEE (37 CFR 1.16(a), (b), or (c)) | N/A | N/A | N/A | | | N/A | 380 |
| SEARCH FEE (37 CFR 1.16(k), (l), or (m)) | N/A | N/A | N/A | | | N/A | 620 |
| EXAMINATION FEE (37 CFR 1.16(o), (p), or (q)) | N/A | N/A | N/A | | | N/A | 250 |
| TOTAL CLAIMS (37 CFR 1.16(j)) | 25 | minus 20 = * | 5 | | | x 60 = | 300 |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | 2 | minus 3 = * | | | | x 250 = | 0.00 |
| APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | 0.00 |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | | | | 0.00 |
| | | | | TOTAL | | TOTAL | 1550 |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | | | | | |
| APPLICATION AS AMENDED - PART II | | | | | | | |
| (Column 1) | | (Column 2) | | (Column 3) | | SMALL ENTITY | |
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE(\$) | ADDITIONAL FEE(\$) | | OTHER THAN SMALL ENTITY |
| | Total (37 CFR 1.16(i)) | * | Minus | ** | = | x | = |
| | Independent (37 CFR 1.16(h)) | * | Minus | *** | = | x | = |
| | Application Size Fee (37 CFR 1.16(s)) | | | | | | |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | |
| | | | | TOTAL ADD'L FEE | | TOTAL ADD'L FEE | |
| (Column 1) | | (Column 2) | | (Column 3) | | SMALL ENTITY | |
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE(\$) | ADDITIONAL FEE(\$) | | OTHER THAN SMALL ENTITY |
| | Total (37 CFR 1.16(i)) | * | Minus | ** | = | x | = |
| | Independent (37 CFR 1.16(h)) | * | Minus | *** | = | x | = |
| | Application Size Fee (37 CFR 1.16(s)) | | | | | | |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | |
| | | | | TOTAL ADD'L FEE | | TOTAL ADD'L FEE | |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1. | | | | | | | |



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 | 4793 |

15516 7590 05/24/2012
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301

| |
|----------|
| EXAMINER |
|----------|

| | |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

1712

| | |
|-----------|---------------|
| MAIL DATE | DELIVERY MODE |
|-----------|---------------|

05/24/2012

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | |
|---|-----------------------------|
| Decision Granting Request for Prioritized Examination (Track I or After RCE) | Application No.: 13/427,839 |
|---|-----------------------------|

MAY 24 2012

1. THE REQUEST FILED March 22, 2012 IS **GRANTED**.

The above-identified application has met the requirements for prioritized examination

A. ☒ for an original nonprovisional application (Track I).

B. ☐ for an application undergoing continued examination (RCE).

2. **The above-identified application will undergo prioritized examination.** The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:

A. filing a petition for extension of time to extend the time period for filing a reply;

B. filing an amendment to amend the application to contain more than four independent claims, more than thirty total claims, or a multiple dependent claim;

C. filing a request for continued examination;

D. filing a notice of appeal;

E. filing a request for suspension of action;

F. mailing of a notice of allowance;

G. mailing of a final Office action;

H. completion of examination as defined in 37 CFR 41.102; or

I. abandonment of the application.

Telephone inquiries with regard to this decision should be directed to Christine Tierney at 571-272-1055.
In his/her absence, calls may be directed to William Krynski at 571-272-1024.

/Christine Tierney/
[Signature]

/Quality Assurance Specialist/
(Title)

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| U.S.PATENTS | | | | | | |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | 8049614 | | 2010-09-23 | Kahn et al. | |
| | 2 | 7987070 | | 2009-09-17 | Kahn et al. | |
| | 3 | 8040382 | | 2009-07-09 | Kahn et al. | |
| | 4 | 7647196 | | 2009-02-12 | Kahn et al. | |
| | 5 | 7917768 | | 2008-07-24 | Kahn et al. | |
| | 6 | 7705723 | | 2007-10-04 | Kahn et al. | |
| | 7 | 7839279 | | 2007-02-01 | Kahn et al. | |
| | 8 | 8064759 | | | Kahn et al. | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|---------|--|--|-------------|--|
| | 9 | 7982770 | | | Kahn et al. | |
| | 10 | 7970586 | | | Kahn et al. | |
| | 11 | 7907901 | | | Kahn et al. | |
| | 12 | 7881902 | | | Kahn et al. | |
| | 13 | 7849184 | | | Kahn et al. | |
| | 14 | 7841967 | | | Kahn et al. | |
| | 15 | 7800044 | | | Kahn et al. | |
| | 16 | 7788059 | | | Kahn et al. | |
| | 17 | 7753861 | | | Kahn et al. | |
| | 18 | 7747735 | | | Kahn et al. | |
| | 19 | 7690556 | | | Kahn et al. | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|---------|--|------------|-----------------|--|
| | 20 | 7662065 | | | Kahn et al. | |
| | 21 | 7653508 | | | Kahn et al. | |
| | 22 | 7647195 | | | Kahn et al. | |
| | 23 | 7457719 | | | Kahn et al. | |
| | 24 | 7343260 | | | Kahn et al. | |
| | 25 | 6527711 | | | Stivoric et al. | |
| | 26 | 6595929 | | 2002-12-05 | Stivoric et al. | |
| | 27 | 6605038 | | | Teller et al. | |
| | 28 | 7020508 | | 2004-02-26 | Stivoric et al. | |
| | 29 | 7153262 | | 2003-04-03 | Stivoric et al. | |
| | 30 | 7261690 | | 2002-02-14 | Teller et al. | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 31 | 7285090 | | 2004-08-05 | Stivoric et al. | |
| | 32 | 7502643 | | 2005-05-26 | Farrington et al. | |
| | 33 | 7689437 | | | Teller et al. | |
| | 34 | 7959567 | | 2008-11-06 | Stivoric et al. | |
| | 35 | 8073707 | | 2006-02-09 | Teller et al. | |
| | 36 | D439981 | | | Kasabach et al. | |
| | 37 | D451604 | | | Kasabach et al. | |
| | 38 | D460971 | | | Sica et al. | |
| | 39 | D631552 | | | Kasabach et al. | |
| | 40 | D632396 | | | Kasabach et al. | |
| | 41 | 61516479 | | | Fish et al. | |

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | 42 | 61404379 | | | Fish et al. | |
| | 43 | 61516480 | | | Fish et al. | |
| | 44 | 61404381 | | | Ram David Adva Fish | |
| | 45 | D645968 | | | Kasabach et al. | |
| | 46 | 12684881 | | 2011-07-14 | Kahn et al. | |
| | 47 | 12472361 | | 2010-12-02 | Kahn et al. | |
| | 48 | 12247950 | | 2010-04-08 | Kahn et al. | |
| | 49 | 12202206 | | 2010-03-04 | Kahn et al. | |
| | 50 | 12469633 | | 2009-11-26 | Kahn et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|-------------------|---------|--------------------|------------------------|------------------|---|--|

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|---|--|--|--|--|--|
| | 1 | | | | | |
|--|---|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| U.S.PATENTS | | | | | | |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | 12113110 | | 2009-11-05 | Kahn et al. | |
| | 2 | 11871151 | | 2009-04-16 | Kahn et al. | |
| | 3 | 12490304 | | 2009-12-24 | Kahn et al. | |
| | 4 | 11582896 | | 2007-05-03 | Stivoric et al. | |
| | 5 | 10638588 | | 2004-02-19 | Teller et al. | |
| | 6 | 10682293 | | 2004-07-08 | Teller et al. | |
| | 7 | 10940214 | | 2005-05-26 | Pacione et al. | |
| | 8 | 11088002 | | 2005-11-03 | Stivoric et al. | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 9 | 11239748 | | 2006-11-23 | Stivorc et al. | |
| | 10 | 11322010 | | 2006-06-08 | Teller et al. | |
| | 11 | 11434949 | | 2006-10-05 | Teller et al. | |
| | 12 | 11481147 | | 2007-02-15 | Stivorc et al. | |
| | 13 | 11724373 | | 2007-07-26 | Teller et al. | |
| | 14 | 11925906 | | 2008-07-31 | Teller et al. | |
| | 15 | 11925965 | | 2008-07-17 | Stivorc et al. | |
| | 16 | 11928039 | | 2008-07-10 | Stivorc et al. | |
| | 17 | 11928302 | | 2008-07-31 | Farrington et al. | |
| | 18 | 11930036 | | 2008-07-10 | Teller et al. | |
| | 19 | 11930053 | | 2008-07-10 | Teller et al. | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|-----------------|--|
| | 20 | 11930081 | | 2008-07-03 | Teller et al. | |
| | 21 | 11930091 | | 2008-07-03 | Teller et al. | |
| | 22 | 11930092 | | 2008-07-17 | Teller et al. | |
| | 23 | 11930094 | | 2008-07-17 | Teller et al. | |
| | 24 | 12033728 | | 2009-01-01 | Stivoric et al. | |
| | 25 | 12033722 | | 2009-01-01 | Stivoric et al. | |
| | 26 | 12033731 | | 2008-12-25 | Stivoric et al. | |
| | 27 | 12033737 | | 2008-12-25 | Stivoric et al. | |
| | 28 | 12033741 | | 2008-12-25 | Stivoric et al. | |
| | 29 | 12033746 | | 2008-12-25 | Stivoric et al. | |
| | 30 | 12033751 | | 2008-12-25 | Stivoric et al. | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 31 | 12033753 | | 2008-12-25 | Stivorio et al. | |
| | 32 | 12033760 | | 2008-12-25 | Stivorio et al. | |
| | 33 | 12033766 | | 2008-12-25 | Stivorio et al. | |
| | 34 | 12217299 | | 2009-07-09 | Stivorio et al. | |
| | 35 | 12840109 | | 2010-11-11 | Farrington et al. | |
| | 36 | 10682293 | | 2004-07-08 | Teller et al. | |
| | 37 | 60729663 | | | Donald G. Stein | |
| | 38 | 60727357 | | | Pacione et al. | |
| | 39 | 60555280 | | | Pacione et al. | |
| | 40 | 60502746 | | | Bucher et al. | |
| | 41 | 60417163 | | | Andre et al. | |

| | | | | |
|---|------------------------|--|----------------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | | Richard Lee Drysdale | |
| | Art Unit | | 1742 | |
| | Examiner Name | | Unassigned | |
| | Attorney Docket Number | | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 42 | 60729683 | | | Stivoric et al. | |
| | 43 | 60958516 | | | Andre et al. | |
| | 44 | 60510013 | | | Farrington et al. | |
| | 45 | 60502764 | | | Stivoric et al. | |
| | 46 | 60901952 | | | Stivoric et al. | |
| | 47 | 11925902 | | 2009-05-07 | Teller et al. | |
| | 48 | 11925903 | | 2008-07-31 | Teller et al. | |
| | 49 | 11925908 | | 2008-07-17 | Teller et al. | |
| | 50 | 11876601 | | | Stivoric et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

| U.S.PATENT APPLICATION PUBLICATIONS | | | | | | |
|-------------------------------------|---------|--------------------|------------------------|------------------|---|--|
| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|---|--|--|--|--|--|
| | 1 | | | | | |
|--|---|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| U.S.PATENTS | | | | | | |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | 11930405 | | 2008-07-24 | Teller et al. | |
| | 2 | 11928059 | | 2008-09-04 | Stivoric et al. | |
| | 3 | 11928027 | | 2008-07-03 | Stivoric et al. | |
| | 4 | 11928051 | | 2008-07-10 | Stivoric et al. | |
| | 5 | 11930100 | | 2008-07-17 | Teller et al. | |
| | 6 | 11930048 | | 2008-07-10 | Teller et al. | |
| | 7 | 11930101 | | 2008-07-10 | Teller et al. | |
| | 8 | 11927365 | | 2008-11-20 | Stivoric et al. | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | 9 | 11927276 | | 2008-11-20 | Stivoric et al. | |
| | 10 | 8047966 | | 2009-09-03 | Dorogusker et al. | |
| | 11 | 8083643 | | 2011-04-28 | Carl Ng et al. | |
| | 12 | 6356940 | | | Brian Robert Short | |
| | 13 | 5974262 | | | Fuller et al. | |
| | 14 | 13253000 | | | Ram David Adva Fish | |
| | 15 | 13182352 | | 2012-01-05 | Nazarian et al. | |
| | 16 | 7993276 | | 2006-04-20 | Nazarian et al. | |
| | 17 | 12560069 | | 2010-08-26 | Nadkarni et al. | |
| | 18 | 12621099 | | 2010-09-30 | Nadkarni et al. | |
| | 19 | 12823280 | | 2011-01-06 | Bentley et al. | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | 20 | 12883304 | | 2011-03-17 | Jangle et al. | |
| | 21 | 12891108 | | 2011-03-17 | Jangle et al. | |
| | 22 | 13204658 | | 2011-11-24 | Jangle et al. | |
| | 23 | 61210821 | | | Ram David Adva Fish | |
| | 24 | 61210862 | | | Ram David Adva Fish | |
| | 25 | 12730194 | | 2010-09-23 | Ram David Adva Fish | |
| | 26 | 12730199 | | 2010-09-23 | Ram David Adva Fish | |
| | 27 | 61630064 | | | Ram David Adva Fish | |
| | 28 | 61627891 | | | Ram David Adva Fish | |
| | 29 | 61516478 | | | Fish et al. | |
| | 30 | 61516477 | | | Ram David Adva Fish | |

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|--|---------------------|--|
| | 31 | 6714859 | | | Jones, Martin Kelly | |
| | 32 | 6952645 | | | Jones, Martin Kelly | |
| | 33 | 7030781 | | | Jones, Martin Kelly | |
| | 34 | 7400970 | | | Jones, Martin Kelly | |
| | 35 | 6904359 | | | Jones, Martin Kelly | |
| | 36 | 6486801 | | | Jones, Martin Kelly | |
| | 37 | 13405241 | | | Rahman et al. | |
| | 38 | 13158416 | | | Drysdale et al. | |
| | 39 | 13135728 | | | Drysdale et al. | |
| | 40 | 61495995 | | | Drysdale et al. | |
| | 41 | 13180320 | | | Rahman et al. | |

| | | | | |
|---|------------------------|--|----------------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | | Richard Lee Drysdale | |
| | Art Unit | | 1742 | |
| | Examiner Name | | Unassigned | |
| | Attorney Docket Number | | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|--|------------------|--|
| | 42 | 61495994 | | | Drysdale et al. | |
| | 43 | 13181512 | | | Rahman et al. | |
| | 44 | 61495997 | | | Drysdale et al. | |
| | 45 | 61495996 | | | Drysdale et al. | |
| | 46 | 61511541 | | | Jeffery Miao | |
| | 47 | 13247975 | | | Sashittal et al. | |
| | 48 | 13180000 | | | Rahman et al. | |
| | 49 | 61507091 | | | Rahman et al. | |
| | 50 | 61572204 | | | Rahman et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

| U.S.PATENT APPLICATION PUBLICATIONS | | | | | | |
|-------------------------------------|---------|--------------------|------------------------|------------------|---|--|
| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | |
|--|---|--|--|--|--|--|
| | 1 | | | | | |
|--|---|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| U.S.PATENTS | | | | | | |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | 61572206 | | | Rahman et al. | |
| | 2 | 13181495 | | | Rahman et al. | |
| | 3 | 13181511 | | | Rahman et al. | |
| | 4 | 13181486 | | | Rahman et al. | |
| | 5 | 13181500 | | | Rahman et al. | |
| | 6 | 13181498 | | | Rahman et al. | |
| | 7 | 13181513 | | | Rahman et al. | |
| | 8 | 13361919 | | | Rahman et al. | |

| | | | |
|---|----------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| Attorney Docket Number | | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|---|----------|--|------------|-----------------|--|
| | 9 | 13405240 | | 2012-02-25 | Drysdale et al. | |
|--|---|----------|--|------------|-----------------|--|

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
| | 1 | | | | | |

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ²ⁱ | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|----------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | WO/2005/016124 | | | 2005-02-24 | Teller et al. | | <input type="checkbox"/> |
| | 2 | WO/2002/000111 | | | 2002-01-03 | Teller et al. | | <input type="checkbox"/> |
| | 3 | WO/2003/015005 | | | 2003-02-20 | Teller et al. | | <input type="checkbox"/> |
| | 4 | WO/2005/092177 | | | 2005-10-06 | Stivoric et al. | | <input type="checkbox"/> |
| | 5 | WO/2010/065067 | | | 2010-06-10 | Ward et al. | | <input type="checkbox"/> |

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | | | |
|--|----|------------------|--|--|------------|-----------------|--|--------------------------|
| | 6 | WO/2004/019172 | | | 2004-03-04 | Stivoric et al. | | <input type="checkbox"/> |
| | 7 | WO/2008/101248 | | | 2008-08-21 | Stivoric et al. | | <input type="checkbox"/> |
| | 8 | WO/2002/078538 | | | 2002-10-10 | Stivoric et al. | | <input type="checkbox"/> |
| | 9 | WO/2001/96986 | | | 2001-12-20 | Teller et al. | | <input type="checkbox"/> |
| | 10 | CA-2413220 | | | | Teller et al. | | <input type="checkbox"/> |
| | 11 | EP-1639939 | | | 2006-03-29 | Teller et al. | | <input type="checkbox"/> |
| | 12 | IL-153478 | | | 2009-03-08 | Teller et al. | | <input type="checkbox"/> |
| | 13 | JP-200251105 | | | | Teller et al. | | <input type="checkbox"/> |
| | 14 | KR-1020027017160 | | | | Teller et al. | | <input type="checkbox"/> |
| | 15 | CA-2413148 | | | | Teller et al. | | <input type="checkbox"/> |
| | 16 | EP-1702560 | | | 2006-09-20 | Teller et al. | | <input type="checkbox"/> |

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | | | |
|--|----|------------------|--|--|--|-----------------|--|--------------------------|
| | 17 | IL-153516 | | | | Teller et al. | | <input type="checkbox"/> |
| | 18 | JP-2004-500949 | | | | Teller et al. | | <input type="checkbox"/> |
| | 19 | KR-1020027017525 | | | | Teller et al. | | <input type="checkbox"/> |
| | 20 | CA-2454655 | | | | Teller et al. | | <input type="checkbox"/> |
| | 21 | EP-1414340 | | | | Teller et al. | | <input type="checkbox"/> |
| | 22 | IL-160079 | | | | Teller et al. | | <input type="checkbox"/> |
| | 23 | JP-4283672 | | | | Teller et al. | | <input type="checkbox"/> |
| | 24 | KR-102004001744 | | | | Teller et al. | | <input type="checkbox"/> |
| | 25 | CA-2560323 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 26 | IL-178183 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 27 | JP-200750091 | | | | Stivoric et al. | | <input type="checkbox"/> |

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | | | |
|--|----|------------------|--|--|--|-----------------|--|--------------------------|
| | 28 | EP-1734858 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 29 | EP-2358266 | | | | Ward et al. | | <input type="checkbox"/> |
| | 30 | CA-2496579 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 31 | EP-1534126 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 32 | IL-167045 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 33 | JP-2005-536260 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 34 | KR-1020057003029 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 35 | MX-PA2005002024 | | | | Boehmke | | <input type="checkbox"/> |
| | 36 | EP-2126828 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 37 | CA-2441962 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 38 | EP-1743571 | | | | Stivoric et al. | | <input type="checkbox"/> |

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | | | |
|--|----|------------------|--|--|--|-----------------|--|--------------------------|
| | 39 | IL-158067 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 40 | JP-4125132 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 41 | KR-1020037012845 | | | | Stivoric et al. | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

| | | |
|---|------------------------|----------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 13427839 |
| | Filing Date | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale |
| | Art Unit | 1742 |
| | Examiner Name | Unassigned |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 |

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

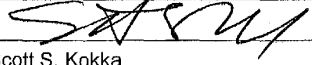
☒ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

| | | | |
|------------|---|---------------------|------------|
| Signature |  | Date (YYYY-MM-DD) | 2012-05-25 |
| Name/Print | Scott S. Kokka | Registration Number | 51,893 |

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Drysdale et al.

Application Serial No.: 13/427,839

Filing Date: March 22, 2012

For: COMPONENT PROTECTIVE
OVERMOLDING USING PROTECTIVE
EXTERNAL COATINGS

Confirmation No.: 4793

Examiner: Unassigned

Group Art Unit: 1742

Date: May 25, 2012

Atty. Docket No.: ALI-001CIP1CIP1CON1

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on May 25, 2012.

Signed: _____

Amiee H. Shin

INFORMATION DISCLOSURE STATEMENT

Sir or Madam:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement (IDS) are being brought to the attention of the Office. The items are listed on the attached forms PTO/SB/08a. The Examiner is requested to make these documents of record.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicants is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicants as such.

1. Timing of the Information Disclosure Statement:

☒ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) with the new patent application submitted herein (37 CFR § 1.97(a)); or (2) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d) or (3) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (4) before the

mailing of a first Office action on the merits; or (5) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

- ☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable.
- ☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.
- ☐ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office Action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.
 - ☐ The fee due under 37 CFR § 1.17(p) is submitted herewith.
 - ☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not mailed before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d).
- ☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

STATEMENT UNDER 37 CFR § 1.97(e):

- ☐ Non-Patent Literature Document Cite No. X contained in the IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS.
- ☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.

2. Copies of the Cited Items:

- ☐ Copies of all items listed on the attached form PTO/SB/08a are enclosed.
- ☒ Copies of all Foreign Patent Documents listed on form PTO/SB/08a are enclosed as required by 37 CFR § 1.98(a)(2).

☐ Copies of the following documents listed in PTO/SB/08a (Item Nos. X) are not supplied as they were previously cited by the Office or submitted in Information Disclosure Statements in related applications (Application No. X, filed X) and relied upon in this application for an earlier filing date under 35 USC § 120. See 37 CFR § 1.98(d). The Examiner is requested to make these documents of record.

☐ Copies of the following items listed on the attached forms PTO/SB/08a (Non-Patent Literature Documents Item Nos. 1) were cited in a foreign examination report in a related case. A copy of the search report is attached hereto.

3. Concise Explanation of Relevance:

☒ A concise explanation of relevance of the items listed on forms PTO/SB/08a is not given.

☐ A concise explanation of relevance of [some of] the items listed on forms PTO/SB/08a is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references (copy attached).

4. Related Applications:

☒ Applicant(s) bring to the Office's attention the following related application(s): U.S. Patent; Application No. 13/158,372 filed June 10, 2011, Attorney Docket No. ALI-001; Application No. 13/158,416 filed June 11, 2011, Attorney Docket No. ALI-001CIP1; Application No. 13/135,728 filed July 12, 2011, Attorney Docket No. ALI-001CIP1CIP1; Application No. 61/495,995 filed June 11, 2011, Attorney Docket No. ALI-002P; Application No. 13/180,320 filed July 11, 2011, Attorney Docket No. ALI-002; Application No. 13/405,240 file February 25, 2012, Attorney Docket No. ALI-002CON1; Application No. 61/495,994 filed June 11, 2011, Attorney Docket No. ALI-003P; Application No. 13/181,512 filed July 12, 2011, Attorney Docket No. ALI-003; Application No. 61/495,997 filed June 11, 2011, Attorney Docket No. ALI-004P; Application No. 61/495,996 filed June 11, 2011, Attorney Docket No. ALI-005P; Application No. 61/511,541 filed July 25, 2011, Attorney Docket No. ALI-006P; Application No. 13/247,975 filed September 28, 2011, Attorney Docket No. ALI-006; Application No. 13/180,000 filed July 11, 2011, Attorney Docket No. ALI-007; Application No. 61/507,091 filed July 12, 2011, Attorney Docket No. ALI-010P;

Application No. 61/572,204 filed July 12, 2011, Attorney Docket No. ALI-011P;
Application No. 61/572,206 filed July 12, 2011, Attorney Docket No. ALI-012P;
Application No. 13/181,495 filed July 12, 2011, Attorney Docket No. ALI-013;
Application No. 13/361,919 filed January 30, 2012, Attorney Docket No. ALI-013CON1;
Application No. 13/433,204 filed March 28, 2012, Attorney Docket No. ALI-013CIP1;
Application No. 13/454,040 filed April 23, 2012, Attorney Docket No. ALI-013CIP1CIP1;
Application No. 13/433,208 filed March 28, 2012, Attorney Docket No. ALI-013CIP2;
Application No. 13/433,213 filed March 28, 2012, Attorney Docket No. ALI-013CIP3;
Application No. 13/181,511 filed July 12, 2011, Attorney Docket No. ALI-014;
Application No. 13/181,486 filed July 12, 2011, Attorney Docket No. ALI-015;
Application No. 13/181,500 filed July 12, 2011, Attorney Docket No. ALI-016;
Application No. 13/181,498 filed July 12, 2011, Attorney Docket No. ALI-018;
Application No. 13/405,241 filed February 25, 2012, Attorney Docket No. ALI-018CON1;
Application No. 13/181,513 filed July 12, 2011, Attorney Docket No. ALI-019.

5. Conclusion:


Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; and
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached forms PTO/SB/08a with initials or other appropriate marks. In the unlikely event that the transmittal letter is separated from this document and the U.S. Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: 5/25/2012

By: 
Scott S. Kokka
Registration No. 51,893



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------------|------------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 | 4793 |
| 15516 7590 Kokka & Backus, PC 703 High Street Palo Alto, CA 94301 | | | EXAMINER LEE, EDMUND H | |
| | | | ART UNIT 1744 | PAPER NUMBER |
| | | | MAIL DATE 07/12/2012 | DELIVERY MODE PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 13/427,839 | DRYSDALE ET AL. | |
| | Examiner | Art Unit | |
| | EDMUND LEE | 1744 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 09 April 2012.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

5) ☒ Claim(s) 1-16 and 18-26 is/are pending in the application.

5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☐ Claim(s) ____ is/are allowed.

7) ☒ Claim(s) 1-16 and 18-26 is/are rejected.

8) ☐ Claim(s) ____ is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

12) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

| | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>5/25/12</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1,5,6, and 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Lo et al (US 2004/0167409). Lo et al teach the claimed process as evidenced at paragraphs 0043-0050,0052,0064, and 0070-0074; and figs 1-2. It should be noted that both the plastic encasing the transducer and the tie/primer/adhesive layer constitutes the claimed coating. It should also be noted the that tie/primer/adhesive layer can be a thermosetting material since it can have the same chemical constituents as the thermoset gel of the molding (paragraphs 0064 and 0070).

3. Claims 16,18,19,20,21, and 24 are rejected under 35 U.S.C. 102(b) as being anticipated by Lo et al (US 2004/0167409). Lo et al teach the claimed process as evidenced at paragraphs 0043-0050,0052,0064, and 0070-0074; and figs 1-2. It should be noted that both the plastic encasing the transducer and the tie/primer/adhesive layer constitutes the claimed coating. It should also be noted the that tie/primer/adhesive layer can be a thermosetting material since it can have the same chemical constituents as the thermoset gel of the molding (paragraphs 0064 and 0070).

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2-4, 7,8-9, and 10-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lo et al (US 2004/0167409). The above teachings of Lo et al are incorporated hereinafter. In regard to claims 2-4, the desire of a specific material property is a mere obvious matter of choice dependent on the desired final product and of little patentable consequence to the claimed process since it is not a manipulative feature or step of the claimed process. Further, the claimed properties are well-known in heart rate monitor art in order to produce more durable products that can be used in various environments. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use materials having the claimed properties in the monitor of Lo et al in order to produce more durable products. In regard to claim 7, the specific design of a product is a mere obvious matter of choice dependent on the desired final product and of little patentable consequence to the claimed process since it is not a manipulative feature or step of the claimed process. Further, decorated heart rate monitors are well-known in heart rate monitor art in order to produce aesthetically pleasing products. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to decorate the molding of Lo et al with a pattern in order to enhance the aesthetic appeal of the monitor. In regard to claims 8-9, such quality assurance measures are well-known in the molding art in order to ensure provide high quality products. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the claimed quality

assurance measures in the process of Lo et al in order to ensure the production of high quality products. In regard to claims 10-14, the use of a specific material is a mere obvious matter of choice dependent on the desired final product and of little patentable consequence to the claimed process since it is not a manipulative feature or step of the claimed process. Further, the claimed materials are well-known in heart rate monitor and watch arts in order to produce more durable products that can be used in various environments. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the claimed materials for the framework of Lo et al in order to produce diverse products having enhanced durability.

6. Claims 22-23, 25 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lo et al (US 2004/0167409). The above teachings of Lo et al are incorporated hereinafter. In regard to claims 22-23, the desire of a specific material property is a mere obvious matter of choice dependent on the desired final product and of little patentable consequence to the claimed process since it is not a manipulative feature or step of the claimed process. Further, the claimed properties are well-known in heart rate monitor art in order to produce more durable products that can be used in various environments. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use materials having the claimed properties in the monitor of Lo et al in order to produce more durable products. In regard to claim 25, the use of a specific material is a mere obvious matter of choice dependent on the desired final product and of little patentable consequence to the claimed process since it is not a manipulative feature or step of the claimed process. Further, the claimed

material is well-known in heart rate monitor and watch arts in order to produce diverse products that can be used in various environments. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the claimed material for the molding of Lo et al in order to produce products having usage in diverse environments. In regard to claim 26, such quality assurance measures are well-known in the molding art in order to ensure provide high quality products. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the claimed quality assurance measures in the process of Lo et al in order to ensure the production of high quality products.

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following USPNs teach the state of the art:
2002/00688873, 6254815, and 7060216.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDMUND LEE whose telephone number is (571)272-1204. The examiner can normally be reached on MONDAY-THURSDAY FROM 9AM-4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on 571.272.1316. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

EDMUND H. LEE
Primary Examiner
Art Unit 1744

EHL
/EDMUND H. LEE/
Primary Examiner, Art Unit 1744

| | | | |
|-----------------------------------|---------------------------------------|---|-------------|
| Notice of References Cited | Application/Control No. 13/427,839 | Applicant(s)/Patent Under Reexamination DRYSDALE ET AL. | |
| | Examiner EDMUND LEE | Art Unit 1744 | Page 1 of 1 |

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|-----------------------|----------------|
| * | A | US-2004/0167409 | 08-2004 | Lo et al. | 600/485 |
| * | B | US-2002/0068873 | 06-2002 | Nissila, Seppo | 600/509 |
| * | C | US-6,254,815 | 07-2001 | Cheperak, Michael Lan | 264/135 |
| * | D | US-7,060,216 | 06-2006 | Schuurmans, Johan | 264/272.15 |
| | E | US- | | | |
| | F | US- | | | |
| | G | US- | | | |
| | H | US- | | | |
| | I | US- | | | |
| | J | US- | | | |
| | K | US- | | | |
| | L | US- | | | |
| | M | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
| | N | | | | | |
| | O | | | | | |
| | P | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | S | | | | | |
| | T | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|---|
| | U | |
| | V | |
| | W | |
| | X | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 4793

| SERIAL NUMBER | FILING or 371(c) DATE | CLASS | GROUP ART UNIT | ATTORNEY DOCKET NO. | | |
|---|---|--|-------------------------------|---|---------------------------|--------------------------------|
| 13/427,839 | 03/22/2012 | 264 | 1744 | ALI-001CIP1CIP1CON | | |
| APPLICANTS RICHARD LEE DRYSDALE, Santa Cruz, CA; Scott Fullam, Palo Alto, CA; Skip Thomas Orvis, San Jose, CA; Nora Elam Levinson, Washington, DC; | | | | | | |
| ** CONTINUING DATA ***** This application is a CON of 13/135,728 07/12/2011 which is a CIP of 13/158,416 06/11/2011 which is a CIP of 13/158,372 06/10/2011 | | | | | | |
| ** FOREIGN APPLICATIONS ***** | | | | | | |
| ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 04/02/2012 | | | | | | |
| Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/EDMUND H LEE/</u> Examiner's Signature | | <input type="checkbox"/> Met after Allowance Initials | STATE OR COUNTRY CA | SHEETS DRAWINGS 12 | TOTAL CLAIMS 25 | INDEPENDENT CLAIMS 2 |
| ADDRESS Kokka & Backus, PC 703 High Street Palo Alto, CA 94301 UNITED STATES | | | | | | |
| TITLE COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS | | | | | | |
| FILING FEE RECEIVED 1850 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | | | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit | | |

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| U.S.PATENTS | | | | | | |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | 8049614 | | 2010-09-23 | Kahn et al. | |
| | 2 | 7987070 | | 2009-09-17 | Kahn et al. | |
| | 3 | 8040382 | | 2009-07-09 | Kahn et al. | |
| | 4 | 7647196 | | 2009-02-12 | Kahn et al. | |
| | 5 | 7917768 | | 2008-07-24 | Kahn et al. | |
| | 6 | 7705723 | | 2007-10-04 | Kahn et al. | |
| | 7 | 7839279 | | 2007-02-01 | Kahn et al. | |
| | 8 | 8064759 | | | Kahn et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|---------|--|--|-------------|--|
| | 9 | 7982770 | | | Kahn et al. | |
| | 10 | 7970586 | | | Kahn et al. | |
| | 11 | 7907901 | | | Kahn et al. | |
| | 12 | 7881902 | | | Kahn et al. | |
| | 13 | 7849184 | | | Kahn et al. | |
| | 14 | 7841967 | | | Kahn et al. | |
| | 15 | 7800044 | | | Kahn et al. | |
| | 16 | 7788059 | | | Kahn et al. | |
| | 17 | 7753861 | | | Kahn et al. | |
| | 18 | 7747735 | | | Kahn et al. | |
| | 19 | 7690556 | | | Kahn et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|---------|--|------------|-----------------|--|
| | 20 | 7662065 | | | Kahn et al. | |
| | 21 | 7653508 | | | Kahn et al. | |
| | 22 | 7647195 | | | Kahn et al. | |
| | 23 | 7457719 | | | Kahn et al. | |
| | 24 | 7343260 | | | Kahn et al. | |
| | 25 | 6527711 | | | Stivoric et al. | |
| | 26 | 6595929 | | 2002-12-05 | Stivoric et al. | |
| | 27 | 6605038 | | | Teller et al. | |
| | 28 | 7020508 | | 2004-02-26 | Stivoric et al. | |
| | 29 | 7153262 | | 2003-04-03 | Stivoric et al. | |
| | 30 | 7261690 | | 2002-02-14 | Teller et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 31 | 7285090 | | 2004-08-05 | Stivoric et al. | |
| | 32 | 7502643 | | 2005-05-26 | Farrington et al. | |
| | 33 | 7689437 | | | Teller et al. | |
| | 34 | 7959567 | | 2008-11-06 | Stivoric et al. | |
| | 35 | 8073707 | | 2006-02-09 | Teller et al. | |
| | 36 | D439981 | | | Kasabach et al. | |
| | 37 | D451604 | | | Kasabach et al. | |
| | 38 | D460971 | | | Sica et al. | |
| | 39 | D631552 | | | Kasabach et al. | |
| | 40 | D632396 | | | Kasabach et al. | |
| | 41 | 61516479 | | | Fish et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | |
|----|----------|--|------------|---------------------|--|
| 42 | 01404070 | | | Fish et al. | |
| 43 | 04540400 | | | Fish et al. | |
| 44 | 04404384 | | | Ram David Adva Fish | |
| 45 | D645968 | | | Kasabach et al. | |
| 46 | 12684881 | | 2011-07-14 | Kahn et al. | |
| 47 | 12472361 | | 2010-12-02 | Kahn et al. | |
| 48 | 12247050 | | 2010-04-08 | Kahn et al. | |
| 49 | 12202206 | | 2010-03-04 | Kahn et al. | |
| 50 | 12469633 | | 2009-11-26 | Kahn et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|-------------------|---------|--------------------|------------------------|------------------|---|--|

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|---|--|--|--|--|--|--|
| 1 | | | | | | |
|---|--|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Edmund Lee/ | Date Considered | 06/05/2012 |
|--------------------|--------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

U.S.PATENTS

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| | 1 | 12113110 | | 2009-11-05 | Kahn et al. | |
| | 2 | 11871151 | | 2009-04-16 | Kahn et al. | |
| | 3 | 12490304 | | 2009-12-24 | Kahn et al. | |
| | 4 | 11582896 | | 2007-05-03 | Stivoric et al. | |
| | 5 | 10638588 | | 2004-02-19 | Teller et al. | |
| | 6 | 10682293 | | 2004-07-08 | Teller et al. | |
| | 7 | 10940214 | | 2005-05-26 | Pacione et al. | |
| | 8 | 11088002 | | 2005-11-03 | Stivoric et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | |
|----|----------|------------|-------------------|
| 9 | 11200748 | 2006-11-23 | Stivoris et al. |
| 10 | 11332010 | 2006-06-08 | Teller et al. |
| 11 | 11434949 | 2006-10-05 | Teller et al. |
| 12 | 11481147 | 2007-02-15 | Stivoris et al. |
| 13 | 11724373 | 2007-07-26 | Teller et al. |
| 14 | 11925906 | 2008-07-31 | Teller et al. |
| 15 | 11925965 | 2008-07-17 | Stivoris et al. |
| 16 | 11928039 | 2008-07-10 | Stivoris et al. |
| 17 | 11928302 | 2008-07-31 | Parrington et al. |
| 18 | 11930036 | 2008-07-10 | Teller et al. |
| 19 | 11990050 | 2008-07-10 | Teller et al. |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | |
|--|----|----------|--|------------|-----------------|
| | | | | | |
| | 20 | 11938001 | | 2008-07-03 | Teller et al. |
| | | | | | |
| | 21 | 11938001 | | 2008-07-03 | Teller et al. |
| | | | | | |
| | 22 | 11938002 | | 2008-07-17 | Teller et al. |
| | | | | | |
| | 23 | 11938004 | | 2008-07-17 | Teller et al. |
| | | | | | |
| | 24 | 12033728 | | 2009-01-01 | Stivoric et al. |
| | | | | | |
| | 25 | 12033722 | | 2008-04-04 | Stivoric et al. |
| | | | | | |
| | 26 | 12033731 | | 2008-12-25 | Stivoric et al. |
| | | | | | |
| | 27 | 12033737 | | 2008-12-25 | Stivoric et al. |
| | | | | | |
| | 28 | 12033741 | | 2008-12-25 | Stivoric et al. |
| | | | | | |
| | 29 | 12033746 | | 2008-12-25 | Stivoric et al. |
| | | | | | |
| | 30 | 12033751 | | 2008-12-25 | Stivoric et al. |
| | | | | | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 31 | 12033753 | | 2008-12-25 | Stivoric et al. | |
| | | | | | | |
| | 32 | 12033760 | | 2008-12-25 | Stivoric et al. | |
| | | | | | | |
| | 33 | 12033766 | | 2008-12-25 | Stivoric et al. | |
| | | | | | | |
| | 34 | 12217299 | | 2009-07-09 | Stivoric et al. | |
| | | | | | | |
| | 35 | 12840109 | | 2010-11-11 | Farrington et al. | |
| | | | | | | |
| | 36 | 10682293 | | 2004-07-08 | Teller et al. | |
| | | | | | | |
| | 37 | 60729663 | | | Donald G. Stein | |
| | | | | | | |
| | 38 | 60727357 | | | Pacione et al. | |
| | | | | | | |
| | 39 | 60555280 | | | Pacione et al. | |
| | | | | | | |
| | 40 | 60502746 | | | Bucher et al. | |
| | | | | | | |
| | 41 | 60417163 | | | Andre et al. | |
| | | | | | | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | |
|----|----------|--|------------|-------------------|--|
| 42 | 60739683 | | | Stivoric et al. | |
| 43 | 60938510 | | | Andre et al. | |
| 44 | 60540043 | | | Farrington et al. | |
| 45 | 60502764 | | | Stivoric et al. | |
| 46 | 60901952 | | | Stivoric et al. | |
| 47 | 11925902 | | 2009-05-07 | Teller et al. | |
| 48 | 11925903 | | 2008-07-31 | Teller et al. | |
| 49 | 11925900 | | 2008-07-17 | Teller et al. | |
| 50 | 11876601 | | | Stivoric et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|-------------------|---------|--------------------|------------------------|------------------|---|--|

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|---|--|--|--|--|--|--|
| 1 | | | | | | |
|---|--|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Edmund Lee/ | Date Considered | 06/05/2012 |
|--------------------|--------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

U.S.PATENTS

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------------|------------------------|-----------------------|---|--|
| | 1 | 11930405 | | 2008-07-24 | Teller et al. | |
| | 2 | 11928059 | | 2008-09-04 | Stivorc et al. | |
| | 3 | 11928027 | | 2008-07-03 | Stivorc et al. | |
| | 4 | 11920031 | | 2008-07-10 | Stivorc et al. | |
| | 5 | 11930100 | | 2008-07-17 | Teller et al. | |
| | 6 | 11930048 | | 2008-07-10 | Teller et al. | |
| | 7 | 11930101 | | 2008-07-10 | Teller et al. | |
| | 8 | 11927365 | | 2008-11-20 | Stivorc et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | | | | | | |
| | 9 | 11927276 | | 2008-11-20 | Stivoric et al. | |
| | 10 | 8047966 | | 2009-09-03 | Dorogusker et al. | |
| | 11 | 8083643 | | 2011-04-28 | Carl Ng et al. | |
| | 12 | 6356940 | | | Brian Robert Short | |
| | 13 | 5974262 | | | Fuller et al. | |
| | 14 | 13253000 | | | Ram David Adva Fish | |
| | | | | | | |
| | 15 | 13182352 | | 2012-01-03 | Nazarian et al. | |
| | 16 | 7993276 | | 2006-04-20 | Nazarian et al. | |
| | 17 | 12588000 | | 2010-08-26 | Nadkarni et al. | |
| | 18 | 12621099 | | 2010-09-30 | Nadkarni et al. | |
| | 19 | 12822280 | | 2011-01-06 | Bentley et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | 20 | 12883304 | | 2011-03-17 | Jangle et al. | |
| | 21 | 12891108 | | 2011-03-17 | Jangle et al. | |
| | 22 | 13204658 | | 2011-11-24 | Jangle et al. | |
| | 23 | 61210821 | | | Ram David Adva Fish | |
| | 24 | 61210862 | | | Ram David Adva Fish | |
| | 25 | 42730404 | | 2010-09-23 | Ram David Adva Fish | |
| | 26 | 42730400 | | 2010-09-23 | Ram David Adva Fish | |
| | 27 | 61630064 | | | Ram David Adva Fish | |
| | 28 | 61627894 | | | Ram David Adva Fish | |
| | 29 | 61516478 | | | Fish et al. | |
| | 30 | 61516477 | | | Ram David Adva Fish | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|---------------|---------------------|--|--|----------------------------|--|
| | 31 | 6714859 | | | Jones, Martin Kelly | |
| | 32 | 6952645 | | | Jones, Martin Kelly | |
| | 33 | 7030781 | | | Jones, Martin Kelly | |
| | 34 | 7400970 | | | Jones, Martin Kelly | |
| | 35 | 6904359 | | | Jones, Martin Kelly | |
| | 36 | 6486801 | | | Jones, Martin Kelly | |
| | 37 | 13409241 | | | Rahman et al. | |
| | 38 | 13158416 | | | Drysdale et al. | |
| | 39 | 13135728 | | | Drysdale et al. | |
| | 40 | 64406005 | | | Drysdale et al. | |
| | 41 | 13480320 | | | Rahman et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | |
|--|----|----------|--|--|------------------|--|
| | | | | | | |
| | 42 | 61495994 | | | Drysdale et al. | |
| | | | | | | |
| | 43 | 13181512 | | | Rahman et al. | |
| | | | | | | |
| | 44 | 61495997 | | | Drysdale et al. | |
| | | | | | | |
| | 45 | 61495996 | | | Drysdale et al. | |
| | | | | | | |
| | 46 | 61511541 | | | Jeffery Miao | |
| | | | | | | |
| | 47 | 13247975 | | | Dashittal et al. | |
| | | | | | | |
| | 48 | 13180000 | | | Rahman et al. | |
| | | | | | | |
| | 49 | 61507091 | | | Rahman et al. | |
| | | | | | | |
| | 50 | 61572204 | | | Rahman et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|-------------------|---------|--------------------|------------------------|------------------|---|--|

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | |
|---|--|--|--|--|--|--|
| 1 | | | | | | |
|---|--|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Edmund Lee/ | Date Considered | 06/05/2012 |
|--------------------|--------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

U.S.PATENTS

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------------|------------------------|------------|---|--|
| | 1 | 01572200 | | | Rahman et al. | |
| | 2 | 10404405 | | | Rahman et al. | |
| | 3 | 13181511 | | | Rahman et al. | |
| | 4 | 10404406 | | | Rahman et al. | |
| | 5 | 10404500 | | | Rahman et al. | |
| | 6 | 10404408 | | | Rahman et al. | |
| | 7 | 13181512 | | | Rahman et al. | |
| | 8 | 13361919 | | | Rahman et al. | |

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|----------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| Attorney Docket Number | | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|---|----------|--|------------|-----------------|--|
| | 9 | 13405240 | | 2012-02-25 | Drysdale et al. | |
|--|---|----------|--|------------|-----------------|--|

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
| | 1 | | | | | |

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | WO/2005/016124 | | | 2005-02-24 | Teller et al. | | <input type="checkbox"/> |
| | 2 | WO/2002/000111 | | | 2002-01-03 | Teller et al. | | <input type="checkbox"/> |
| | 3 | WO/2003/015005 | | | 2003-02-20 | Teller et al. | | <input type="checkbox"/> |
| | 4 | WO/2005/092177 | | | 2005-10-06 | Stivorac et al. | | <input type="checkbox"/> |
| | 5 | WO/2010/065067 | | | 2010-06-10 | Ward et al. | | <input type="checkbox"/> |

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | | |
|----|------------------|--|--|------------|-----------------|--|--------------------------|
| 6 | WO/2004/019172 | | | 2004-03-04 | Stivoric et al. | | <input type="checkbox"/> |
| 7 | WO/2008/101248 | | | 2008-08-21 | Stivoric et al. | | <input type="checkbox"/> |
| 8 | WO/2002/078538 | | | 2002-10-10 | Stivoric et al. | | <input type="checkbox"/> |
| 9 | WO/2001/96986 | | | 2001-12-20 | Teller et al. | | <input type="checkbox"/> |
| 10 | CA-2413220 | | | | Teller et al. | | <input type="checkbox"/> |
| 11 | EP-1639939 | | | 2006-03-29 | Teller et al. | | <input type="checkbox"/> |
| 12 | IL-153478 | | | 2009-03-08 | Teller et al. | | <input type="checkbox"/> |
| 13 | JP-200251105 | | | | Teller et al. | | <input type="checkbox"/> |
| 14 | KR-1020027017160 | | | | Teller et al. | | <input type="checkbox"/> |
| 15 | CA-2413148 | | | | Teller et al. | | <input type="checkbox"/> |
| 16 | EP-1702560 | | | 2006-09-20 | Teller et al. | | <input type="checkbox"/> |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|--|------------------------|----------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | | Application Number | 13427839 |
| | | Filing Date | 2012-03-22 |
| | | First Named Inventor | Richard Lee Drysdale |
| | | Art Unit | 1742 |
| | | Examiner Name | Unassigned |
| | | Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | | | |
|--|----|------------------|--|--|--|-----------------|--|--------------------------|
| | 17 | IL-153516 | | | | Teller et al. | | <input type="checkbox"/> |
| | 18 | JP-2004-500949 | | | | Teller et al. | | <input type="checkbox"/> |
| | 19 | KR-1020027017525 | | | | Teller et al. | | <input type="checkbox"/> |
| | 20 | CA-2454655 | | | | Teller et al. | | <input type="checkbox"/> |
| | 21 | EP-1414340 | | | | Teller et al. | | <input type="checkbox"/> |
| | 22 | IL-160079 | | | | Teller et al. | | <input type="checkbox"/> |
| | 23 | JP-4283672 | | | | Teller et al. | | <input type="checkbox"/> |
| | 24 | KR-102004001744 | | | | Teller et al. | | <input type="checkbox"/> |
| | 25 | CA-2560323 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 26 | IL-178183 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 27 | JP-200750091 | | | | Stivoric et al. | | <input type="checkbox"/> |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | | |
|----|------------------|--|--|--|-----------------|--|--------------------------|
| 28 | EP-1734858 | | | | Stivoric et al. | | <input type="checkbox"/> |
| 29 | EP-2358266 | | | | Ward et al. | | <input type="checkbox"/> |
| 30 | CA-2496579 | | | | Stivoric et al. | | <input type="checkbox"/> |
| 31 | EP-1534126 | | | | Stivoric et al. | | <input type="checkbox"/> |
| 32 | IL-167045 | | | | Stivoric et al. | | <input type="checkbox"/> |
| 33 | JP-2005-536260 | | | | Stivoric et al. | | <input type="checkbox"/> |
| 34 | KR-1020057003029 | | | | Stivoric et al. | | <input type="checkbox"/> |
| 35 | MX-PA2005002024 | | | | Boehmke | | <input type="checkbox"/> |
| 36 | EP-2126828 | | | | Stivoric et al. | | <input type="checkbox"/> |
| 37 | CA-2441962 | | | | Stivoric et al. | | <input type="checkbox"/> |
| 38 | EP-1743571 | | | | Stivoric et al. | | <input type="checkbox"/> |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | | |
|---|------------------------|----------------------|------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | Richard Lee Drysdale | | |
| | Art Unit | 1742 | | |
| | Examiner Name | Unassigned | | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | | |

| | | | | | | | | |
|--|----|------------------|--|--|--|-----------------|--|--------------------------|
| | 39 | IL-158067 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 40 | JP-4125132 | | | | Stivoric et al. | | <input type="checkbox"/> |
| | 41 | KR-1020037012845 | | | | Stivoric et al. | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Edmund Lee/ | Date Considered | 06/05/2012 |
|--------------------|--------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | |
|---|------------------------|----------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 13427839 |
| | Filing Date | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale |
| | Art Unit | 1742 |
| | Examiner Name | Unassigned |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 |

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

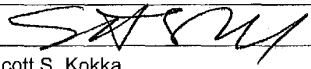
☒ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

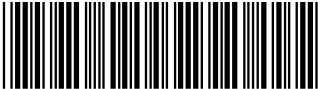
☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

| | | | |
|------------|---|---------------------|------------|
| Signature |  | Date (YYYY-MM-DD) | 2012-05-25 |
| Name/Print | Scott S. Kokka | Registration Number | 51,893 |

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

| | | | | |
|--|--------------------------------|--|--|--|
| Search Notes  | Application/Control No. | | Applicant(s)/Patent under Reexamination | |
| | 13/427,839 | | DRYSDALE ET AL. | |
| | Examiner | | Art Unit | |
| | EDMUND LEE | | 1744 | |

| SEARCHED | | | |
|----------|----------|------|----------|
| Class | Subclass | Date | Examiner |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| INTERFERENCE SEARCHED | | | |
|-----------------------|----------|------|----------|
| Class | Subclass | Date | Examiner |
| | | | |
| | | | |
| | | | |
| | | | |

| SEARCH NOTES (INCLUDING SEARCH STRATEGY) | | |
|---|----------|------|
| | DATE | EXMR |
| 264/261,263,265,135,272.14,272.17 | 7/2/2012 | EHL |
| east | | |
| inventor | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| L1 | 909 | 264/ 135.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 11:55 |
| L2 | 353 | 264/ 272.14.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 11:55 |
| L3 | 6 | 1 and 2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 11:55 |
| L4 | 1270 | 264/ 272.17.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 11:56 |
| L5 | 10 | 1 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 11:56 |
| L6 | 10 | ("3706840" "4686764" "4746392" "4812420" "4822536" "4823605" "4842685" "5098630" "5102828" "5105820").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/06/05 12:14 |
| L7 | 7 | ("4034466" "4203792" "4274423" "4322980" "4477328" "4658651" "4732042").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/06/05 12:15 |
| L8 | 59 | ("4203792").URPN. | USPAT | OR | ON | 2012/06/05 12:24 |
| L9 | 23 | ("4823605").URPN. | USPAT | OR | ON | 2012/06/05 12:25 |
| L10 | 21 | ("20020168795" "3706840" "4823605" "5562787" "5622873" "5731754" "5960844" "5977870" "6208244" "6254815" "6388567" "6420201" "6432737" "6441503" "6444069" "6534711" "6543277" "6580363" "6688353" "6722191" "6762077").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2012/06/05 12:42 |
| L11 | 55 | 2 and sensor\$1 | US-PGPUB; | OR | ON | 2012/06/05 |

| | | | | | | |
|-----|------|--|--|----|----|---------------------|
| | | | USPAT; USOCR; FPRS; EPO; JPO; DERWENT | | | 12:43 |
| L12 | 315 | (monitor\$1 sensor\$1) same strap\$1 same (mould\$3 mold\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 13:00 |
| L13 | 4 | 12 and "264"/\$7.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 13:19 |
| L14 | 729 | (monitor\$1 sensor\$1) same band\$1 same (mould\$3 mold\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:00 |
| L15 | 203 | (monitor\$1 sensor\$1) same (band\$1 near10 (mould\$3 mold\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:06 |
| L16 | 29 | 15 and "264"/\$7.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:07 |
| L17 | 1522 | 2 or 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:08 |
| L18 | 26 | 17 and (fabric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:09 |
| L19 | 157 | 17 and (sensor\$1 monitor\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:15 |
| L20 | 102 | 19 not 11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:16 |
| L21 | 177 | heart near2 monitor near2 (strap band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 |

EAST Search History

| | | | | | | |
|-----|-----|---|--|----|----|---------------------|
| | | | USPAT; USOCR; FPRS; EPO; JPO; DERWENT | | | 14:42 |
| L22 | 0 | 21 and "264"/\$7.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:43 |
| L23 | 998 | (monitor\$1 sensor\$1) same (strap\$1 band\$1) same (mould\$3 mold\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:44 |
| L24 | 96 | 23 and encapsulat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2012/06/05 14:44 |

6/ 5/ 2012 3:23:12 PM

C:\Users\elee1\Desktop\default.wsp



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371(C) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-----------------------|-----------------------|------------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 |

CONFIRMATION NO. 4793

15516
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301

PUBLICATION NOTICE



OC000000058143017

Title:COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS

Publication No.US-2012-0315379-A1

Publication Date:12/13/2012

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Drysdale et al.**

Application Serial No.: **13/427,839**

Filing Date: **March 22, 2012**

For: **COMPONENT PROTECTIVE
OVERMOLDING USING
PROTECTIVE EXTERNAL
COATINGS**

Examiner: **LEE, Edmund H.**

Confirmation No.: **4793**

Group Art Unit: **1744**


Transmission Date: January 14, 2013

Atty. Docket No.: **ALI-001CIP1CIP1CON1**

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **January 14, 2013**.

Signed: _____


Amiee H. Shin

AMENDMENT A

Dear Sir or Madam:

Please find enclosed a complete, updated claims listing and remarks in reply to the Non-Final Office Action mailed **July 12, 2012**.

CLAIMS LISTING

1. (Currently Amended) A method, comprising:

selectively applying ~~a curable coating~~ at least one covering substantially over one or more of a plurality of elements coupled ~~to~~ with a framework for a wearable device configured to be worn by a user, the plurality of elements including at least a sensor; ~~and~~

selectively forming a first inner molding that covers all or substantially all of the at least one covering, the plurality of elements, and the framework;

selectively forming a second inner molding that covers all or substantially all of the first inner molding; and

selectively forming ~~[[a]]~~ an outer molding of the wearable device, ~~substantially over a subset of the plurality of elements, the molding configured to provide a protective property~~ the outer molding covering all or substantially all of the second inner molding, the outer molding configured to be positioned in contact with the user.

2. (Currently Amended) The method of Claim 1, wherein the outer molding is comprises an anti-bacterial material.

3. **(Currently Amended)** The method of Claim 1, wherein the outer molding is comprises an oleophobic material .
4. **(Currently Amended)** The method of Claim 1, wherein the outer molding is configured to protect against ultraviolet radiation.
5. **(Currently Amended)** The method of Claim 1, wherein the outer molding is comprises a hydrophobic material .
6. **(Currently Amended)** The method of Claim 1, wherein the outer molding is configured to provide a waterproof seal over the plurality of elements.
7. **(Currently Amended)** The method of Claim 1, wherein a pattern is formed on the outer molding.
8. **(Currently Amended)** The method of Claim 1, further comprising performing an inspection of the outer molding to determine if the outer molding is defective.
9. **(Currently Amended)** The method of Claim 8, further comprising:
removing the outer molding after determining the outer molding is defective;
and
re-forming the outer molding.

10. (Previously presented) The method of Claim 1, wherein the framework is comprised of a synthetic fiber.
11. (Previously presented) The method of Claim 1, wherein the framework is formed using carbon fiber.
12. (Previously presented) The method of Claim 1, wherein the framework is comprised of one or more filaments.
13. (Previously presented) The method of Claim 1, wherein the framework is formed using a thermoplastic elastomer.
14. (Previously presented) The method of Claim 13, wherein the thermoplastic elastomer comprises polypropylene.
15. (Currently Amended) The method of Claim 1, wherein the at least one covering comprises a curable coating ~~is configured to secure the one or more of the plurality of elements to the framework~~.

16. (Currently Amended) A method, comprising:

selectively applying **[[a]] at least one** protective material substantially over one or more of a plurality of elements coupled ~~to~~ **with** a framework **for a wearable device** configured to be worn **by a user**, the plurality of elements including at least a sensor; **and**

forming one or more **inner** moldings substantially over a subset or all of the framework, the **at least one** protective material and the plurality of elements, after the ~~protective material has been selectively applied~~ **selectively applying**, at least one of the one or more **inner** moldings having a protective property **; and**

forming an outer molding of the wearable device that covers all or substantially all of the one or more inner moldings, the outer molding configured to be positioned in contact with the user .

17. (Cancelled)

18. (Currently Amended) The method of Claim 16, wherein the plurality of elements ~~is~~ **are** configured to perform an operation using data from the sensor.

19. (Previously presented) The method of Claim 16, wherein the protective property is waterproofing.

20. (Previously presented) The method of Claim 16, wherein the protective property is water-resistance.

21. (Previously presented) The method of Claim 16, wherein the protective property is being hydrophobic.
22. (Previously presented) The method of Claim 16, wherein the protective property is being oleophobic.
23. (Previously presented) The method of Claim 16, wherein the protective property is being anti-bacterial.
24. **(Currently Amended)** The method of Claim 16, wherein the **at least one** protective material is configured to protect the one or more of the plurality of elements from damage occurring during the forming **of** the one or more **inner** moldings **substantially over the framework** .
25. **(Currently Amended)** The method of Claim 16, wherein at least one of the one or more **inner** moldings comprises a medical-grade thermoplastic elastomer.
26. **(Currently Amended)** The method of Claim 16, further comprising removing and re-applying at least one of the one or more **inner** moldings after an inspection of the one or more **inner** moldings.
27. **(New)** The method of Claim 16, wherein the wherein the at least one protective material comprises a curable coating.

REMARKS

Status of the claims is as follows: **Claims 1 – 16 and 18 – 27 are Pending**; **Claim 17** stands previously **Cancelled**; **Claims 1 – 9, 15 – 16, 18, and 24 – 26** have been **Amended** herein; and **New Claim 27** was added herein.

Independent **Claim 1** was amended to aid in understanding the present application. Dependent **Claims 2 – 9 and 15** were amended to comport their language with that of amended independent **Claim 1** from which they depend.

Independent **Claim 16** was amended to aid in understanding the present application. Dependent **Claim 18** was amended to correct grammar. Dependent **Claims 24 – 26** were amended to comport their language with that of amended independent **Claim 16** from which they depend.

New dependent **Claim 27** was added herein to aid in understanding the present application.

Support for the amendments can at least be found in **FIGS. 6A – 9** of the **Drawings**, in paragraphs **[0028] – [0031], [0033] – [0036], [0040] – [0043], and [0046] – [0048]** of the **Detailed Description**, and in the **Claims** of the present application as originally filed.

No new matter was introduced by the amendments to the present application.

The Examiner has rejected **Claims 1, 5, 6, 15, 16, 18, 19, 20, 21, and 24** under **35 U.S.C. §102(b)** as being anticipated in view of cited sections of U.S. Published Patent Application No. **2004/0167409** to *Lo et al.* **Claims 2 – 4, 7 – 14, 22 – 23, and 25 – 26** were rejected by the Examiner **35 U.S.C. §103(a)** as being obvious in view of cited sections of *Lo*.

The rejections are respectfully traversed. As amended herein, independent **Claims 1 and 16**, and their respective dependent claims are not anticipated by and are non-obvious in view of the cited sections of *Lo*.

As for the **35 U.S.C. §102(b)** anticipation rejections of **Claims 1 and 16** in view of the cited sections of *Lo*, all of the claim limitations now recited in **Claims 1 and 16** are not inherently or explicitly disclosed in the cited sections of *Lo*.

As for the **35 U.S.C. §103(a)** obviousness rejections of **Claims 1 and 16** in view of the cited sections of *Lo*, none of the cited sections of *Lo* teach, suggest, or motivate one skilled in the art to arrive at all of the claim limitations now recited in **Claims 1 and 16**.

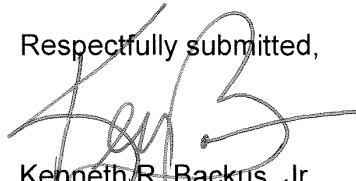
Therefore, independent **Claims 1 and 16** are not **§102(b)** anticipated by and are not **§103(a)** obvious in view of the cited sections of *Lo*. Consequently, the **§102(b)** and **§103(a)** rejections of **Claims 1 and 16** ought to now be withdrawn and **Claims 1 and 16** ought to now be allowed.

Claims 2 – 15 depend from independent **Claim 1** and are believed to be allowable for the same reasons described above.

Claims 18 – 27 depend from independent **Claim 16** and are believed to be allowable for the same reasons described above.

Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,



Kenneth R. Backus, Jr.
Reg. No. 48,861

KOKKA & BACKUS, PC
703 High Street
Palo Alto, CA 94301-2447
Tel: (650) 566-9919
Fax: (650) 566-9922

| Electronic Patent Application Fee Transmittal | | | | |
|--|----------|---|--------|----------------------|
| Application Number: | | 13427839 | | |
| Filing Date: | | 22-Mar-2012 | | |
| Title of Invention: | | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS | | |
| First Named Inventor/Applicant Name: | | RICHARD LEE DRYSDALE | | |
| Filer: | | Kenneth Robert Backus/Amiee Shin | | |
| Attorney Docket Number: | | ALI-001CIP1CIP1CON1 | | |
| Filed as Small Entity | | | | |
| Utility under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Pages: | | | | |
| Claims: | | | | |
| Miscellaneous-Filing: | | | | |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |
| Extension-of-Time: | | | | |
| Extension - 3 months with \$0 paid | 2253 | 1 | 645 | 645 |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|-------------------|----------|----------|--------|----------------------|
| Miscellaneous: | | | | |
| Total in USD (\$) | | | | 645 |

| Electronic Acknowledgement Receipt | |
|---|---|
| EFS ID: | 14695186 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Kenneth Robert Backus |
| Filer Authorized By: | |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 14-JAN-2013 |
| Filing Date: | 22-MAR-2012 |
| Time Stamp: | 17:47:46 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|---|--|------------------|------------------|
| 1 | | ALI-001CIP1CIP1CON1_Response_to_Non-Final_Office_Action_asfiled.pdf | 105486 4b4bbecdbb2f7bda0f34b480ea16ad84ddf363 | yes | 10 |

| | | | | | | | | | |
|--|--|--------------|--|------------|---|--|--|--|--|
| | Multipart Description/PDF files in .zip description | | | | | | | | |
| | Document Description | | Start | End | | | | | |
| | Transmittal Letter | | 1 | 1 | | | | | |
| | Amendment/Req. Reconsideration-After Non-Final Reject | | 2 | 10 | | | | | |
| Warnings: | | | | | | | | | |
| Information: | | | | | | | | | |
| 2 | Fee Worksheet (SB06) | fee-info.pdf | 30854 | no | 2 | | | | |
| | | | 8b4646fd62b00f545673e021c314c72a960b56b0 | | | | | | |
| Warnings: | | | | | | | | | |
| Information: | | | | | | | | | |
| Total Files Size (in bytes): | | | 136340 | | | | | | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | | | | | | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Drysdale et al.

Application Serial No.: 13/427,839

Filing Date: March 22, 2012

For: COMPONENT PROTECTIVE
OVERMOLDING USING PROTECTIVE
EXTERNAL COATINGS

Examiner: LEE, Edmund H.

Confirmation No.: 4793

Group Art Unit: 1744

Transmission Date: January 14, 2013

Atty. Docket No.: ALI-001CIP1CIP1CON1

Certificate of Transmission

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office (USPTO) electronic filing system (EFS-Web) to the USPTO on **January 14, 2013**

Signed: _____

Amice H. Shin

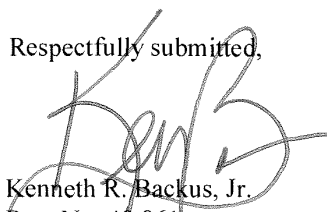
**WRITTEN ASSERTION FOR NOTIFICATION OF ENTITLEMENT TO SMALL ENTITY
STATUS UNDER 37 CFR § 1.27(c)(1)**

Dear Sir or Madam:

In accordance with 37 CFR § 1.27(c)(1), Applicant is submitting this written assertion for notification of entitlement to small entity status in the above-referenced patent application. This written assertion is intended to notify the Office of Applicant's entitlement to small entity status.

Please contact the undersigned representative below if you have any questions or require any additional information.

Respectfully submitted,


Kenneth R. Backus, Jr.
Reg. No. 48,861

KOKKA & BACKUS, PC
703 High Street
Palo Alto, CA 94301
Tel.: (650) 566-9919
Fax: (650) 566-9922

| Electronic Patent Application Fee Transmittal | | | | |
|---|----------|---|--------|----------------------|
| Application Number: | | 13427839 | | |
| Filing Date: | | 22-Mar-2012 | | |
| Title of Invention: | | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS | | |
| First Named Inventor/Applicant Name: | | RICHARD LEE DRYSDALE | | |
| Filer: | | Scott Susumu Kokka | | |
| Attorney Docket Number: | | ALI-001CIP1CIP1CON1 | | |
| Filed as Small Entity | | | | |
| Utility under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Pages: | | | | |
| Claims: | | | | |
| Miscellaneous-Filing: | | | | |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |
| Extension-of-Time: | | | | |
| Extension - 3 months with \$0 paid | 2253 | 1 | 645 | 645 |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|-------------------|----------|----------|--------|----------------------|
| Miscellaneous: | | | | |
| Total in USD (\$) | | | | 645 |

| Electronic Acknowledgement Receipt | |
|---|---|
| EFS ID: | 14697019 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Scott Susumu Kokka |
| Filer Authorized By: | |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 14-JAN-2013 |
| Filing Date: | 22-MAR-2012 |
| Time Stamp: | 19:05:03 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$ 645 |
| RAM confirmation Number | 6724 |
| Deposit Account | |
| Authorized User | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|----------------------------------|------------------|------------------|
|-----------------|----------------------|-----------|----------------------------------|------------------|------------------|

| | | | | | |
|---|----------------------|--------------|--|-------|---|
| 1 | Fee Worksheet (SB06) | fee-info.pdf | 30584 | no | 2 |
| | | | 37a37d510935961d9188e32967aaa35c73d2d457 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| | | | Total Files Size (in bytes): | 30584 | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | | | | | Application or Docket Number 13/427,839 | | Filing Date 03/22/2012 | | <input type="checkbox"/> To be Mailed | |
|---|---|----------------------------------|------------------------------------|---------------|---|---|----------------------------------|-------------------------|---------------------------------------|--|
| APPLICATION AS FILED – PART I | | | | | | | | | | |
| (Column 1) | | | (Column 2) | | | SMALL ENTITY <input checked="" type="checkbox"/> OR | | OTHER THAN SMALL ENTITY | | |
| FOR | NUMBER FILED | NUMBER EXTRA | RATE (\$) | FEE (\$) | OR | RATE (\$) | FEE (\$) | | | |
| <input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c)) | N/A | N/A | N/A | | | N/A | | | | |
| <input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m)) | N/A | N/A | N/A | | | N/A | | | | |
| <input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q)) | N/A | N/A | N/A | | | N/A | | | | |
| TOTAL CLAIMS (37 CFR 1.16(i)) | minus 20 = | * | X \$ = | | OR | X \$ = | | | | |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | minus 3 = | * | X \$ = | | | X \$ = | | | | |
| <input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | | | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | | | | | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | | | | | | | | |
| APPLICATION AS AMENDED – PART II | | | | | | | | | | |
| (Column 1) | | | (Column 2) | | | SMALL ENTITY OR | | OTHER THAN SMALL ENTITY | | |
| AMENDMENT | 01/14/2013 | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | OR | RATE (\$) | ADDITIONAL FEE (\$) | |
| | Total (37 CFR 1.16(i)) | * 26 | Minus | ** 26 | = 0 | X \$31 = | 0 | OR | X \$ = | |
| | Independent (37 CFR 1.16(h)) | * 2 | Minus | *** 3 | = 0 | X \$125 = | 0 | OR | X \$ = | |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | | | | | |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | | | | |
| | | | | | | TOTAL ADD'L FEE | 0 | OR | TOTAL ADD'L FEE | |
| (Column 1) | | | (Column 2) | | | SMALL ENTITY OR | | OTHER THAN SMALL ENTITY | | |
| AMENDMENT | | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | OR | RATE (\$) | ADDITIONAL FEE (\$) | |
| | Total (37 CFR 1.16(i)) | * | Minus | ** | = | X \$ = | | OR | X \$ = | |
| | Independent (37 CFR 1.16(h)) | * | Minus | *** | = | X \$ = | | OR | X \$ = | |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | | | | | |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | | | | |
| | | | | | | TOTAL ADD'L FEE | | OR | TOTAL ADD'L FEE | |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. | | | | | | | | | | |

Legal Instrument Examiner:
/JAMES MASON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| | | | | |
|--|-------------|----------------------|---------------------------|------------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 | 4793 |
| 15516 7590 Kokka & Backus, PC 703 High Street Palo Alto, CA 94301 | | | EXAMINER LEE, EDMUND H | |
| | | | ART UNIT 1744 | PAPER NUMBER |
| | | | MAIL DATE 04/01/2013 | DELIVERY MODE PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 13/427,839 | DRYSDALE ET AL. | |
| | Examiner | Art Unit | |
| | EDMUND LEE | 1744 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 January 2013.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 5) ☒ Claim(s) 1-16 and 18-27 is/are pending in the application.
- 5a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 1-16 and 18-27 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 3) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. ____ . |
| 2) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date ____ . | 4) <input type="checkbox"/> Other: ____ . |

DETAILED ACTION

1. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

2. Claims 1-16 and 18-27 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 28-54 of copending Application No. 13/158416. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claims of Application No. 13/158416 fully encompass instant claims 1-16 and 18-27.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

3. Claims 1-16 and 18-27 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 28-54 of copending Application No. 13/135728. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claims of Application No. 13/135728 fully encompass instant claims 1-16 and 18-27.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

4. Claims 1-16 and 18-27 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 28-54 of copending Application No. 13/158372. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claims of Application No. 13/158372 fully encompass instant claims 1-16 and 18-27.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

5. Applicant's arguments with respect to claims 1-16 and 18-27 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDMUND LEE whose telephone number is (571)272-

Art Unit: 1744

1204. The examiner can normally be reached on MONDAY-THURSDAY FROM 9AM-4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on 571.272.1316. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

EDMUND H. LEE
Primary Examiner
Art Unit 1744

EHL
/EDMUND H. LEE/
Primary Examiner, Art Unit 1744

EAST Search History

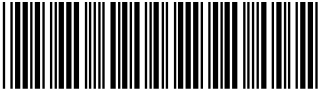
EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| L1 | 1 | ("20040167409").PN. | US-PGPUB; USPAT | OR | OFF | 2013/03/26 09:36 |
| L2 | 9 | ("2004/0167409").URPN. | USPAT | OR | ON | 2013/03/26 09:44 |
| L3 | 24 | lo-thomas\$.in. | USPAT | OR | ON | 2013/03/26 09:44 |
| L4 | 1 | 3 and heart | USPAT | OR | ON | 2013/03/26 09:45 |
| L5 | 1 | ("7547282").PN. | USPAT | OR | OFF | 2013/03/26 09:46 |
| L6 | 57 | ("20010033825" "20010034486" "20010039380" "20010056243" "20020019586" "20020068871" "20020151810" "20060106311" "3020260" "3978849" "4083366" "4086916" "4122427" "4163447" "4239048" "4256117" "4357944" "4369284" "4413629" "4556066" "4947859" "5130955" "5136621" "5197489" "5243992" "5265614" "5309916" "5318035" "5431170" "5474072" "5494038" "5738104" "5782767" "5795300" "5807267" "5810736" "5876350" "5941837" "5960089" "6039694" "6080111" "6156842" "6302848" "6364842" "6371920" "6394960" "6447456" "6554772" "6584660" "6623435" "6716169" "6744178" "6758816" "6767329" "6843771" "6992443").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2013/03/26 09:46 |
| L7 | 3681 | 264/255.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:18 |
| L8 | 379 | 264/272.14.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:21 |
| L9 | 1285 | 264/272.17.ccls. | US-PGPUB; USPAT; USOCR; | OR | ON | 2013/03/26 10:21 |

| | | | | | | |
|-----|---------|--|--|----|----|---------------------|
| | | | FPRS; EPO; JPO; DERWENT | | | |
| L10 | 1015 | 264/279.1.ccls. | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:22 |
| L11 | 5 | 7 and 8 | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:22 |
| L12 | 26 | 7 and 9 | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:22 |
| L13 | 94 | 7 and 10 | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:27 |
| L14 | 1 | 13 and 9 | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:28 |
| L15 | 66 | 10 and (watch\$1 sensor\$1 monitor\$1) | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:29 |
| L16 | 1722002 | "19" and (watch\$1 sensor\$1 monitor\$1) | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 11:00 |
| L17 | 122 | 9 and (watch\$1 sensor\$1 monitor\$1) | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 11:00 |

3/ 26/ 2013 11:40:36 AM

C:\Users\elee1\Desktop\default.wsp

| | | |
|--|---|--|
| Search Notes  | Application/Control No. 13/427,839 Examiner EDMUND LEE | Applicant(s)/Patent under Reexamination DRYSDALE ET AL. Art Unit 1744 |
|--|---|--|

| SEARCHED | | | |
|----------|----------|------|----------|
| Class | Subclass | Date | Examiner |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| INTERFERENCE SEARCHED | | | |
|-----------------------|----------|------|----------|
| Class | Subclass | Date | Examiner |
| | | | |
| | | | |
| | | | |
| | | | |

| SEARCH NOTES (INCLUDING SEARCH STRATEGY) | | |
|---|-----------|------|
| | DATE | EXMR |
| updated | 3/26/2013 | EHL |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| L1 | 1 | ("20040167409").PN. | US-PGPUB; USPAT | OR | OFF | 2013/03/26 09:36 |
| L2 | 9 | ("2004/0167409").URPN. | USPAT | OR | ON | 2013/03/26 09:44 |
| L3 | 24 | lo-thomas\$.in. | USPAT | OR | ON | 2013/03/26 09:44 |
| L4 | 1 | 3 and heart | USPAT | OR | ON | 2013/03/26 09:45 |
| L5 | 1 | ("7547282").PN. | USPAT | OR | OFF | 2013/03/26 09:46 |
| L6 | 57 | ("20010033825" "20010034486" "20010039380" "20010056243" "20020019586" "20020068871" "20020151810" "20060106311" "3020260" "3978849" "4083366" "4086916" "4122427" "4163447" "4239048" "4256117" "4357944" "4369284" "4413629" "4556066" "4947859" "5130955" "5136621" "5197489" "5243992" "5265614" "5309916" "5318035" "5431170" "5474072" "5494038" "5738104" "5782767" "5795300" "5807267" "5810736" "5876350" "5941837" "5960089" "6039694" "6080111" "6156842" "6302848" "6364842" "6371920" "6394960" "6447456" "6554772" "6584660" "6623435" "6716169" "6744178" "6758816" "6767329" "6843771" "6992443").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2013/03/26 09:46 |
| L7 | 3681 | 264/255.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:18 |
| L8 | 379 | 264/272.14.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:21 |
| L9 | 1285 | 264/272.17.ccls. | US-PGPUB; USPAT; USOCR; | OR | ON | 2013/03/26 10:21 |

| | | | | | | |
|-----|---------|--|--|----|----|---------------------|
| | | | FPRS; EPO; JPO; DERWENT | | | |
| L10 | 1015 | 264/279.1.ccls. | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:22 |
| L11 | 5 | 7 and 8 | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:22 |
| L12 | 26 | 7 and 9 | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:22 |
| L13 | 94 | 7 and 10 | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:27 |
| L14 | 1 | 13 and 9 | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:28 |
| L15 | 66 | 10 and (watch\$1 sensor\$1 monitor\$1) | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 10:29 |
| L16 | 1722002 | "19" and (watch\$1 sensor\$1 monitor\$1) | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 11:00 |
| L17 | 122 | 9 and (watch\$1 sensor\$1 monitor\$1) | US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2013/03/26 11:00 |

3/ 26/ 2013 11:41:23 AM

C:\Users\elee1\Desktop\default.wsp

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Drysdale et al.**

Application No.: **13/427,839**

Filed: **March 22, 2012**

For: **COMPONENT PROTECTIVE
OVERMOLDING USING
PROTECTIVE EXTERNAL
COATINGS**

Confirmation No.: **4793**

Examiner: **LEE, Edmund H.**

Group Art Unit: **1744**

Date: **May 30, 2013**

Atty. Docket No.: **ALI-001CIP1CIP1CON1**

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **May 30, 2013**.

Signed: _____



Amiee H. Shin

AMENDMENT B

Dear Sir or Madam:

Please find enclosed a complete, updated claim listing and remarks in response to the **Final Office Action** mailed **April 1, 2013**.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Previously Presented) A method, comprising:

selectively applying at least one covering substantially over one or more of a plurality of elements coupled with a framework for a wearable device configured to be worn by a user, the plurality of elements including at least a sensor;

selectively forming a first inner molding that covers all or substantially all of the at least one covering, the plurality of elements, and the framework;

selectively forming a second inner molding that covers all or substantially all of the first inner molding; and

selectively forming an outer molding of the wearable device, the outer molding covering all or substantially all of the second inner molding, the outer molding configured to be positioned in contact with the user.

2. (Previously Presented) The method of Claim 1, wherein the outer molding comprises an anti-bacterial material.

3. (Previously Presented) The method of Claim 1, wherein the outer molding comprises an oleophobic material.

4. (Previously Presented) The method of Claim 1, wherein the outer molding is configured to protect against ultraviolet radiation.

5. (Previously Presented) The method of Claim 1, wherein the outer molding comprises a hydrophobic material.
6. (Previously Presented) The method of Claim 1, wherein the outer molding is configured to provide a waterproof seal over the plurality of elements.
7. (Previously Presented) The method of Claim 1, wherein a pattern is formed on the outer molding.
8. (Previously Presented) The method of Claim 1, further comprising performing an inspection of the outer molding to determine if the outer molding is defective.
9. (Previously Presented) The method of Claim 8, further comprising:

removing the outer molding after determining the outer molding is defective; and

re-forming the outer molding.
10. (Previously Presented) The method of Claim 1, wherein the framework is comprised of a synthetic fiber.
11. (Previously Presented) The method of Claim 1, wherein the framework is formed using carbon fiber.
12. (Previously Presented) The method of Claim 1, wherein the framework is comprised of one or more filaments.
13. (Previously Presented) The method of Claim 1, wherein the framework is formed using a thermoplastic elastomer.
14. (Previously Presented) The method of Claim 13, wherein the thermoplastic elastomer comprises polypropylene.

15. (Previously Presented) The method of Claim 1, wherein the at least one covering comprises a curable coating.

16. (Previously Presented) A method, comprising:

selectively applying at least one protective material substantially over one or more of a plurality of elements coupled with a framework for a wearable device configured to be worn by a user, the plurality of elements including at least a sensor;

forming one or more inner moldings substantially over a subset or all of the framework, the at least one protective material and the plurality of elements, after the selectively applying, at least one of the one or more inner moldings having a protective property; and

forming an outer molding of the wearable device that covers all or substantially all of the one or more inner moldings, the outer molding configured to be positioned in contact with the user.

17. **(Cancelled)**

18. (Previously Presented) The method of Claim 16, wherein the plurality of elements are configured to perform an operation using data from the sensor.

19. (Previously Presented) The method of Claim 16, wherein the protective property is waterproofing.

20. **(Currently Amended)** The method of Claim 16, wherein the protective property is water-resistance ~~water-resistance~~ .

21. (Previously Presented) The method of Claim 16, wherein the protective property is being hydrophobic.

22. (Previously Presented) The method of Claim 16, wherein the protective property is being oleophobic.
23. (Previously Presented) The method of Claim 16, wherein the protective property is being anti-bacterial.
24. (Previously Presented) The method of Claim 16, wherein the at least one protective material is configured to protect the one or more of the plurality of elements from damage occurring during the forming of the one or more inner moldings.
25. (Previously Presented) The method of Claim 16, wherein at least one of the one or more inner moldings comprises a medical-grade thermoplastic elastomer.
26. (Previously Presented) The method of Claim 16, further comprising removing and re-applying at least one of the one or more inner moldings after an inspection of the one or more inner moldings.
27. **(Currently Amended)** The method of Claim 16, wherein the ~~wherein the~~ at least one protective material comprises a curable coating.

REMARKS

The status of the claims is as follows: **Claims 1 – 16** and **18 – 27** are **Pending**; **Claim 17** is **Cancelled**; and **Claims 20** and **27** have been **Amended** herein.

Dependent **Claims 20** and **27** were amended herein to correct grammar.

No new matter was introduced by the amendments to the present application.

Claims 1 – 16 and **18 – 27** stand provisionally rejected on grounds of Non-Statutory Obviousness-Type Double Patenting, as being unpatentable in view of claims 28 – 54 in the following Co-Pending U.S. Patent Applications: Application Serial No. **13/158,416**; Application Serial No. **13/135,728**; and Application Serial No. **13/158,372**.

The rejections are respectfully traversed.

ARGUMENT

a. **Provisional Rejection of Claims 1 – 16 and 18 – 27 on grounds of Non-Statutory Obviousness-Type Double Patenting as being unpatentable in view of claims 28 – 54 of Co-Pending Application Serial No. 13/158,416**

The provisional rejection of **Claims 1 – 16** and **18 – 27** on grounds of Non-Statutory Obviousness-Type Double Patenting ought to now be withdrawn and **Claims 1 – 16** and **18 – 27** ought to now be allowed in view of the attached Terminal Disclaimer Under **37 C.F.R. § 1.321** referencing Co-Pending Application Serial No. **13/158,416**.

b. Provisional Rejection of Claims 1 – 16 and 18 – 27 on grounds of Non-Statutory Obviousness-Type Double Patenting as being unpatentable in view of claims 28 – 54 of Co-Pending Application Serial No. 13/135,728

The provisional rejection of **Claims 1 – 16 and 18 – 27** on grounds of Non-Statutory Obviousness-Type Double Patenting ought to now be withdrawn and **Claims 1 – 16 and 18 – 27** ought to now be allowed in view of the attached Terminal Disclaimer Under **37 C.F.R. § 1.321** referencing Co-Pending Application Serial No. **13/135,728**.

c. Provisional Rejection of Claims 1 – 16 and 18 – 27 on grounds of Non-Statutory Obviousness-Type Double Patenting as being unpatentable in view of claims 28 – 54 of Co-Pending Application Serial No. 13/158,372

The provisional rejection of **Claims 1 – 16 and 18 – 27** on grounds of Non-Statutory Obviousness-Type Double Patenting ought to now be withdrawn and **Claims 1 – 16 and 18 – 27** ought to now be allowed in view of the attached Terminal Disclaimer Under **37 C.F.R. § 1.321** referencing Co-Pending Application Serial No. **13/158,372**.

Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J H Denny III', written in a cursive style.

Trueman H. Denny, III
Reg. No. **44,652**

KOKKA & BACKUS, PC
703 High Street
Palo Alto, CA 94301-2447
Tel: (650) 566-9917
Fax: (650) 566-9922

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Drysdale et al.

Application No.: **13/427,839**

Filed: **March 22, 2012**

For: **COMPONENT PROTECTIVE
OVERMOLDING USING
PROTECTIVE EXTERNAL
COATINGS**

Confirmation No.: **4793**

Examiner: **LEE, Edmund H.**

Group Art Unit: **1744**

Date: **May 30, 2013**

Atty. Docket No.: **ALI-001CIP1CIP1CON1**

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **May 30, 2013**.

Signed: _____



Amiee H. Shin

**TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321
TO OBVIATE A PROVISIONAL OBVIOUSNESS-TYPE DOUBLE
PATENTING REJECTION**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

The owner, AliphCom (Assignee), of the entire interest in the above-identified application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the above-identified application (hereafter "instant application"), which would extend beyond the expiration date of the full statutory term defined in **35 U.S.C. 154** and **173** of any patent granted on co-pending U.S. Patent Application No. **13/158,416**, filed on **June 11, 2011**, U.S. Patent Application No. **13/135,728**, filed on **July 12, 2011**, and U.S. Patent Application No. **13/158,372**, filed on **June 10, 2011** (collectively "reference patent applications"), as the term of any patent granted on said reference patent applications may be shortened by any terminal disclaimer filed prior to the grant of any patent on the

reference patent applications. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the reference patent applications are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the above-identified application that would extend to the expiration date of the full statutory term as defined in **35 U.S.C. 154** and **173** of any patent(s) granted on said reference patent applications, as the term of any patent(s) granted on said reference patent applications may be shortened by any terminal disclaimer filed prior to the grant of any patent(s) on the co-pending reference applications, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under **37 CFR 1.321**, has all claims canceled by a reexamination certificate, is reissued or is in any matter terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

If any questions arise regarding this statutory disclaimer, please contact the undersigned attorney of record.

Respectfully submitted,



Trueman H. Denny, III
Reg. No. **44,652**

Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301
Tel: (650) 566-9917
Fax: (650) 566-9922

| Electronic Acknowledgement Receipt | |
|--------------------------------------|---|
| EFS ID: | 15906592 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Trueman Homer Denny |
| Filer Authorized By: | |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 30-MAY-2013 |
| Filing Date: | 22-MAR-2012 |
| Time Stamp: | 19:06:28 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|---|--|------------------|------------------|
| 1 | | ALI-001CIP1CIP1CON1_Response_to_Final_Office_Action_asfiled.pdf | 134223 a28dc5f54945a196257eb9966a4605e4931a10ac | yes | 10 |

| | | | |
|--|---|--------|-----|
| | Multipart Description/PDF files in .zip description | | |
| | Document Description | Start | End |
| | Amendment After Final | 1 | 8 |
| | Terminal Disclaimer Filed | 9 | 10 |
| Warnings: | | | |
| Information: | | | |
| Total Files Size (in bytes): | | 134223 | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | |


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | | | | | | |
|--|--|---|-------|---|---------------|----------------------------------|--|---------------------------------------|--|
| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | | | | Application or Docket Number 13/427,839 | | Filing Date 03/22/2012 | | <input type="checkbox"/> To be Mailed | |
| ENTITY: <input type="checkbox"/> LARGE <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> MICRO | | | | | | | | | |
| APPLICATION AS FILED – PART I | | | | | | | | | |
| | | (Column 1) | | (Column 2) | | | | | |
| FOR | | NUMBER FILED | | NUMBER EXTRA | | RATE (\$) | | FEE (\$) | |
| <input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c)) | | N/A | | N/A | | N/A | | | |
| <input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m)) | | N/A | | N/A | | N/A | | | |
| <input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q)) | | N/A | | N/A | | N/A | | | |
| TOTAL CLAIMS (37 CFR 1.16(i)) | | minus 20 = | | * | | X \$ = | | | |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | | minus 3 = | | * | | X \$ = | | | |
| <input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s)) | | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | | | | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | | | | TOTAL | | | |
| APPLICATION AS AMENDED – PART II | | | | | | | | | |
| | | (Column 1) | | (Column 2) | | (Column 3) | | | |
| AMENDMENT | 01/14/2013 | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | | ADDITIONAL FEE (\$) | |
| | Total (37 CFR 1.16(i)) | * 26 | Minus | ** 26 | = 0 | X \$31 = | | 0 | |
| | Independent (37 CFR 1.16(h)) | * 2 | Minus | *** 3 | = 0 | X \$125 = | | 0 | |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | | |
| | | | | | | TOTAL ADD'L FEE | | 0 | |
| | | (Column 1) | | (Column 2) | | (Column 3) | | | |
| AMENDMENT | 05/30/2013 | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | | ADDITIONAL FEE (\$) | |
| | Total (37 CFR 1.16(i)) | * 26 | Minus | ** 26 | = 0 | X \$40 = | | 0 | |
| | Independent (37 CFR 1.16(h)) | * 2 | Minus | *** 3 | = 0 | X \$210 = | | 0 | |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | | |
| | | | | | | TOTAL ADD'L FEE | | 0 | |
| <p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p> | | | | | | | | | |

LIE
/GLENN BURNS JR/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

| | | | |
|--|--|---|--|
| Application Number  | Application/Control No. 13/427,839 | Applicant(s)/Patent under Reexamination DRYSDALE ET AL. | |
| Document Code - DISQ | | Internal Document – DO NOT MAIL | |

| | | |
|--------------------------------|--|---|
| TERMINAL DISCLAIMER | <input type="checkbox"/> APPROVED | <input checked="" type="checkbox"/> DISAPPROVED |
| Date Filed : 05/30/13 | This patent is subject to a Terminal Disclaimer | |

Approved/Disapproved by:

Td Fees not paid and no authorization to charged deposit account, see FP 14.24 and 14.26.07.

Angie Walker



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------------|------------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 | 4793 |
| 15516 7590 06/07/2013 Kokka & Backus, PC 703 High Street Palo Alto, CA 94301 | | | EXAMINER LEE, EDMUND H | |
| | | | ART UNIT 1744 | PAPER NUMBER |
| | | | MAIL DATE 06/07/2013 | DELIVERY MODE PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Attachment to Advisory Action

1. Applicant's arguments filed 5/30/13 have been fully considered but they are not persuasive. First, applicant's after-final amendment filed 5/30/13 has been entered since it corrects 112,2nd paragraph issues. Second, the terminal disclaimer filed 5/30/13 has been disapproved because there is no authorization to charge terminal disclaimer fees.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDMUND LEE whose telephone number is (571)272-1204. The examiner can normally be reached on MONDAY-THURSDAY FROM 9AM-4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on 571.272.1316. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

EDMUND H. LEE
Primary Examiner
Art Unit 1744

EHL
/EDMUND H. LEE/
Primary Examiner, Art Unit 1744

| | | |
|---|--------------------------------------|--|
| Advisory Action Before the Filing of an Appeal Brief | Application No. 13/427,839 | Applicant(s) DRYSDALE ET AL. |
| | Examiner EDMUND LEE | Art Unit 1744 |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 30 May 2013 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:

a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.

b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires _____ months from the mailing date of the prior Advisory Action or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because

a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);

b) ☐ They raise the issue of new matter (see NOTE below);

c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☐ will not be entered, or (b) ☒ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.

12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____

13. ☐ Other: _____.

STATUS OF CLAIMS

14. The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: ---.

Claim(s) objected to: ----.

Claim(s) rejected: 1-16 and 18-27.

Claim(s) withdrawn from consideration: _____.

| | |
|--------|---|
| 6/5/13 | /EDMUND H. LEE/ Primary Examiner Art Unit: 1744 |
|--------|---|

Receipt date: 05/30/2013

OK TO ENTER: /EL/

13427839 - GAU: 1744

Atty. Docket No.: ALI-001CIP1CIP1CON1
Serial No.: 13/427,839

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Drysdale et al.**

Application No.: **13/427,839**

Filed: **March 22, 2012**

For: **COMPONENT PROTECTIVE
OVERMOLDING USING
PROTECTIVE EXTERNAL
COATINGS**

Confirmation No.: **4793**

Examiner: **LEE, Edmund H.**

Group Art Unit: **1744**

Date: **May 30, 2013**

Atty. Docket No.: **ALI-001CIP1CIP1CON1**

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **May 30, 2013**.

Signed: _____



Amiee H. Shin

AMENDMENT B

Dear Sir or Madam:

Please find enclosed a complete, updated claim listing and remarks in response to the **Final Office Action** mailed **April 1, 2013**.

Exhibit A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Drysdale et al.**

Application No.: **13/427,839**

Filed: **March 22, 2012**

For: **COMPONENT PROTECTIVE
OVERMOLDING USING
PROTECTIVE EXTERNAL
COATINGS**

Confirmation No.: **4793**

Examiner: **LEE, Edmund H.**

Group Art Unit: **1744**

Date: **May 30, 2013**

Atty. Docket No.: **ALI-001CIP1CIP1CON1**

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **May 30, 2013**.

Signed: _____



Amiee H. Shin

AMENDMENT B

Dear Sir or Madam:

Please find enclosed a complete, updated claim listing and remarks in response to the **Final Office Action** mailed **April 1, 2013**.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Previously Presented) A method, comprising:

selectively applying at least one covering substantially over one or more of a plurality of elements coupled with a framework for a wearable device configured to be worn by a user, the plurality of elements including at least a sensor;

selectively forming a first inner molding that covers all or substantially all of the at least one covering, the plurality of elements, and the framework;

selectively forming a second inner molding that covers all or substantially all of the first inner molding; and

selectively forming an outer molding of the wearable device, the outer molding covering all or substantially all of the second inner molding, the outer molding configured to be positioned in contact with the user.

2. (Previously Presented) The method of Claim 1, wherein the outer molding comprises an anti-bacterial material.

3. (Previously Presented) The method of Claim 1, wherein the outer molding comprises an oleophobic material.

4. (Previously Presented) The method of Claim 1, wherein the outer molding is configured to protect against ultraviolet radiation.

5. (Previously Presented) The method of Claim 1, wherein the outer molding comprises a hydrophobic material.
6. (Previously Presented) The method of Claim 1, wherein the outer molding is configured to provide a waterproof seal over the plurality of elements.
7. (Previously Presented) The method of Claim 1, wherein a pattern is formed on the outer molding.
8. (Previously Presented) The method of Claim 1, further comprising performing an inspection of the outer molding to determine if the outer molding is defective.
9. (Previously Presented) The method of Claim 8, further comprising:

removing the outer molding after determining the outer molding is defective; and

re-forming the outer molding.
10. (Previously Presented) The method of Claim 1, wherein the framework is comprised of a synthetic fiber.
11. (Previously Presented) The method of Claim 1, wherein the framework is formed using carbon fiber.
12. (Previously Presented) The method of Claim 1, wherein the framework is comprised of one or more filaments.
13. (Previously Presented) The method of Claim 1, wherein the framework is formed using a thermoplastic elastomer.
14. (Previously Presented) The method of Claim 13, wherein the thermoplastic elastomer comprises polypropylene.

15. (Previously Presented) The method of Claim 1, wherein the at least one covering comprises a curable coating.

16. (Previously Presented) A method, comprising:

selectively applying at least one protective material substantially over one or more of a plurality of elements coupled with a framework for a wearable device configured to be worn by a user, the plurality of elements including at least a sensor;

forming one or more inner moldings substantially over a subset or all of the framework, the at least one protective material and the plurality of elements, after the selectively applying, at least one of the one or more inner moldings having a protective property; and

forming an outer molding of the wearable device that covers all or substantially all of the one or more inner moldings, the outer molding configured to be positioned in contact with the user.

17. **(Cancelled)**

18. (Previously Presented) The method of Claim 16, wherein the plurality of elements are configured to perform an operation using data from the sensor.

19. (Previously Presented) The method of Claim 16, wherein the protective property is waterproofing.

20. **(Currently Amended)** The method of Claim 16, wherein the protective property is water-resistance ~~water-resistance~~ .

21. (Previously Presented) The method of Claim 16, wherein the protective property is being hydrophobic.

22. (Previously Presented) The method of Claim 16, wherein the protective property is being oleophobic.
23. (Previously Presented) The method of Claim 16, wherein the protective property is being anti-bacterial.
24. (Previously Presented) The method of Claim 16, wherein the at least one protective material is configured to protect the one or more of the plurality of elements from damage occurring during the forming of the one or more inner moldings.
25. (Previously Presented) The method of Claim 16, wherein at least one of the one or more inner moldings comprises a medical-grade thermoplastic elastomer.
26. (Previously Presented) The method of Claim 16, further comprising removing and re-applying at least one of the one or more inner moldings after an inspection of the one or more inner moldings.
27. **(Currently Amended)** The method of Claim 16, wherein the ~~wherein the~~ at least one protective material comprises a curable coating.

REMARKS

The status of the claims is as follows: **Claims 1 – 16 and 18 – 27 are Pending; Claim 17 is Cancelled; and Claims 20 and 27 have been Amended** herein.

Dependent **Claims 20 and 27** were amended herein to correct grammar.

No new matter was introduced by the amendments to the present application.

Claims 1 – 16 and 18 – 27 stand provisionally rejected on grounds of Non-Statutory Obviousness-Type Double Patenting, as being unpatentable in view of claims 28 – 54 in the following Co-Pending U.S. Patent Applications: Application Serial No. **13/158,416**; Application Serial No. **13/135,728**; and Application Serial No. **13/158,372**.

The rejections are respectfully traversed.

ARGUMENT

a. **Provisional Rejection of Claims 1 – 16 and 18 – 27 on grounds of Non-Statutory Obviousness-Type Double Patenting as being unpatentable in view of claims 28 – 54 of Co-Pending Application Serial No. 13/158,416**

The provisional rejection of **Claims 1 – 16 and 18 – 27** on grounds of Non-Statutory Obviousness-Type Double Patenting ought to now be withdrawn and **Claims 1 – 16 and 18 – 27** ought to now be allowed in view of the attached Terminal Disclaimer Under **37 C.F.R. § 1.321** referencing Co-Pending Application Serial No. **13/158,416**.

b. Provisional Rejection of Claims 1 – 16 and 18 – 27 on grounds of Non-Statutory Obviousness-Type Double Patenting as being unpatentable in view of claims 28 – 54 of Co-Pending Application Serial No. 13/135,728

The provisional rejection of **Claims 1 – 16 and 18 – 27** on grounds of Non-Statutory Obviousness-Type Double Patenting ought to now be withdrawn and **Claims 1 – 16 and 18 – 27** ought to now be allowed in view of the attached Terminal Disclaimer Under **37 C.F.R. § 1.321** referencing Co-Pending Application Serial No. **13/135,728**.

c. Provisional Rejection of Claims 1 – 16 and 18 – 27 on grounds of Non-Statutory Obviousness-Type Double Patenting as being unpatentable in view of claims 28 – 54 of Co-Pending Application Serial No. 13/158,372

The provisional rejection of **Claims 1 – 16 and 18 – 27** on grounds of Non-Statutory Obviousness-Type Double Patenting ought to now be withdrawn and **Claims 1 – 16 and 18 – 27** ought to now be allowed in view of the attached Terminal Disclaimer Under **37 C.F.R. § 1.321** referencing Co-Pending Application Serial No. **13/158,372**.

Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J H Denny III', written in a cursive style.

Trueman H. Denny, III
Reg. No. **44,652**

KOKKA & BACKUS, PC
703 High Street
Palo Alto, CA 94301-2447
Tel: (650) 566-9917
Fax: (650) 566-9922

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Drysdale et al.

Application No.: **13/427,839**

Filed: **March 22, 2012**

For: **COMPONENT PROTECTIVE
OVERMOLDING USING
PROTECTIVE EXTERNAL
COATINGS**

Confirmation No.: **4793**

Examiner: **LEE, Edmund H.**

Group Art Unit: **1744**

Date: **May 30, 2013**

Atty. Docket No.: **ALI-001CIP1CIP1CON1**

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **May 30, 2013**.

Signed: _____



Amice H. Shin

**TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321
TO OBVIATE A PROVISIONAL OBVIOUSNESS-TYPE DOUBLE
PATENTING REJECTION**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

The owner, AliphCom (Assignee), of the entire interest in the above-identified application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the above-identified application (hereafter "instant application"), which would extend beyond the expiration date of the full statutory term defined in **35 U.S.C. 154** and **173** of any patent granted on co-pending U.S. Patent Application No. **13/158,416**, filed on **June 11, 2011**, U.S. Patent Application No. **13/135,728**, filed on **July 12, 2011**, and U.S. Patent Application No. **13/158,372**, filed on **June 10, 2011** (collectively "reference patent applications"), as the term of any patent granted on said reference patent applications may be shortened by any terminal disclaimer filed prior to the grant of any patent on the

reference patent applications. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the reference patent applications are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the above-identified application that would extend to the expiration date of the full statutory term as defined in **35 U.S.C. 154** and **173** of any patent(s) granted on said reference patent applications, as the term of any patent(s) granted on said reference patent applications may be shortened by any terminal disclaimer filed prior to the grant of any patent(s) on the co-pending reference applications, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under **37 CFR 1.321**, has all claims canceled by a reexamination certificate, is reissued or is in any matter terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

If any questions arise regarding this statutory disclaimer, please contact the undersigned attorney of record.

Respectfully submitted,



Trueman H. Denny, III
Reg. No. **44,652**

Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301
Tel: (650) 566-9917
Fax: (650) 566-9922

| Electronic Acknowledgement Receipt | |
|---|---|
| EFS ID: | 15906592 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Trueman Homer Denny |
| Filer Authorized By: | |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 30-MAY-2013 |
| Filing Date: | 22-MAR-2012 |
| Time Stamp: | 19:06:28 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|---|--|------------------|------------------|
| 1 | | ALI-001CIP1CIP1CON1_Response_to_Final_Office_Action_asfiled.pdf | 134223 a28dc5f54945a196257eb9966a4605e4931a10ac | yes | 10 |

| | | | |
|--|--|--------------|------------|
| | Multipart Description/PDF files in .zip description | | |
| | Document Description | Start | End |
| | Amendment After Final | 1 | 8 |
| | Terminal Disclaimer Filed | 9 | 10 |
| Warnings: | | | |
| Information: | | | |
| Total Files Size (in bytes): | | 134223 | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | |

Exhibit B



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| | | | | |
|---|-------------|----------------------|---------------------------|------------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 | 4793 |
| 15516 7590 06/07/2013 Kokka & Backus, PC 703 High Street Palo Alto, CA 94301 | | | EXAMINER LEE, EDMUND H | |
| | | | ART UNIT 1744 | PAPER NUMBER |
| | | | MAIL DATE 06/07/2013 | DELIVERY MODE PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Attachment to Advisory Action

1. Applicant's arguments filed 5/30/13 have been fully considered but they are not persuasive. First, applicant's after-final amendment filed 5/30/13 has been entered since it corrects 112,2nd paragraph issues. Second, the terminal disclaimer filed 5/30/13 has been disapproved because there is no authorization to charge terminal disclaimer fees.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDMUND LEE whose telephone number is (571)272-1204. The examiner can normally be reached on MONDAY-THURSDAY FROM 9AM-4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on 571.272.1316. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

EDMUND H. LEE
Primary Examiner
Art Unit 1744

EHL
/EDMUND H. LEE/
Primary Examiner, Art Unit 1744

| | | |
|---|--------------------------------------|--|
| Advisory Action Before the Filing of an Appeal Brief | Application No. 13/427,839 | Applicant(s) DRYSDALE ET AL. |
| | Examiner EDMUND LEE | Art Unit 1744 |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 30 May 2013 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.
NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:

a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.

b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires _____ months from the mailing date of the prior Advisory Action or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because

a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);

b) ☐ They raise the issue of new matter (see NOTE below);

c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☐ will not be entered, or (b) ☒ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.

12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____

13. ☐ Other: _____.

STATUS OF CLAIMS

14. The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: ---.

Claim(s) objected to: ----.

Claim(s) rejected: 1-16 and 18-27.

Claim(s) withdrawn from consideration: _____.

| | |
|--------|---|
| 6/5/13 | /EDMUND H. LEE/ Primary Examiner Art Unit: 1744 |
|--------|---|

Receipt date: 05/30/2013

OK TO ENTER: /EL/

13427839 - GAU: 1744

Atty. Docket No.: ALI-001CIP1CIP1CON1
Serial No.: 13/427,839

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Drysdale et al.**

Application No.: **13/427,839**

Filed: **March 22, 2012**

For: **COMPONENT PROTECTIVE
OVERMOLDING USING
PROTECTIVE EXTERNAL
COATINGS**

Confirmation No.: **4793**

Examiner: **LEE, Edmund H.**

Group Art Unit: **1744**

Date: **May 30, 2013**

Atty. Docket No.: **ALI-001CIP1CIP1CON1**

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **May 30, 2013**.

Signed: _____



Amiee H. Shin

AMENDMENT B

Dear Sir or Madam:

Please find enclosed a complete, updated claim listing and remarks in response to the **Final Office Action** mailed **April 1, 2013**.

| Electronic Patent Application Fee Transmittal | | | | |
|---|----------|---|--------|----------------------|
| Application Number: | | 13427839 | | |
| Filing Date: | | 22-Mar-2012 | | |
| Title of Invention: | | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS | | |
| First Named Inventor/Applicant Name: | | RICHARD LEE DRYSDALE | | |
| Filer: | | Trueman Homer Denny | | |
| Attorney Docket Number: | | ALI-001CIP1CIP1CON1 | | |
| Filed as Small Entity | | | | |
| Utility under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Pages: | | | | |
| Claims: | | | | |
| Miscellaneous-Filing: | | | | |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |
| Extension-of-Time: | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|----------------------------------|----------|----------|--------|----------------------|
| Miscellaneous: | | | | |
| Statutory or Terminal Disclaimer | 1814 | 1 | 160 | 160 |
| Total in USD (\$) | | | | 160 |

| Electronic Acknowledgement Receipt | |
|--------------------------------------|---|
| EFS ID: | 16178455 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Trueman Homer Denny |
| Filer Authorized By: | |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 27-JUN-2013 |
| Filing Date: | 22-MAR-2012 |
| Time Stamp: | 18:59:20 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|---|--|------------------|------------------|
| 1 | | ALI-001CIP1CIP1CON1_Supplemental_Payment_of_Terminal_Disclaimer_asfiled.pdf | 4112527 bfff9c101c16b81a7fcaaed871d29dea25b431c8e | yes | 20 |

| Multipart Description/PDF files in .zip description | | | | | |
|---|----------------------|--------------|--|-----|---|
| Document Description | | | Start | End | |
| Transmittal Letter | | | 1 | 1 | |
| Amendment After Final | | | 2 | 14 | |
| Miscellaneous Incoming Letter | | | 15 | 20 | |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | Fee Worksheet (SB06) | fee-info.pdf | 29933 | no | 2 |
| | | | c08bc49166ac8b12edbf2310ebb575c2666e2a79 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| Total Files Size (in bytes): | | | 4142460 | | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Drysdale et al.

Application No.: **13/427,839**

Filed: **March 22, 2012**

For: **COMPONENT PROTECTIVE
OVERMOLDING USING
PROTECTIVE EXTERNAL
COATINGS**

Confirmation No.: **4793**

Examiner: **LEE, Edmund H.**

Group Art Unit: **1744**

Date: **June 27, 2013**

Atty. Docket No.: **ALI-001CIP1CIP1CON1**

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on **June 27 2013**.

Signed: _____

Amiee H. Shin

SUPPLEMENTAL PAYMENT OF TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.20(d)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

In response to the *Advisory Action* mailed June 7, 2013, Applicant hereby provides the payment for further processing of the *Terminal Disclaimer* filed May 30, 2013 for the above-referenced patent application. Applicant respectfully submits the required fee of \$160.00, for the submission of the *Terminal Disclaimer* pursuant to 37 CFR § 1.20(d), which was inadvertently omitted at the time of filing of *Amendment B*, filed May 30, 2013 (Exhibit A), in response to the Final office Action. Applicant respectfully requests that the Office accept this submission in order to further process the *Terminal Disclaimer* filed May 30, 2013. A copy of the *Advisory Action* is also submitted herewith (Exhibit B).

Please contact the undersigned representative below if you should have any further questions or require any additional information.

Respectfully submitted,



Trueman H. Denny, III
Reg. No. 44,652

KOKKA & BACKUS, PC
703 High Street
Palo Alto, CA 94301
Telephone: (650) 566-9917
Facsimile: (650) 566-9922

| Electronic Patent Application Fee Transmittal | | | | |
|---|----------|---|--------|----------------------|
| Application Number: | | 13427839 | | |
| Filing Date: | | 22-Mar-2012 | | |
| Title of Invention: | | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS | | |
| First Named Inventor/Applicant Name: | | RICHARD LEE DRYSDALE | | |
| Filer: | | Trueman Homer Denny/Kate Cleland | | |
| Attorney Docket Number: | | ALI-001CIP1CIP1CON1 | | |
| Filed as Small Entity | | | | |
| Utility under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Pages: | | | | |
| Claims: | | | | |
| Miscellaneous-Filing: | | | | |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |
| Extension-of-Time: | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|----------------------------------|----------|----------|--------|----------------------|
| Miscellaneous: | | | | |
| Statutory or Terminal Disclaimer | 1814 | 1 | 160 | 160 |
| Total in USD (\$) | | | | 160 |

| Electronic Acknowledgement Receipt | |
|--------------------------------------|---|
| EFS ID: | 16180868 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Trueman Homer Denny/Kate Cleland |
| Filer Authorized By: | Trueman Homer Denny |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 27-JUN-2013 |
| Filing Date: | 22-MAR-2012 |
| Time Stamp: | 23:30:42 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$160 |
| RAM confirmation Number | 8444 |
| Deposit Account | |
| Authorized User | |

File Listing:


| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|-------------------------------------|------------------|------------------|
|-----------------|----------------------|-----------|-------------------------------------|------------------|------------------|

| | | | | | |
|---|----------------------|--------------|---|-------|---|
| 1 | Fee Worksheet (SB06) | fee-info.pdf | 30016 89009becb3bf4860f2e25ec26ae9a702c280f252 | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| Total Files Size (in bytes): | | | | 30016 | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| PATENT APPLICATION FEE DETERMINATION RECORD | | | | | Application or Docket Number | | Filing Date | | <input type="checkbox"/> To be Mailed | |
|---|---|----------------------------------|-------|------------------------------------|------------------------------|-----------------|-------------|---------------------|---------------------------------------|--|
| Substitute for Form PTO-875 | | | | | 13/427,839 | | 03/22/2012 | | | |
| ENTITY: <input type="checkbox"/> LARGE <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> MICRO | | | | | | | | | | |
| APPLICATION AS FILED – PART I | | | | | | | | | | |
| (Column 1) | | (Column 2) | | | | | | | | |
| FOR | NUMBER FILED | NUMBER EXTRA | | | | RATE (\$) | FEE (\$) | | | |
| <input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c)) | N/A | N/A | | | | N/A | | | | |
| <input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m)) | N/A | N/A | | | | N/A | | | | |
| <input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q)) | N/A | N/A | | | | N/A | | | | |
| TOTAL CLAIMS (37 CFR 1.16(j)) | minus 20 = | | * | | | X \$ | = | | | |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | minus 3 = | | * | | | X \$ | = | | | |
| <input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | | | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | | | | | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | | | | TOTAL | | | | |
| APPLICATION AS AMENDED – PART II | | | | | | | | | | |
| (Column 1) | | (Column 2) | | (Column 3) | | | | | | |
| AMENDMENT | 06/27/2013 | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | | ADDITIONAL FEE (\$) | | |
| | Total (37 CFR 1.16(i)) | * 26 | Minus | ** 26 | = 0 | X \$40 = | | 0 | | |
| | Independent (37 CFR 1.16(h)) | * 2 | Minus | ***3 | = 0 | X \$210 = | | 0 | | |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | | | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | | | |
| | | | | | | TOTAL ADD'L FEE | | 0 | | |
| (Column 1) | | (Column 2) | | (Column 3) | | | | | | |
| AMENDMENT | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$) | | ADDITIONAL FEE (\$) | | |
| | Total (37 CFR 1.16(i)) | * | Minus | ** | = | X \$ | | = | | |
| | Independent (37 CFR 1.16(h)) | * | Minus | *** | = | X \$ | | = | | |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | | | | | |
| | <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | | | |
| | | | | | | TOTAL ADD'L FEE | | | | |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. | | | | | | | | | | |

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

| | | | |
|--|--|---|--|
| Application Number  | Application/Control No. 13/427,839 | Applicant(s)/Patent under Reexamination DRYSDALE ET AL. | |
| Document Code - DISQ | | Internal Document – DO NOT MAIL | |

| | | |
|--------------------------------|--|---|
| TERMINAL DISCLAIMER | <input checked="" type="checkbox"/> APPROVED | <input type="checkbox"/> DISAPPROVED |
| Date Filed : 05/30/13 | This patent is subject to a Terminal Disclaimer | |

Approved/Disapproved by:

Angie Walker



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

15516 7590 07/08/2013
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301

EXAMINER

LEE, EDMUND H

ART UNIT

PAPER NUMBER

1744

DATE MAILED: 07/08/2013

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 | 4793 |

TITLE OF INVENTION: COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|---------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | SMALL | \$890 | \$0 | \$0 | \$890 | 10/08/2013 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or **Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

15516 7590 07/08/2013
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

| |
|--------------------|
| (Depositor's name) |
| (Signature) |
| (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 | 4793 |

TITLE OF INVENTION: COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|---------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | SMALL | \$890 | \$0 | \$0 | \$890 | 10/08/2013 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---------------|----------|----------------|
| LEE, EDMUND H | 1744 | 264-135000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---------------------|-------------|----------------------|---------------------|------------------|
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIPICIPICON1 | 4793 |
| 15516 | 7590 | 07/08/2013 | EXAMINER | |
| Kokka & Backus, PC | | | LEE, EDMUND H | |
| 703 High Street | | | ART UNIT | |
| Palo Alto, CA 94301 | | | PAPER NUMBER | |

1744

DATE MAILED: 07/08/2013

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

| | | | |
|-------------------------------|--------------------------------------|--|--|
| Notice of Allowability | Application No. 13/427,839 | Applicant(s) DRYSDALE ET AL. | |
| | Examiner EDMUND LEE | Art Unit 1744 | AIA (First Inventor to File) Status No |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to LETTER AND FEE PAID ON 6/27/13.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 1-16 and 18-27. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some *c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material 4. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. | <ol style="list-style-type: none"> 5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 6. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 7. <input type="checkbox"/> Other _____. |
|--|--|

| | |
|--|--|
| | |
|--|--|

DETAILED ACTION / EXAMINER'S AMENDMENT

1. In view of the Applicant's letter and Terminal Disclaimer fee paid on 6/27/13, the Terminal Disclaimer filed 5/30/13 has been approved.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the specification:

Paragraph 0001, In 2: the phrase --Pending,-- has been inserted after "(Attorney Docket No. ALI-001CIP1CIP1),".

Paragraph 0001, In 5: the phrase --Pending,-- has been inserted after "(Attorney Docket No. ALI-001CIP1),".

Paragraph 0001, In 7: the phrase --Pending,-- has been inserted after "(Attorney Docket No. ALI-001),".

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDMUND LEE whose telephone number is (571)272-


1204. The examiner can normally be reached on MONDAY-THURSDAY FROM 9AM-4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on 571.272.1316. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

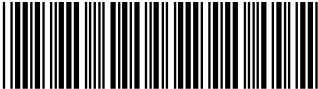
EDMUND H. LEE
Primary Examiner
Art Unit 1744

EHL
/EDMUND H. LEE/
Primary Examiner, Art Unit 1744

| | | | | |
|--|--------------------------------|--|--|--|
| Issue Classification  | Application/Control No. | | Applicant(s)/Patent under Reexamination | |
| | 13/427,839 | | DRYSDALE ET AL. | |
| | Examiner | | Art Unit | |
| | EDMUND LEE | | 1744 | |

| ISSUE CLASSIFICATION | | | | | | | | | | | |
|-------------------------------------|---|----------|---|-------|---|-----------------------------------|-----|-----|--------|-----------------------------------|-----|
| ORIGINAL | | | | | CROSS REFERENCE(S) | | | | | | |
| CLASS | | SUBCLASS | | | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | |
| 264 | | 135 | | | 264 | 261 | 265 | 263 | 272.14 | 272.17 | 255 |
| INTERNATIONAL CLASSIFICATION | | | | | | | | | | | |
| B | 2 | 9 | C | 45/14 | | | | | | | |
| | | | | / | | | | | | | |
| | | | | / | | | | | | | |
| | | | | / | | | | | | | |
| | | | | / | | | | | | | |
| | | | | | /EDMUND H. LEE/ PRIMARY EXAMINER, 1744 7/1/13 (Part of Paper No. 20130701) | | | | | Total Claims Allowed: 26 | |
| (Assistant Examiner) (Date) | | | | | | | | | | O.G. Print Claim(s) | |
| (Legal Instruments Examiner) (Date) | | | | | (Part of Paper No. 20130701) | | | | | O.G. Print Fig. 1 2,3,&4 | |

| | | | | | | | | | | | | | | | | | |
|--|----------|--|-------|----------|--|-------|----------|--|-------|----------|--|------------------------------|----------|--|-------|---------------------------------|--|
| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | | | | | | | | | <input type="checkbox"/> CPA | | <input checked="" type="checkbox"/> T.D. | | <input type="checkbox"/> R.1.47 | |
| Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | |
| | 1 | | | 31 | | | 61 | | | 121 | | | 151 | | | 181 | |
| | 2 | | | 32 | | | 62 | | | 122 | | | 152 | | | 182 | |
| | 3 | | | 33 | | | 63 | | | 123 | | | 153 | | | 183 | |
| | 4 | | | 34 | | | 64 | | | 124 | | | 154 | | | 184 | |
| | 5 | | | 35 | | | 65 | | | 125 | | | 155 | | | 185 | |
| | 6 | | | 36 | | | 66 | | | 126 | | | 156 | | | 186 | |
| | 7 | | | 37 | | | 67 | | | 127 | | | 157 | | | 187 | |
| | 8 | | | 38 | | | 68 | | | 128 | | | 158 | | | 188 | |
| | 9 | | | 39 | | | 69 | | | 129 | | | 159 | | | 189 | |
| | 10 | | | 40 | | | 70 | | | 130 | | | 160 | | | 190 | |
| | 11 | | | 41 | | | 71 | | | 131 | | | 161 | | | 191 | |
| | 12 | | | 42 | | | 72 | | | 132 | | | 162 | | | 192 | |
| | 13 | | | 43 | | | 73 | | | 133 | | | 163 | | | 193 | |
| | 14 | | | 44 | | | 74 | | | 134 | | | 164 | | | 194 | |
| | 15 | | | 45 | | | 75 | | | 135 | | | 165 | | | 195 | |
| | 16 | | | 46 | | | 76 | | | 136 | | | 166 | | | 196 | |
| | 17 | | | 47 | | | 77 | | | 137 | | | 167 | | | 197 | |
| | 18 | | | 48 | | | 78 | | | 138 | | | 168 | | | 198 | |
| | 19 | | | 49 | | | 79 | | | 139 | | | 169 | | | 199 | |
| | 20 | | | 50 | | | 80 | | | 140 | | | 170 | | | 200 | |
| | 21 | | | 51 | | | 81 | | | 141 | | | 171 | | | 201 | |
| | 22 | | | 52 | | | 82 | | | 142 | | | 172 | | | 202 | |
| | 23 | | | 53 | | | 83 | | | 143 | | | 173 | | | 203 | |
| | 24 | | | 54 | | | 84 | | | 144 | | | 174 | | | 204 | |
| | 25 | | | 55 | | | 85 | | | 145 | | | 175 | | | 205 | |
| | 26 | | | 56 | | | 86 | | | 146 | | | 176 | | | 206 | |
| | 27 | | | 57 | | | 87 | | | 147 | | | 177 | | | 207 | |
| | 28 | | | 58 | | | 88 | | | 148 | | | 178 | | | 208 | |
| | 29 | | | 59 | | | 89 | | | 149 | | | 179 | | | 209 | |
| | 30 | | | 60 | | | 90 | | | 150 | | | 180 | | | 210 | |

| | | | | |
|--|--------------------------------|--|--|--|
| Search Notes  | Application/Control No. | | Applicant(s)/Patent under Reexamination | |
| | 13/427,839 | | DRYSDALE ET AL. | |
| | Examiner | | Art Unit | |
| | EDMUND LEE | | 1744 | |

| SEARCHED | | | |
|----------|----------|----------|----------|
| Class | Subclass | Date | Examiner |
| none | | 7/1/2013 | EHL |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| INTERFERENCE SEARCHED | | | |
|---|----------|----------|----------|
| Class | Subclass | Date | Examiner |
| | | | |
| | | | |
| | | | |
| 264/261,263,265,135,27 2.14,272.17,255 | | 7/1/2013 | EHL |

| SEARCH NOTES (INCLUDING SEARCH STRATEGY) | | |
|---|----------|------|
| | DATE | EXMR |
| updated | 7/1/2013 | EHL |
| 264/261,263,265,135,272.14,272.17,255,250 | 7/1/2013 | EHL |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

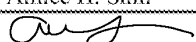
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

15516 2591 07/06/2013
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301

Note: A certificate of mailing can only be used for domestic mailings of the fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmittal.

Certificate of Mailing or Transmittal

I hereby certify that this Fee(s) Transmittal is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on the date indicated below or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

| | |
|--|--------------------|
| Amice H. Shin | (Depositor's name) |
|  | (Signature) |
| July 15, 2013 | (Date) |

| | | | | |
|------------------------|--------------------|-----------------------------|----------------------------|-------------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 13/427,839 | 03/22/2012 | RICHARD LEE DRYSDALE | ALI-001CIP1CIP1CON1 | 4793 |

TITLE OF INVENTION: COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS

| | | | | | | |
|--------------------|----------------------|----------------------|----------------------------|-----------------------------|-----------------------|-----------------|
| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEES DUE | DATE DUE |
| nonprovisional | SMALL | \$890 | \$0 | \$0 | \$890 | 10/06/2013 |

| | | |
|-----------------|-----------------|-----------------------|
| EXAMINER | ART UNIT | CLASS-SUBCLASS |
| LEE, EDMUND H | 1741 | 264-135000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number** is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 **KOKKA & BACKUS, PC**

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY and STATE OR COUNTRY)

AliphCom

San Francisco, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☒ Payment by credit card via EFS-Web
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature 

Date July 15, 2013

Typed or printed name Scott S. Kokka

Registration No. 51,893

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| Electronic Patent Application Fee Transmittal | | | | |
|---|----------|---|--------|----------------------|
| Application Number: | | 13427839 | | |
| Filing Date: | | 22-Mar-2012 | | |
| Title of Invention: | | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS | | |
| First Named Inventor/Applicant Name: | | RICHARD LEE DRYSDALE | | |
| Filer: | | Scott Susumu Kokka/Amiee Shin | | |
| Attorney Docket Number: | | ALI-001CIP1CIP1CON1 | | |
| Filed as Small Entity | | | | |
| Utility under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Pages: | | | | |
| Claims: | | | | |
| Miscellaneous-Filing: | | | | |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |
| Utility Appl Issue Fee | 2501 | 1 | 890 | 890 |
| Extension-of-Time: | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|-------------------|----------|----------|--------|----------------------|
| Miscellaneous: | | | | |
| Total in USD (\$) | | | | 890 |

| Electronic Acknowledgement Receipt | |
|--------------------------------------|---|
| EFS ID: | 16322883 |
| Application Number: | 13427839 |
| International Application Number: | |
| Confirmation Number: | 4793 |
| Title of Invention: | COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS |
| First Named Inventor/Applicant Name: | RICHARD LEE DRYSDALE |
| Customer Number: | 15516 |
| Filer: | Scott Susumu Kokka |
| Filer Authorized By: | |
| Attorney Docket Number: | ALI-001CIP1CIP1CON1 |
| Receipt Date: | 15-JUL-2013 |
| Filing Date: | 22-MAR-2012 |
| Time Stamp: | 22:40:21 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$ 890 |
| RAM confirmation Number | 8833 |
| Deposit Account | |
| Authorized User | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|-------------------------------------|------------------|------------------|
|-----------------|----------------------|-----------|-------------------------------------|------------------|------------------|

| | | | | | |
|---|-----------------------------|---|--|----|---|
| 1 | Issue Fee Payment (PTO-85B) | ALI-001CIP1CIP1CON1_Issue_Fee_asfiled.pdf | 378539 b009e33761e53f56ac9c1c36f819547397ed3471 | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | Fee Worksheet (SB06) | fee-info.pdf | 30368 93bc923e33d0155273a48fc9d4b172fad6a7736d | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| Total Files Size (in bytes): | | | 408907 | | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | | | |

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| U.S.PATENTS | | | | | | |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | 8049614 | | 2010-09-23 | Kahn et al. | |
| | 2 | 7987070 | | 2009-09-17 | Kahn et al. | |
| | 3 | 8040382 | | 2009-07-09 | Kahn et al. | |
| | 4 | 7647196 | | 2009-02-12 | Kahn et al. | |
| | 5 | 7917768 | | 2008-07-24 | Kahn et al. | |
| | 6 | 7705723 | | 2007-10-04 | Kahn et al. | |
| | 7 | 7839279 | | 2007-02-01 | Kahn et al. | |
| | 8 | 8064759 | | 11/2011 | Kahn et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | |
|---|------------------------|----------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 13427839 |
| | Filing Date | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale |
| | Art Unit | 1742 |
| | Examiner Name | Unassigned |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | |
|--|----|---------|--|---------|-------------|--|
| | 9 | 7982770 | | 7/2011 | Kahn et al. | |
| | 10 | 7970586 | | 6/2011 | Kahn et al. | |
| | 11 | 7907901 | | 3/2011 | Kahn et al. | |
| | 12 | 7881902 | | 2/2011 | Kahn et al. | |
| | 13 | 7849184 | | 12/2010 | Kahn et al. | |
| | 14 | 7841967 | | 11/2010 | Kahn et al. | |
| | 15 | 7800044 | | 9/2010 | Kahn et al. | |
| | 16 | 7788059 | | 8/2010 | Kahn et al. | |
| | 17 | 7753861 | | 7/2010 | Kahn et al. | |
| | 18 | 7747735 | | 6/2010 | Kahn et al. | |
| | 19 | 7690556 | | 4/2010 | Kahn et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|---------|--|------------|-----------------|--|
| | 20 | 7662065 | | 2/2010 | Kahn et al. | |
| | 21 | 7653508 | | 1/2010 | Kahn et al. | |
| | 22 | 7647195 | | 1/2010 | Kahn et al. | |
| | 23 | 7457719 | | 11/2008 | Kahn et al. | |
| | 24 | 7343260 | | 3/2008 | Kahn et al. | |
| | 25 | 6527711 | | 3/2003 | Stivoric et al. | |
| | 26 | 6595929 | | 2002-12-05 | Stivoric et al. | |
| | 27 | 6605038 | | 8/2003 | Teller et al. | |
| | 28 | 7020508 | | 2004-02-26 | Stivoric et al. | |
| | 29 | 7153262 | | 2003-04-03 | Stivoric et al. | |
| | 30 | 7261690 | | 2002-02-14 | Teller et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 31 | 7285090 | | 2004-08-05 | Stivoric et al. | |
| | 32 | 7502643 | | 2005-05-26 | Farrington et al. | |
| | 33 | 7689437 | | 3/2010 | Teller et al. | |
| | 34 | 7959567 | | 2008-11-06 | Stivoric et al. | |
| | 35 | 8073707 | | 2006-02-09 | Teller et al. | |
| | 36 | D439981 | | 4/2001 | Kasabach et al. | |
| | 37 | D451604 | | 12/2001 | Kasabach et al. | |
| | 38 | D460971 | | 7/2002 | Sica et al. | |
| | 39 | D631552 | | 1/2011 | Kasabach et al. | |
| | 40 | D632396 | | 2/2011 | Kasabach et al. | |
| | 41 | 61516479 | | | Fish et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | 42 | 61404379 | | | Fish et al. | |
| | | | | | | |
| | 43 | 61516480 | | | Fish et al. | |
| | | | | | | |
| | 44 | 61404381 | | | Ram David Adva Fish | |
| | | | | | | |
| | 45 | D645968 | | 9/2011 | Kasabach et al. | |
| | | | | | | |
| | 46 | 42684084 | | 2011-07-14 | Kahn et al. | |
| | | | | | | |
| | 47 | 42472364 | | 2010-12-02 | Kahn et al. | |
| | | | | | | |
| | 48 | 12247950 | | 2010-04-08 | Kahn et al. | |
| | | | | | | |
| | 49 | 12202206 | | 2010-03-04 | Kahn et al. | |
| | | | | | | |
| | 50 | 12469633 | | 2009-11-26 | Kahn et al. | |
| | | | | | | |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|-------------------|---------|--------------------|------------------------|------------------|---|--|

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|---|--|--|--|--|--|
| | 1 | | | | | |
|--|---|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

U.S.PATENTS

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| | 1 | 42413410 | | 2009-11-05 | Kahn et al. | |
| | 2 | 41871451 | | 2009-04-16 | Kahn et al. | |
| | 3 | 43490304 | | 2009-12-24 | Kahn et al. | |
| | 4 | 41582896 | | 2007-05-03 | Stivorac et al. | |
| | 5 | 40636586 | | 2004-02-19 | Teller et al. | |
| | 6 | 40662293 | | 2004-07-08 | Teller et al. | |
| | 7 | 40940214 | | 2005-05-26 | Paciore et al. | |
| | 8 | 41000002 | | 2005-11-03 | Stivorac et al. | |

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | |
|----|----------|------------|-------------------|
| 9 | 11239748 | 2006-11-23 | Stivorio et al. |
| 10 | 11322010 | 2006-06-06 | Teller et al. |
| 11 | 11434949 | 2006-10-05 | Teller et al. |
| 12 | 11481147 | 2007-02-15 | Stivorio et al. |
| 13 | 11724373 | 2007-07-26 | Teller et al. |
| 14 | 11925906 | 2008-07-31 | Teller et al. |
| 15 | 11925065 | 2008-07-17 | Stivorio et al. |
| 16 | 11928039 | 2008-07-10 | Stivorio et al. |
| 17 | 11928302 | 2008-07-31 | Farrington et al. |
| 18 | 11930036 | 2008-07-10 | Teller et al. |
| 19 | 11990050 | 2008-07-10 | Teller et al. |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | |
|--|----|----------|--|------------|-----------------|--|
| | 20 | 11930081 | | 2008-07-03 | Teller et al. | |
| | | | | | | |
| | 21 | 11930091 | | 2008-07-03 | Teller et al. | |
| | | | | | | |
| | 22 | 11930092 | | 2008-07-17 | Teller et al. | |
| | | | | | | |
| | 23 | 11930094 | | 2008-07-17 | Teller et al. | |
| | | | | | | |
| | 24 | 12033732 | | 2009-01-01 | Stivoric et al. | |
| | | | | | | |
| | 25 | 12033722 | | 2009-01-01 | Stivoric et al. | |
| | | | | | | |
| | 26 | 12033731 | | 2008-12-25 | Stivoric et al. | |
| | | | | | | |
| | 27 | 12033737 | | 2008-12-25 | Stivoric et al. | |
| | | | | | | |
| | 28 | 12033741 | | 2008-12-25 | Stivoric et al. | |
| | | | | | | |
| | 29 | 12033746 | | 2008-12-25 | Stivoric et al. | |
| | | | | | | |
| | 30 | 12033751 | | 2008-12-25 | Stivoric et al. | |
| | | | | | | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 31 | 12033753 | | 2008-12-25 | Stivorio et al. | |
| | 32 | 12033760 | | 2008-12-25 | Stivorio et al. | |
| | 33 | 12033766 | | 2008-12-25 | Stivorio et al. | |
| | 34 | 12217299 | | 2009-07-09 | Stivorio et al. | |
| | 35 | 12049400 | | 2010-11-11 | Farrington et al. | |
| | 36 | 10062293 | | 2004-07-08 | Teller et al. | |
| | 37 | 60729663 | | | Donald G. Stein | |
| | 38 | 60727357 | | | Pacione et al. | |
| | 39 | 60559280 | | | Pacione et al. | |
| | 40 | 60582746 | | | Bucher et al. | |
| | 41 | 60417163 | | | Andre et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | |
|----|----------|--|------------|-------------------|--|
| 42 | 60729683 | | | Stivoric et al. | |
| 43 | 60950510 | | | Andre et al. | |
| 44 | 60510013 | | | Farringdon et al. | |
| 45 | 60502764 | | | Stivoric et al. | |
| 46 | 60901952 | | | Stivoric et al. | |
| 47 | 11925902 | | 2009-05-07 | Teller et al. | |
| 48 | 11925903 | | 2008-07-31 | Teller et al. | |
| 49 | 11925908 | | 2008-07-17 | Teller et al. | |
| 50 | 11876601 | | | Stivoric et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|-------------------|---------|--------------------|------------------------|------------------|---|--|

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|---|--|--|--|--|--|--|
| 1 | | | | | | |
|---|--|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

U.S.PATENTS

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------------|------------------------|-----------------------|---|--|
| | 1 | 11930405 | | 2008-07-24 | Teller et al. | |
| | 2 | 11928059 | | 2008-09-04 | Stivorac et al. | |
| | 3 | 11928027 | | 2008-07-03 | Stivorac et al. | |
| | 4 | 11928051 | | 2008-07-10 | Stivorac et al. | |
| | 5 | 11930400 | | 2008-07-17 | Teller et al. | |
| | 6 | 11930048 | | 2008-07-10 | Teller et al. | |
| | 7 | 11930101 | | 2008-07-10 | Teller et al. | |
| | 8 | 11927365 | | 2008-11-20 | Stivorac et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | | | | | | |
| | 9 | 11927276 | | 2008-11-20 | Stivoric et al. | |
| | 10 | 8047966 | | 2009-09-03 | Dorogusker et al. | |
| | 11 | 8083643 | | 2011-04-28 | Carl Ng et al. | |
| | 12 | 6356940 | | 3/2002 | Brian Robert Short | |
| | 13 | 5974262 | | 10/1999 | Fuller et al. | |
| | 14 | 13253000 | | | Ram David Adva Fish | |
| | 15 | 13162392 | | 2012-01-05 | Nazarian et al. | |
| | 16 | 7993276 | | 2006-04-20 | Nazarian et al. | |
| | 17 | 12560069 | | 2010-08-26 | Nadkarni et al. | |
| | 18 | 12621099 | | 2010-09-30 | Nadkarni et al. | |
| | 19 | 12832380 | | 2011-01-06 | Bentley et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | | | | | | |
| | 20 | 12003304 | | 2011-03-17 | Jangle et al. | |
| | | | | | | |
| | 21 | 12891108 | | 2011-03-17 | Jangle et al. | |
| | | | | | | |
| | 22 | 13204058 | | 2011-11-21 | Jangle et al. | |
| | | | | | | |
| | 23 | 61240824 | | | Ram David Adva Fish | |
| | | | | | | |
| | 24 | 61240862 | | | Ram David Adva Fish | |
| | | | | | | |
| | 25 | 12730404 | | 2010-09-23 | Ram David Adva Fish | |
| | | | | | | |
| | 26 | 12730199 | | 2010-09-23 | Ram David Adva Fish | |
| | | | | | | |
| | 27 | 61630064 | | | Ram David Adva Fish | |
| | | | | | | |
| | 28 | 61627891 | | | Ram David Adva Fish | |
| | | | | | | |
| | 29 | 61510470 | | | Fish et al. | |
| | | | | | | |
| | 30 | 61516477 | | | Ram David Adva Fish | |
| | | | | | | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | |
|----|----------|--|---------|---------------------|--|
| 31 | 6714859 | | 3/2004 | Jones, Martin Kelly | |
| 32 | 6952645 | | 10/2005 | Jones, Martin Kelly | |
| 33 | 7030781 | | 4/2006 | Jones, Martin Kelly | |
| 34 | 7400970 | | 7/2008 | Jones, Martin Kelly | |
| 35 | 6904359 | | 6/2005 | Jones, Martin Kelly | |
| 36 | 6486801 | | 11/2002 | Jones, Martin Kelly | |
| 37 | 13405241 | | | Rahman et al. | |
| 38 | 13158410 | | | Drysdale et al. | |
| 39 | 10105720 | | | Drysdale et al. | |
| 40 | 01493993 | | | Drysdale et al. | |
| 41 | 13180320 | | | Rahman et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | | |
|---|------------------------|--|----------------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 | |
| | Filing Date | | 2012-03-22 | |
| | First Named Inventor | | Richard Lee Drysdale | |
| | Art Unit | | 1742 | |
| | Examiner Name | | Unassigned | |
| | Attorney Docket Number | | ALI-001CIP1CIP1CON1 | |

| | | | | | |
|--|----|----------|--|--|------------------|
| | | | | | |
| | 42 | 61495994 | | | Drysdale et al. |
| | | | | | |
| | 43 | 13181512 | | | Rahman et al. |
| | | | | | |
| | 44 | 61495997 | | | Drysdale et al. |
| | | | | | |
| | 45 | 61495996 | | | Drysdale et al. |
| | | | | | |
| | 46 | 61511541 | | | Jeffery Miao |
| | | | | | |
| | 47 | 12247075 | | | Sashittal et al. |
| | | | | | |
| | 48 | 13180000 | | | Rahman et al. |
| | | | | | |
| | 49 | 61507091 | | | Rahman et al. |
| | | | | | |
| | 50 | 61572204 | | | Rahman et al. |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|-------------------|---------|--------------------|------------------------|------------------|---|--|

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|---|--|--|--|--|--|--|
| 1 | | | | | | |
|---|--|--|--|--|--|--|

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | | | | | | | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

U.S.PATENTS

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| | 1 | 61572206 | | | Rahman et al. | |
| | 2 | 13181495 | | | Rahman et al. | |
| | 3 | 13181511 | | | Rahman et al. | |
| | 4 | 13181486 | | | Rahman et al. | |
| | 6 | 13181500 | | | Rahman et al. | |
| | 6 | 13181498 | | | Rahman et al. | |
| | 7 | 13181513 | | | Rahman et al. | |
| | 8 | 13361919 | | | Rahman et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|---|----------|--|------------|-----------------|--|
| | 9 | 13405240 | | 2012-02-25 | Drysdale et al. | |
|--|---|----------|--|------------|-----------------|--|

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
| | 1 | | | | | |

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | WO/2005/016124 | | | 2005-02-24 | Teller et al. | | <input type="checkbox"/> |
| | 2 | WO/2002/000111 | | | 2002-01-03 | Teller et al. | | <input type="checkbox"/> |
| | 3 | WO/2003/015005 | | | 2003-02-20 | Teller et al. | | <input type="checkbox"/> |
| | 4 | WO/2005/092177 | | | 2005-10-06 | Stivorac et al. | | <input type="checkbox"/> |
| | 5 | WO/2010/065067 | | | 2010-06-10 | Ward et al. | | <input type="checkbox"/> |

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | | | |
|--|----|------------------|--|--|------------|-----------------|--|--------------------------|
| | 6 | WO/2004/019172 | | | 2004-03-04 | Stivoric et al. | | <input type="checkbox"/> |
| | 7 | WO/2008/101248 | | | 2008-08-21 | Stivoric et al. | | <input type="checkbox"/> |
| | 8 | WO/2002/078538 | | | 2002-10-10 | Stivoric et al. | | <input type="checkbox"/> |
| | 9 | WO/2001/96986 | | | 2001-12-20 | Teller et al. | | <input type="checkbox"/> |
| | 10 | CA-2413220 | | | 11/2007 | Teller et al. | | <input type="checkbox"/> |
| | 11 | EP-1639939 | | | 2006-03-29 | Teller et al. | | <input type="checkbox"/> |
| | 12 | IL-153478 | | | 2009-03-08 | Teller et al. | | <input type="checkbox"/> |
| | 13 | JP-200251105 | | | 2/2002 | Teller et al. | | <input type="checkbox"/> |
| | 14 | KR-1020027017160 | | | 10/2002 | Teller et al. | | <input type="checkbox"/> |
| | 15 | CA-2413148 | | | 8/2010 | Teller et al. | | <input type="checkbox"/> |
| | 16 | EP-1702560 | | | 2006-09-20 | Teller et al. | | <input type="checkbox"/> |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | |
|---|------------------------|----------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 13427839 |
| | Filing Date | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale |
| | Art Unit | 1742 |
| | Examiner Name | Unassigned |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | | |
|----|------------------|--|--|---------|-----------------|--|--------------------------|
| 17 | IL-153516 | | | 7/2007 | Teller et al. | | <input type="checkbox"/> |
| 18 | JP-2004-500949 | | | 1/2004 | Teller et al. | | <input type="checkbox"/> |
| 19 | KR-1020027017525 | | | 10/2002 | Teller et al. | | <input type="checkbox"/> |
| 20 | CA-2454655 | | | 8/2010 | Teller et al. | | <input type="checkbox"/> |
| 21 | EP-1414340 | | | 5/2004 | Teller et al. | | <input type="checkbox"/> |
| 22 | IL-160079 | | | 2/2009 | Teller et al. | | <input type="checkbox"/> |
| 23 | JP-4283672 | | | 6/2009 | Teller et al. | | <input type="checkbox"/> |
| 24 | KR-102004001744 | | | 10/2004 | Teller et al. | | <input type="checkbox"/> |
| 25 | CA-2560323 | | | 6/2005 | Stivoric et al. | | <input type="checkbox"/> |
| 26 | IL-178183 | | | 6/2005 | Stivoric et al. | | <input type="checkbox"/> |
| 27 | JP-200750091 | | | 6/2005 | Stivoric et al. | | <input type="checkbox"/> |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | | |
|----|------------------|--|--|---------|-----------------|--|--------------------------|
| 28 | EP-1734858 | | | 12/2006 | Stivorio et al. | | <input type="checkbox"/> |
| 29 | EP-2358266 | | | 3/2004 | Ward et al. | | <input type="checkbox"/> |
| 30 | CA-2496579 | | | 3/2004 | Stivorio et al. | | <input type="checkbox"/> |
| 31 | EP-1534126 | | | 3/2004 | Stivorio et al. | | <input type="checkbox"/> |
| 32 | IL-167045 | | | 6/2003 | Stivorio et al. | | <input type="checkbox"/> |
| 33 | JP-2005-536260 | | | 12/2005 | Stivorio et al. | | <input type="checkbox"/> |
| 34 | KR-1020057003029 | | | 6/2005 | Stivorio et al. | | <input type="checkbox"/> |
| 35 | MX-PA2005002024 | | | 3/2005 | Boehmke | | <input type="checkbox"/> |
| 36 | EP-2126828 | | | 8/2008 | Stivorio et al. | | <input type="checkbox"/> |
| 37 | CA-2441962 | | | 9/2003 | Stivorio et al. | | <input type="checkbox"/> |
| 38 | EP-1743571 | | | 5/2009 | Stivorio et al. | | <input type="checkbox"/> |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | | |
|--|----|------------------|--|--|---------|-----------------|--------------------------|
| | 39 | IL-158067 | | | 3/2009 | Stivoric et al. | <input type="checkbox"/> |
| | 40 | JP-4125132 | | | 5/2008 | Stivoric et al. | <input type="checkbox"/> |
| | 41 | KR-1020037012845 | | | 10/2003 | Stivoric et al. | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
|--------------------|---------|---|--------------------------|
| | 1 | | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

| | | | |
|--------------------|--------------|-----------------|----------|
| Examiner Signature | /Edmund Lee/ | Date Considered | 6/5/2012 |
|--------------------|--------------|-----------------|----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | |
|---|------------------------|----------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 13427839 |
| | Filing Date | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale |
| | Art Unit | 1742 |
| | Examiner Name | Unassigned |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 |

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

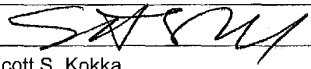
☒ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

| | | | |
|------------|---|---------------------|------------|
| Signature |  | Date (YYYY-MM-DD) | 2012-05-25 |
| Name/Print | Scott S. Kokka | Registration Number | 51,893 |

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | |
|---|------------------------|----------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 13427839 |
| | Filing Date | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale |
| | Art Unit | 1742 |
| | Examiner Name | Unassigned |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | |
|--|---------------|---------------------|--|---------|----------------------------|--|
| Change(s) applied to document, /A.E.M./ 7/30/2013 | 31 | 6714859 | | 03/2004 | Jones, Martin Kelly | |
| | 32 | 6952645 | | 10/2005 | Jones, Martin Kelly | |
| | 33 | 7030781 | | 04/2006 | Jones, Martin Kelly | |
| | 34 | 7400970 | | 07/2008 | Jones, Martin Kelly | |
| | 35 | 6904359 | | 06/2005 | Jones, Martin Kelly | |
| | 36 | 6486801 | | 11/2002 | Jones, Martin Kelly | |
| | 37 | 13409241 | | | Rahman et al. | |
| | 38 | 13158416 | | | Drysdale et al. | |
| | 39 | 13135728 | | | Drysdale et al. | |
| | 40 | 64406005 | | | Drysdale et al. | |
| | 41 | 13480320 | | | Rahman et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | |
|---|------------------------|----------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 13427839 |
| | Filing Date | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale |
| | Art Unit | 1742 |
| | Examiner Name | Unassigned |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | |
|--|----|----------|--|------------|---------------------|--|
| | | | | | | |
| | 9 | 11927276 | | 2008-11-20 | Stivoric et al. | |
| | 10 | 8047966 | | 2009-09-03 | Dorogusker et al. | |
| | 11 | 8083643 | | 2011-04-28 | Carl Ng et al. | |
| Change(s) applied to document, /A.E.M./ 7/30/2013 | 12 | 6356940 | | 03/2002 | Brian Robert Short | |
| | 13 | 5974262 | | 10/1999 | Fuller et al. | |
| | 14 | 13253000 | | | Ram David Adva Fish | |
| | | | | | | |
| | 15 | 13182352 | | 2012-01-03 | Nazarian et al. | |
| | 16 | 7993276 | | 2006-04-20 | Nazarian et al. | |
| | 17 | 12588000 | | 2010-08-26 | Nadkarni et al. | |
| | 18 | 12621099 | | 2010-09-30 | Nadkarni et al. | |
| | 19 | 12822280 | | 2011-01-06 | Bentley et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

| | |
|------------------------|----------------------|
| Application Number | 13427839 |
| Filing Date | 2012-03-22 |
| First Named Inventor | Richard Lee Drysdale |
| Art Unit | 1742 |
| Examiner Name | Unassigned |
| Attorney Docket Number | ALI-001CIP1CIP1CON1 |

| | | | | | | |
|---|----|----------|--|------------|---------------------|--|
| | 42 | 61404070 | | | Fish et al. | |
| | 43 | 61516480 | | | Fish et al. | |
| | 44 | 61404384 | | | Ram David Adva Fish | |
| Change(s) applied to document, /A.E.M/ 7/30/2013 | 45 | D645968 | | 09/2011 | Kasabach et al. | |
| | 46 | 12684881 | | 2011-07-14 | Kahn et al. | |
| | 47 | 12472361 | | 2010-12-02 | Kahn et al. | |
| | 48 | 12247950 | | 2010-04-08 | Kahn et al. | |
| | 49 | 12202206 | | 2010-03-04 | Kahn et al. | |
| | 50 | 12469633 | | 2009-11-26 | Kahn et al. | |

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|----------------------|------------|--------------------|---------------------------|---------------------|--|--|
|----------------------|------------|--------------------|---------------------------|---------------------|--|--|

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

Change(s) applied
to document,
/A.E.M./
7/30/2013

| | | | | | | |
|--|----|----------|--|------------|-------------------|--|
| | 31 | 7285090 | | 2004-08-05 | Stivoric et al. | |
| | 32 | 7502643 | | 2005-05-26 | Farrington et al. | |
| | 33 | 7689437 | | 03/2010 | Teller et al. | |
| | 34 | 7959567 | | 2008-11-06 | Stivoric et al. | |
| | 35 | 8073707 | | 2006-02-09 | Teller et al. | |
| | 36 | D439981 | | 04/2001 | Kasabach et al. | |
| | 37 | D451604 | | 12/2001 | Kasabach et al. | |
| | 38 | D460971 | | 07/2002 | Sica et al. | |
| | 39 | D631552 | | 01/2011 | Kasabach et al. | |
| | 40 | D632396 | | 02/2011 | Kasabach et al. | |
| | 41 | 61516479 | | | Fish et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

Change(s) applied
to document, 24
/A.E.M./
7/30/2013

| | | | | | | |
|--|----|---------|--|------------|-----------------|--|
| | 20 | 7662065 | | 02/2010 | Kahn et al. | |
| | 21 | 7653508 | | 01/2010 | Kahn et al. | |
| | 22 | 7647195 | | 01/2010 | Kahn et al. | |
| | 23 | 7457719 | | 11/2008 | Kahn et al. | |
| | 24 | 7343260 | | 03/2008 | Kahn et al. | |
| | 25 | 6527711 | | 03/2003 | Stivoric et al. | |
| | 26 | 6595929 | | 2002-12-05 | Stivoric et al. | |
| | 27 | 6605038 | | 08/2003 | Teller et al. | |
| | 28 | 7020508 | | 2004-02-26 | Stivoric et al. | |
| | 29 | 7153262 | | 2003-04-03 | Stivoric et al. | |
| | 30 | 7261690 | | 2002-02-14 | Teller et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

Change(s) applied
to document,
/A.E.M./
7/30/2013

| | | | | | | |
|--|----|---------|--|---------|-------------|--|
| | 9 | 7982770 | | 07/2011 | Kahn et al. | |
| | 10 | 7970586 | | 06/2011 | Kahn et al. | |
| | 11 | 7907901 | | 03/2011 | Kahn et al. | |
| | 12 | 7881902 | | 02/2011 | Kahn et al. | |
| | 13 | 7849184 | | 12/2010 | Kahn et al. | |
| | 14 | 7841967 | | 11/2010 | Kahn et al. | |
| | 15 | 7800044 | | 09/2010 | Kahn et al. | |
| | 16 | 7788059 | | 08/2010 | Kahn et al. | |
| | 17 | 7753861 | | 07/2010 | Kahn et al. | |
| | 18 | 7747735 | | 06/2010 | Kahn et al. | |
| | 19 | 7690556 | | 04/2010 | Kahn et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

U.S. PATENTS

| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| | 1 | 8049614 | | 2010-09-23 | Kahn et al. | |
| | 2 | 7987070 | | 2009-09-17 | Kahn et al. | |
| | 3 | 8040382 | | 2009-07-09 | Kahn et al. | |
| | 4 | 7647196 | | 2009-02-12 | Kahn et al. | |
| | 5 | 7917768 | | 2008-07-24 | Kahn et al. | |
| | 6 | 7705723 | | 2007-10-04 | Kahn et al. | |
| | 7 | 7839279 | | 2007-02-01 | Kahn et al. | |
| | 8 | 8064759 | | 11/2011 | Kahn et al. | |

Change(s) applied
to document,
/A.E.M./
7/30/2013

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|---|----|----------|--|--|----------------------------|--|
| Change(s) applied to document, /R.M.L./ 8/8/2013 | 9 | 11927276 | | 2008-11-20 | Stivoric et al. | |
| | 10 | 8047966 | | 2011-11-20 2009-09-03 | Dorogusker et al. | |
| | 11 | 8083643 | | 12 2011-04-29 | Carl Ng et al. | |
| | 12 | 6356940 | | 3/2002 | Brian Robert Short | |
| | 13 | 5974262 | | 10/1999 | Fuller et al. | |
| | 14 | 13253000 | | | Ram David Adva Fish | |
| | 15 | 13162352 | | 2012-01-06 | Nazarian et al. | |
| | 16 | 7993276 | | 2011-08-20 2009-04-20 | Nazarian et al. | |
| | 17 | 12560069 | | 2010-08-26 | Nadkarni et al. | |
| | 18 | 12621099 | | 2010-09-30 | Nadkarni et al. | |
| | 19 | 12823380 | | 2011-01-06 | Bentley et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

Change(s) applied
to document,
/R.M.L./
8/8/2013

| | | | | | |
|----|----------|--|---|-------------------|--|
| 31 | 7285090 | | 2007-10 2004-08-05 | Stivoric et al. | |
| 32 | 7502643 | | 2009-03 2005-05-20 | Farrington et al. | |
| 33 | 7689437 | | 3/2010 | Teller et al. | |
| 34 | 7959567 | | 2011-06 2006-11-08 | Stivoric et al. | |
| 35 | 8073707 | | 2011-12 2006-02-08 | Teller et al. | |
| 36 | D439981 | | 4/2001 | Kasabach et al. | |
| 37 | D451604 | | 12/2001 | Kasabach et al. | |
| 38 | D460971 | | 7/2002 | Sica et al. | |
| 39 | D631552 | | 1/2011 | Kasabach et al. | |
| 40 | D632396 | | 2/2011 | Kasabach et al. | |
| 41 | 61516479 | | | Fish et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

| | | | |
|--|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

| | | | | | | |
|--|----|---------|--|---|------------------|--|
| | 20 | 7662065 | | 2/2010 | Kahn et al. | |
| | 21 | 7653508 | | 1/2010 | Kahn et al. | |
| | 22 | 7647195 | | 1/2010 | Kahn et al. | |
| | 23 | 7457719 | | 11/2008 | Kahn et al. | |
| | 24 | 7343260 | | 3/2008 | Kahn et al. | |
| | 25 | 6527711 | | 3/2003 | Stivorice et al. | |
| | 26 | 6595929 | | 2003-07 2002-12-05 | Stivorice et al. | |
| | 27 | 6605038 | | 8/2003 | Teller et al. | |
| | 28 | 7020508 | | 2006-03 2004-02-26 | Stivorice et al. | |
| | 29 | 7153262 | | 2006-12 2005-04-03 | Stivorice et al. | |
| | 30 | 7261690 | | 2007-08 2002-02-14 | Teller et al. | |

Change(s) applied
to document,
/R.M.L./
8/8/2013

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/

Receipt date: 05/25/2012

13427839 - GAU: 1744

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| | | | |
|---|------------------------|----------------------|------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | | 13427839 |
| | Filing Date | | 2012-03-22 |
| | First Named Inventor | Richard Lee Drysdale | |
| | Art Unit | 1742 | |
| | Examiner Name | Unassigned | |
| | Attorney Docket Number | ALI-001CIP1CIP1CON1 | |

U.S. PATENTS

Change(s) applied
to document,
/R.M.L./
8/8/2013

| Examiner Initial* | Cite No | Patent Number | Kind Code† | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------|---|---|--|
| | 1 | 8049614 | | 2011-11 2010-09-23 | Kahn et al. | |
| | 2 | 7987070 | | 2011-07 2009-09-17 | Kahn et al. | |
| | 3 | 8040382 | | 2011-10 2009-07-09 | Kahn et al. | |
| | 4 | 7647196 | | 2010-01 2009-02-12 | Kahn et al. | |
| | 5 | 7917768 | | 2011-03 2009-07-24 | Kahn et al. | |
| | 6 | 7705723 | | 2010-04 2007-10-04 | Kahn et al. | |
| | 7 | 7839279 | | 2010-11 2007-02-04 | Kahn et al. | |
| | 8 | 8064759 | | 11/2011 | Kahn et al. | |

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EL/



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | ISSUE DATE | PATENT NO. | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|------------|------------|---------------------|------------------|
| 13/427,839 | 09/10/2013 | 8529811 | ALI-001CIP1CIP1CON1 | 4793 |

15516 7590 08/21/2013
Kokka & Backus, PC
703 High Street
Palo Alto, CA 94301

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

RICHARD LEE DRYSDALE, Santa Cruz, CA;
Scott Fullam, Palo Alto, CA;
Skip Thomas Orvis, San Jose, CA;
Nora Elam Levinson, Washington, DC;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3502102

| | |
|------------------------------------|-----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | SECURITY INTEREST |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ALIPHCOM | 08/26/2015 |
| MACGYVER ACQUISITION LLC | 08/26/2015 |
| ALIPH, INC. | 08/26/2015 |
| BODYMEDIA, INC. | 08/26/2015 |
| PROJECT PARIS ACQUISITION LLC | 08/26/2015 |
| RECEIVING PARTY DATA | |
| Name: | BLACKROCK ADVISORS, LLC |
| Street Address: | 1 UNIVERSITY SQUARE DRIVE |
| Internal Address: | C/O GLOBAL ALLOCATION GROUP |
| City: | PRINCETON |
| State/Country: | NEW JERSEY |
| Postal Code: | 08540 |
| PROPERTY NUMBERS Total: 604 | |
| Property Type | Number |
| Application Number: | 10159770 |
| Application Number: | 13069244 |
| Application Number: | 13069264 |
| Application Number: | 13069275 |
| Application Number: | 13753441 |
| Application Number: | 29333427 |
| Application Number: | 29333428 |
| Application Number: | 29333430 |
| Application Number: | 29333431 |
| Application Number: | 29333432 |
| Application Number: | 10400292 |
| Application Number: | 10667207 |
| Application Number: | 10769302 |
| Application Number: | 11199856 |
| Application Number: | 11704552 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11859460 |
| Application Number: | 11860004 |
| Application Number: | 11969737 |
| Application Number: | 11982956 |
| Application Number: | 12006607 |
| Application Number: | 12039718 |
| Application Number: | 12123364 |
| Application Number: | 12139333 |
| Application Number: | 12139344 |
| Application Number: | 12139355 |
| Application Number: | 12139361 |
| Application Number: | 12163592 |
| Application Number: | 12163617 |
| Application Number: | 12163647 |
| Application Number: | 12163675 |
| Application Number: | 12243718 |
| Application Number: | 12244670 |
| Application Number: | 12354689 |
| Application Number: | 12606140 |
| Application Number: | 12606146 |
| Application Number: | 12756051 |
| Application Number: | 12772947 |
| Application Number: | 12772963 |
| Application Number: | 12772975 |
| Application Number: | 12826643 |
| Application Number: | 12826658 |
| Application Number: | 12882482 |
| Application Number: | 12886919 |
| Application Number: | 13037057 |
| Application Number: | 13109839 |
| Application Number: | 13117539 |
| Application Number: | 13135728 |
| Application Number: | 13158372 |
| Application Number: | 13158416 |
| Application Number: | 13180000 |
| Application Number: | 13180320 |
| Application Number: | 13181486 |
| Application Number: | 13181500 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13181511 |
| Application Number: | 13181512 |
| Application Number: | 13181513 |
| Application Number: | 13184422 |
| Application Number: | 13209047 |
| Application Number: | 13246617 |
| Application Number: | 13247975 |
| Application Number: | 13270976 |
| Application Number: | 13346719 |
| Application Number: | 13361919 |
| Application Number: | 13374746 |
| Application Number: | 13405240 |
| Application Number: | 13405241 |
| Application Number: | 13420568 |
| Application Number: | 13421576 |
| Application Number: | 13427839 |
| Application Number: | 13431725 |
| Application Number: | 13433204 |
| Application Number: | 13433208 |
| Application Number: | 13433213 |
| Application Number: | 13436765 |
| Application Number: | 13454040 |
| Application Number: | 13491345 |
| Application Number: | 13491524 |
| Application Number: | 13492770 |
| Application Number: | 13492776 |
| Application Number: | 13492857 |
| Application Number: | 13528830 |
| Application Number: | 13552462 |
| Application Number: | 13561033 |
| Application Number: | 13627997 |
| Application Number: | 13666932 |
| Application Number: | 13669356 |
| Application Number: | 13669369 |
| Application Number: | 13669375 |
| Application Number: | 13670419 |
| Application Number: | 13672392 |
| Application Number: | 13672398 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13672451 |
| Application Number: | 13672671 |
| Application Number: | 13673846 |
| Application Number: | 13673857 |
| Application Number: | 13674080 |
| Application Number: | 13802266 |
| Application Number: | 13802283 |
| Application Number: | 13802305 |
| Application Number: | 13802319 |
| Application Number: | 13802409 |
| Application Number: | 13802425 |
| Application Number: | 13802442 |
| Application Number: | 13802528 |
| Application Number: | 13802646 |
| Application Number: | 13802674 |
| Application Number: | 13802689 |
| Application Number: | 13827683 |
| Application Number: | 13827754 |
| Application Number: | 13830770 |
| Application Number: | 13830860 |
| Application Number: | 13830927 |
| Application Number: | 13831139 |
| Application Number: | 13831260 |
| Application Number: | 13831301 |
| Application Number: | 13831447 |
| Application Number: | 13831485 |
| Application Number: | 13831689 |
| Application Number: | 13831698 |
| Application Number: | 13870843 |
| Application Number: | 13886173 |
| Application Number: | 13886254 |
| Application Number: | 13890143 |
| Application Number: | 13894850 |
| Application Number: | 13898451 |
| Application Number: | 13898465 |
| Application Number: | 13898472 |
| Application Number: | 13898474 |
| Application Number: | 13900943 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13906109 |
| Application Number: | 13906244 |
| Application Number: | 13917225 |
| Application Number: | 13919307 |
| Application Number: | 13919339 |
| Application Number: | 13919919 |
| Application Number: | 13929718 |
| Application Number: | 13942503 |
| Application Number: | 13942623 |
| Application Number: | 13942674 |
| Application Number: | 13948160 |
| Application Number: | 13952532 |
| Application Number: | 13952552 |
| Application Number: | 13954331 |
| Application Number: | 13954367 |
| Application Number: | 13957383 |
| Application Number: | 13959707 |
| Application Number: | 13959708 |
| Application Number: | 13959709 |
| Application Number: | 13967317 |
| Application Number: | 14029300 |
| Application Number: | 14058125 |
| Application Number: | 14064189 |
| Application Number: | 14065393 |
| Application Number: | 14065400 |
| Application Number: | 14065415 |
| Application Number: | 14065419 |
| Application Number: | 14067444 |
| Application Number: | 14068551 |
| Application Number: | 14069008 |
| Application Number: | 14069031 |
| Application Number: | 14070437 |
| Application Number: | 14070443 |
| Application Number: | 14070446 |
| Application Number: | 14070452 |
| Application Number: | 14071531 |
| Application Number: | 14071546 |
| Application Number: | 14073550 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14073696 |
| Application Number: | 14075523 |
| Application Number: | 14076014 |
| Application Number: | 14079632 |
| Application Number: | 14105119 |
| Application Number: | 14105127 |
| Application Number: | 14105146 |
| Application Number: | 14105157 |
| Application Number: | 14105159 |
| Application Number: | 14105172 |
| Application Number: | 14105173 |
| Application Number: | 14144494 |
| Application Number: | 14144499 |
| Application Number: | 14144505 |
| Application Number: | 14144512 |
| Application Number: | 14144513 |
| Application Number: | 14144514 |
| Application Number: | 14144516 |
| Application Number: | 14144517 |
| Application Number: | 14144518 |
| Application Number: | 14144519 |
| Application Number: | 14144521 |
| Application Number: | 14144524 |
| Application Number: | 14145849 |
| Application Number: | 14145852 |
| Application Number: | 14145856 |
| Application Number: | 14145879 |
| Application Number: | 14145887 |
| Application Number: | 14145894 |
| Application Number: | 14149805 |
| Application Number: | 14181589 |
| Application Number: | 14181595 |
| Application Number: | 14183425 |
| Application Number: | 14183463 |
| Application Number: | 14183472 |
| Application Number: | 14183490 |
| Application Number: | 14183491 |
| Application Number: | 14183493 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14187317 |
| Application Number: | 14188602 |
| Application Number: | 14191284 |
| Application Number: | 14192432 |
| Application Number: | 14192463 |
| Application Number: | 14192610 |
| Application Number: | 14192620 |
| Application Number: | 14194424 |
| Application Number: | 14194495 |
| Application Number: | 14203464 |
| Application Number: | 14203467 |
| Application Number: | 14205138 |
| Application Number: | 14205151 |
| Application Number: | 14205215 |
| Application Number: | 14205263 |
| Application Number: | 14207183 |
| Application Number: | 14207203 |
| Application Number: | 14207221 |
| Application Number: | 14207235 |
| Application Number: | 14207243 |
| Application Number: | 14207263 |
| Application Number: | 14207420 |
| Application Number: | 14207429 |
| Application Number: | 14209329 |
| Application Number: | 14209690 |
| Application Number: | 14209959 |
| Application Number: | 14210201 |
| Application Number: | 14210234 |
| Application Number: | 14212832 |
| Application Number: | 14213439 |
| Application Number: | 14214065 |
| Application Number: | 14214086 |
| Application Number: | 14214254 |
| Application Number: | 14215038 |
| Application Number: | 14215047 |
| Application Number: | 14215051 |
| Application Number: | 14219648 |
| Application Number: | 14224868 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14225339 |
| Application Number: | 14243747 |
| Application Number: | 14244677 |
| Application Number: | 14244759 |
| Application Number: | 14246971 |
| Application Number: | 14260221 |
| Application Number: | 14266697 |
| Application Number: | 14270242 |
| Application Number: | 14270249 |
| Application Number: | 14272464 |
| Application Number: | 14279253 |
| Application Number: | 14281856 |
| Application Number: | 14289617 |
| Application Number: | 14301220 |
| Application Number: | 14301227 |
| Application Number: | 14313895 |
| Application Number: | 14328665 |
| Application Number: | 14389766 |
| Application Number: | 14421815 |
| Application Number: | 14445051 |
| Application Number: | 14452496 |
| Application Number: | 14457051 |
| Application Number: | 14463556 |
| Application Number: | 14468327 |
| Application Number: | 29299133 |
| Application Number: | 29299134 |
| Application Number: | 29299135 |
| Application Number: | 29299139 |
| Application Number: | 29353843 |
| Application Number: | 29353844 |
| Application Number: | 29353846 |
| Application Number: | 29353847 |
| Application Number: | 29354212 |
| Application Number: | 29377627 |
| Application Number: | 29377628 |
| Application Number: | 29378325 |
| Application Number: | 29378327 |
| Application Number: | 29378328 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29378329 |
| Application Number: | 29383495 |
| Application Number: | 29383712 |
| Application Number: | 29383714 |
| Application Number: | 29393916 |
| Application Number: | 29405617 |
| Application Number: | 29405623 |
| Application Number: | 29405625 |
| Application Number: | 29405626 |
| Application Number: | 29405627 |
| Application Number: | 29405628 |
| Application Number: | 29405630 |
| Application Number: | 29405631 |
| Application Number: | 29405633 |
| Application Number: | 29405634 |
| Application Number: | 29405635 |
| Application Number: | 29405636 |
| Application Number: | 29405637 |
| Application Number: | 29405638 |
| Application Number: | 29405639 |
| Application Number: | 29405640 |
| Application Number: | 29405641 |
| Application Number: | 29405642 |
| Application Number: | 29405643 |
| Application Number: | 29405644 |
| Application Number: | 29405645 |
| Application Number: | 29405646 |
| Application Number: | 29413571 |
| Application Number: | 29413572 |
| Application Number: | 29413573 |
| Application Number: | 29445283 |
| Application Number: | 29445286 |
| Application Number: | 29445287 |
| Application Number: | 29459899 |
| Application Number: | 29459900 |
| Application Number: | 62019327 |
| Application Number: | 62067428 |
| Application Number: | 62107411 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14121355 |
| Application Number: | 14121463 |
| Application Number: | 14121465 |
| Application Number: | 14121938 |
| Application Number: | 14121939 |
| Application Number: | 14121940 |
| Application Number: | 14121941 |
| Application Number: | 14121942 |
| Application Number: | 14121943 |
| Application Number: | 14121944 |
| Application Number: | 14121947 |
| Application Number: | 14121948 |
| Application Number: | 14313901 |
| Application Number: | 14480048 |
| Application Number: | 14480070 |
| Application Number: | 14480427 |
| Application Number: | 14480446 |
| Application Number: | 14480452 |
| Application Number: | 14480462 |
| Application Number: | 14480628 |
| Application Number: | 14486978 |
| Application Number: | 14486997 |
| Application Number: | 14488042 |
| Application Number: | 14493298 |
| Application Number: | 14519116 |
| Application Number: | 14526503 |
| Application Number: | 14532789 |
| Application Number: | 14541064 |
| Application Number: | 14541134 |
| Application Number: | 14541135 |
| Application Number: | 14578297 |
| Application Number: | 14596127 |
| Application Number: | 14606995 |
| Application Number: | 14637387 |
| Application Number: | 14640013 |
| Application Number: | 14656683 |
| Application Number: | 14659521 |
| Application Number: | 09419600 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 09595660 |
| Application Number: | 09602537 |
| Application Number: | 09620579 |
| Application Number: | 09822890 |
| Application Number: | 09923181 |
| Application Number: | 10227575 |
| Application Number: | 10313255 |
| Application Number: | 10612894 |
| Application Number: | 10682293 |
| Application Number: | 10682759 |
| Application Number: | 10940214 |
| Application Number: | 10940889 |
| Application Number: | 11088002 |
| Application Number: | 11239748 |
| Application Number: | 11247049 |
| Application Number: | 11434949 |
| Application Number: | 11481147 |
| Application Number: | 11582896 |
| Application Number: | 11724373 |
| Application Number: | 11876623 |
| Application Number: | 11925906 |
| Application Number: | 11925965 |
| Application Number: | 11928039 |
| Application Number: | 11930036 |
| Application Number: | 11930053 |
| Application Number: | 11930081 |
| Application Number: | 11930091 |
| Application Number: | 11930092 |
| Application Number: | 11930094 |
| Application Number: | 12033722 |
| Application Number: | 12033731 |
| Application Number: | 12033741 |
| Application Number: | 12033746 |
| Application Number: | 12033751 |
| Application Number: | 12033753 |
| Application Number: | 12033760 |
| Application Number: | 12033766 |
| Application Number: | 12352911 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12840109 |
| Application Number: | 13130282 |
| Application Number: | 13291879 |
| Application Number: | 13291982 |
| Application Number: | 13734433 |
| Application Number: | 13761409 |
| Application Number: | 13761557 |
| Application Number: | 14058485 |
| Application Number: | 14058493 |
| Application Number: | 14058501 |
| Application Number: | 14058563 |
| Application Number: | 14059054 |
| Application Number: | 14059072 |
| Application Number: | 14059117 |
| Application Number: | 14060004 |
| Application Number: | 14060010 |
| Application Number: | 14060029 |
| Application Number: | 14060047 |
| Application Number: | 14060072 |
| Application Number: | 14060082 |
| Application Number: | 14060092 |
| Application Number: | 14060122 |
| Application Number: | 14081369 |
| Application Number: | 14081406 |
| Application Number: | 14081880 |
| Application Number: | 14081889 |
| Application Number: | 14081901 |
| Application Number: | 14081928 |
| Application Number: | 14081935 |
| Application Number: | 14081942 |
| Application Number: | 14081951 |
| Application Number: | 14081956 |
| Application Number: | 14081967 |
| Application Number: | 14081972 |
| Application Number: | 14081979 |
| Application Number: | 14082070 |
| Application Number: | 14082176 |
| Application Number: | 14082178 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14082179 |
| Application Number: | 14082180 |
| Application Number: | 14082183 |
| Application Number: | 14082185 |
| Application Number: | 14082186 |
| Application Number: | 14082188 |
| Application Number: | 14082189 |
| Application Number: | 14082190 |
| Application Number: | 14082192 |
| Application Number: | 14083372 |
| Application Number: | 14083382 |
| Application Number: | 14083389 |
| Application Number: | 14083397 |
| Application Number: | 14083401 |
| Application Number: | 14083404 |
| Application Number: | 14083407 |
| Application Number: | 14133607 |
| Application Number: | 14133610 |
| Application Number: | 14133612 |
| Application Number: | 14133615 |
| Application Number: | 14133619 |
| Application Number: | 14133620 |
| Application Number: | 14133622 |
| Application Number: | 14133625 |
| Application Number: | 14133626 |
| Application Number: | 14133634 |
| Application Number: | 14133638 |
| Application Number: | 14133640 |
| Application Number: | 14133641 |
| Application Number: | 14136750 |
| Application Number: | 14137027 |
| Application Number: | 14137087 |
| Application Number: | 14137126 |
| Application Number: | 14137233 |
| Application Number: | 14138030 |
| Application Number: | 14138033 |
| Application Number: | 14138024 |
| Application Number: | 14138043 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14138046 |
| Application Number: | 14139871 |
| Application Number: | 14139872 |
| Application Number: | 14139873 |
| Application Number: | 14139875 |
| Application Number: | 14221506 |
| Application Number: | 14248576 |
| Application Number: | 14248776 |
| Application Number: | 14248830 |
| Application Number: | 14248853 |
| Application Number: | 14248885 |
| Application Number: | 14249135 |
| Application Number: | 14249211 |
| Application Number: | 14249235 |
| Application Number: | 14249262 |
| Application Number: | 14249290 |
| Application Number: | 14249314 |
| Application Number: | 14249318 |
| Application Number: | 14249328 |
| Application Number: | 14252090 |
| Application Number: | 14284947 |
| Application Number: | 14285018 |
| Application Number: | 14285036 |
| Application Number: | 14285092 |
| Application Number: | 14285159 |
| Application Number: | 14285194 |
| Application Number: | 14285232 |
| Application Number: | 14292105 |
| Application Number: | 14292368 |
| Application Number: | 14292735 |
| Application Number: | 14292831 |
| Application Number: | 14292833 |
| Application Number: | 14336413 |
| Application Number: | 14336448 |
| Application Number: | 14336539 |
| Application Number: | 14336571 |
| Application Number: | 14336598 |
| Application Number: | 14336625 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29127587 |
| Application Number: | 29129931 |
| Application Number: | 29143975 |
| Application Number: | 29256362 |
| Application Number: | 29256753 |
| Application Number: | 29383860 |
| Application Number: | 29434003 |
| Application Number: | 14509034 |
| Application Number: | 14526499 |
| Application Number: | 14630618 |
| Application Number: | 14636157 |
| Application Number: | 14636158 |
| Application Number: | 95002354 |
| Application Number: | 95002360 |
| Application Number: | 95002366 |
| Application Number: | 95002367 |
| Application Number: | 95002371 |
| Application Number: | 95002376 |
| Application Number: | 95002382 |
| Application Number: | 14039258 |
| Application Number: | 09622910 |
| Application Number: | 09986989 |
| Application Number: | 29445284 |
| Application Number: | 29466527 |
| Application Number: | 29466531 |
| Application Number: | 29466534 |
| Application Number: | 29466536 |
| Application Number: | 29466539 |
| Application Number: | 29470963 |
| Application Number: | 29470964 |
| Application Number: | 29470965 |
| Application Number: | 29470966 |
| Application Number: | 29470967 |
| Application Number: | 29470968 |
| Application Number: | 29477005 |
| Application Number: | 29477006 |
| Application Number: | 29478533 |
| Application Number: | 29479052 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29479055 |
| Application Number: | 29479058 |
| Application Number: | 29479060 |
| Application Number: | 29479064 |
| Application Number: | 29479066 |
| Application Number: | 29479069 |
| Application Number: | 29479071 |
| Application Number: | 29479074 |
| Application Number: | 29479077 |
| Application Number: | 29479078 |
| Application Number: | 29479079 |
| Application Number: | 29482849 |
| Application Number: | 29482850 |
| Application Number: | 29482851 |
| Application Number: | 29482852 |
| Application Number: | 29482854 |
| Application Number: | 29482855 |
| Application Number: | 29482856 |
| Application Number: | 29485103 |
| Application Number: | 29485118 |
| Application Number: | 29495368 |
| Application Number: | 29495369 |
| Application Number: | 29495373 |
| Application Number: | 29495376 |
| Application Number: | 29495380 |
| Application Number: | 29495384 |
| Application Number: | 29495387 |
| Application Number: | 29495389 |
| Application Number: | 29495390 |
| Application Number: | 29495394 |
| Application Number: | 29495395 |
| Application Number: | 29495397 |
| Application Number: | 29495399 |
| Application Number: | 29495400 |
| Application Number: | 29495404 |
| Application Number: | 29495405 |
| Application Number: | 29495406 |
| Application Number: | 29495407 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29495669 |
| Application Number: | 29495670 |
| Application Number: | 29495674 |
| Application Number: | 29508180 |
| Application Number: | 29508184 |
| Application Number: | 29508185 |
| Application Number: | 29508187 |
| Application Number: | 29508193 |
| Application Number: | 29508196 |
| Application Number: | 29508200 |
| Application Number: | 29508205 |
| Application Number: | 29508207 |
| Application Number: | 29516012 |
| Application Number: | 29516014 |
| Application Number: | 29516015 |
| Application Number: | 29516016 |
| Application Number: | 29516017 |
| Application Number: | 29517054 |
| Application Number: | 29517056 |

CORRESPONDENCE DATA

Fax Number: (617)235-9802

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6179517860

Email: ronald.duvernay@ropesgray.com

Correspondent Name: JOSHUA S. JACKSON

Address Line 1: PRUDENTIAL TOWER, 800 BOYLSTON STREET

Address Line 2: ROPES & GRAY LLP

Address Line 4: BOSTON, MASSACHUSETTS 02199-3600

| | |
|-------------------------|--|
| ATTORNEY DOCKET NUMBER: | MFOG-652 |
| NAME OF SUBMITTER: | JOSHUA S. JACKSON |
| SIGNATURE: | /j jackson/ |
| DATE SIGNED: | 08/27/2015 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 32

source=MFOG Amended PAT Sec Int#page1.tif

source=MFOG Amended PAT Sec Int#page2.tif

source=MFOG Amended PAT Sec Int#page3.tif

source=MFOG Amended PAT Sec Int#page4.tif

source=MFOG Amended PAT Sec Int#page5.tif
source=MFOG Amended PAT Sec Int#page6.tif
source=MFOG Amended PAT Sec Int#page7.tif
source=MFOG Amended PAT Sec Int#page8.tif
source=MFOG Amended PAT Sec Int#page9.tif
source=MFOG Amended PAT Sec Int#page10.tif
source=MFOG Amended PAT Sec Int#page11.tif
source=MFOG Amended PAT Sec Int#page12.tif
source=MFOG Amended PAT Sec Int#page13.tif
source=MFOG Amended PAT Sec Int#page14.tif
source=MFOG Amended PAT Sec Int#page15.tif
source=MFOG Amended PAT Sec Int#page16.tif
source=MFOG Amended PAT Sec Int#page17.tif
source=MFOG Amended PAT Sec Int#page18.tif
source=MFOG Amended PAT Sec Int#page19.tif
source=MFOG Amended PAT Sec Int#page20.tif
source=MFOG Amended PAT Sec Int#page21.tif
source=MFOG Amended PAT Sec Int#page22.tif
source=MFOG Amended PAT Sec Int#page23.tif
source=MFOG Amended PAT Sec Int#page24.tif
source=MFOG Amended PAT Sec Int#page25.tif
source=MFOG Amended PAT Sec Int#page26.tif
source=MFOG Amended PAT Sec Int#page27.tif
source=MFOG Amended PAT Sec Int#page28.tif
source=MFOG Amended PAT Sec Int#page29.tif
source=MFOG Amended PAT Sec Int#page30.tif
source=MFOG Amended PAT Sec Int#page31.tif
source=MFOG Amended PAT Sec Int#page32.tif

AMENDED AND RESTATED PATENT SECURITY AGREEMENT

THIS AMENDED AND RESTATED PATENT SECURITY AGREEMENT (as it may be amended, restated or otherwise modified from time to time, the “Patent Security Agreement”) is entered into as of August 26, 2015 by and among (i) AliphCom, a California corporation (the “Company”), MacGyver Acquisition LLC, a Delaware limited liability company, Aliph, Inc., a Delaware Corporation, BodyMedia, Inc., a Delaware corporation, and Project Paris Acquisition LLC, a Delaware limited liability company (each, a “Grantor”, and collectively, the “Grantors”), and (ii) BlackRock Advisors, LLC, a Delaware limited liability company (the “Agent”).

W I T N E S S E T H:

WHEREAS, each of the Grantors, the Purchasers identified therein and the Agent are entering into the Note Purchase Agreement, dated as of April 28, 2015, as amended by the First Amendment to Note Purchase Agreement; Omnibus Amendment to Secured Convertible Promissory Notes and Limited Consent, dated as of July 22, 2015 (as amended, restated, supplemented, or otherwise modified from time to time, the “Existing Note Purchase Agreement”), pursuant to which the Company issued certain secured convertible promissory notes (the “Notes”) and the other Grantors agreed to Guarantee the Obligations;

WHEREAS, each of the Grantors and the Agent entered into the original Security Agreement, dated as of April 28, 2015 (as amended, restated, supplemented, or otherwise modified from time to time, the “Original Security Agreement”), in order to induce the Purchasers to purchase the Notes and to secure the Secured Obligations; and

WHEREAS, pursuant to the Original Security Agreement, each of the Grantors is required to execute and deliver to Agent the original Patent Security Agreement, dated as of April 28, 2015 (the “Original Patent Security Agreement”);

WHEREAS, each of the Grantors, the Purchasers identified therein and the Agent entered into the Note Purchase Agreement, dated as of July 21, 2015 (as amended, restated, supplemented, or otherwise modified from time to time, the “July 2015 Note Purchase Agreement”), pursuant to which the Company issued certain additional Notes and the other Grantors agreed to Guarantee the Secured Obligations;

WHEREAS, each of the Grantors and the Agent entered into the Amended and Restated Security Agreement, dated as of July 22, 2015 (as amended, restated, supplemented, or otherwise modified from time to time, the “Security Agreement”), in order to induce the Purchasers to purchase the additional Notes and to secure the Secured Obligations; and

WHEREAS, the parties to the Original Patent Security Agreement wish to amend and restate the Original Patent Security Agreement in its entirety;

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

1. **DEFINED TERMS.** All initially capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement, and this Patent Security Agreement shall be subject to the rules of construction set forth in the Security Agreement, which rules of construction are incorporated herein by this reference, *mutatis mutandis*.

2. GRANT OF SECURITY INTEREST IN PATENT COLLATERAL. Each Grantor does hereby unconditionally grant, assign, and pledge to Agent, and agrees to unconditionally grant, assign, and pledge to Agent, for its benefit and the benefit of each of the Noteholders, to secure the Secured Obligations, as applicable, a continuing security interest (referred to in this Patent Security Agreement as the “Security Interest”) in all of such Grantor’s entire right, title and interest in and to the following, whether now owned or hereafter acquired or arising (collectively, the “Patent Collateral”):

(a) all of such Grantor’s Patents and Patent Intellectual Property Licenses to which it is a party including those referred to on Schedule I;

(b) all applications, improvements, divisionals, continuations, continuations-in-part, reissues, reexaminations, or extensions of the foregoing, foreign counterparts, and the inventions covered thereby;

(c) all files and records relating to the prosecution, exploitation, and defense of any of the foregoing, and all rights of action pertaining to the Grantor’s Patents; and

(d) all products and proceeds of the foregoing, including any claim by such Grantor against third parties for past, present or future infringement of any Patent or any Patent exclusively licensed under any Intellectual Property License, including the right to receive damages, or right to receive license fees, royalties, and other compensation under any Patent Intellectual Property License.

3. SECURITY FOR SECURED OBLIGATIONS. This Patent Security Agreement and the Security Interest created hereby secures the payment and performance of the Secured Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Patent Security Agreement secures the payment of all amounts which constitute part of the Secured Obligations and would be owed by Grantors, or any of them, to Agent, or the Noteholders, whether or not they are unenforceable or not allowable due to the existence of an Insolvency Proceeding involving any Grantor.

4. SECURITY AGREEMENT. The Security Interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interests granted to Agent, for its benefit and the benefit of the Noteholders, pursuant to the Security Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the Security Interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. To the extent there is any inconsistency between this Patent Security Agreement and the Security Agreement, the Security Agreement shall control.

5. AUTHORIZATION TO SUPPLEMENT. If any Grantor shall obtain rights to any new patent application or issued patent or become entitled to the benefit of any patent application or patent for any improvement, divisional, continuation, continuation-in-part, reissue, or reexamination of any existing patent or patent application, or any inventions covered thereby, the provisions of this Patent Security Agreement shall automatically apply thereto. Grantors hereby authorize Agent unilaterally to modify this Patent Security Agreement by amending Schedule I to include any such new patent rights of each Grantor. Notwithstanding the foregoing, no failure to so modify this Patent Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from Agent’s continuing security interest in all Collateral, whether or not listed on Schedule I.

6. COUNTERPARTS. This Patent Security Agreement is a Note Document. This Patent Security Agreement may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, shall be deemed to be an original, and all of which, when taken together, shall constitute but one and the same Patent Security Agreement. Delivery

of an executed counterpart of this Patent Security Agreement by telefacsimile or other electronic method of transmission shall be equally as effective as delivery of an original executed counterpart of this Patent Security Agreement. Any party delivering an executed counterpart of this Patent Security Agreement by telefacsimile or other electronic method of transmission also shall deliver an original executed counterpart of this Patent Security Agreement but the failure to deliver an original executed counterpart shall not affect the validity, enforceability, and binding effect of this Patent Security Agreement.

7. CHOICE OF LAW AND VENUE, JURY TRIAL WAIVER. THIS PATENT SECURITY AGREEMENT SHALL BE SUBJECT TO THE PROVISIONS REGARDING CHOICE OF LAW AND VENUE AND JURY TRIAL WAIVER SET FORTH IN SECTIONS 8.16, 8.17 AND 8.18 OF THE SECURITY AGREEMENT, AND SUCH PROVISIONS ARE INCORPORATED HEREIN BY THIS REFERENCE, *MUTATIS MUTANDIS*.

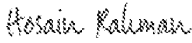
8. ORIGINAL PATENT SECURITY AGREEMENT AMENDED AND RESTATED. This Patent Security Agreement is an amendment and restatement of the Original Patent Security Agreement. This Patent Security Agreement is in no way intended to constitute a novation of the Original Patent Security Agreement or the "Obligations" (as defined in the Existing Note Purchase Agreement and the July 2015 Note Purchase Agreement). Any security granted pursuant to or in connection with the Original Patent Security Agreement and the other documents executed in connection therewith shall continue to secure the Secured Obligations.

[signature page follows]

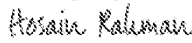
IN WITNESS WHEREOF, the parties hereto have caused this Patent Security Agreement to be executed and delivered as of the day and year first above written.

GRANTORS:

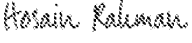
ALIPHCOM,
a California corporation

DocuSigned by:

By: 0E4D8FA187D24C0...
Name: Hosain Rahman
Title: Chief Executive Officer


ALIPH, INC.,
a Delaware corporation

DocuSigned by:

By: 0E4D8FA187D24C0...
Name: Hosain Rahman
Title: Chief Executive Officer

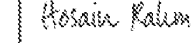
MACGYVER ACQUISITION, LLC,
a Delaware limited liability company
by **ALIPHCOM**, as sole member

DocuSigned by:

By: 0E4D8FA187D24C0...
Name: Hosain Rahman
Title: Chief Executive Officer

BODYMEDIA, INC.,
a Delaware corporation

DocuSigned by:

By: 0E4D8FA187D24C0...
Name: Hosain Rahman
Title: Chief Executive Officer

PROJECT PARIS ACQUISITION LLC, a
Delaware limited liability company
by **ALIPHCOM**, as sole member


DocuSigned by:

By: 0E4D8FA187D24C0...
Name: Hosain Rahman
Title: Chief Executive Officer

[SIGNATURE PAGE TO AMENDED AND RESTATED PATENT SECURITY AGREEMENT]

AGENT:

ACCEPTED AND ACKNOWLEDGED BY:

BLACKROCK ADVISORS, LLC

By: 
Name: Lisa D'Donnell
Title: Managing Director, Authorized Signatory

[SIGNATURE PAGE TO AMENDED AND RESTATED PATENT SECURITY AGREEMENT]

SCHEDULE I
to
PATENT SECURITY AGREEMENT

Patents

| Current Owner | Country | Patent No. | Application No. | Filed |
|----------------|---------|------------|-----------------|-----------|
| Aliph, Inc. | U.S. | 7246058B2 | 10159770 | 5/30/2002 |
| Aliph, Inc. | U.S. | | 13069244 | 3/22/2011 |
| Aliph, Inc. | U.S. | | 13069264 | 3/22/2011 |
| Aliph, Inc. | U.S. | | 13069275 | 3/22/2011 |
| Aliph, Inc. | U.S. | 8,942,383 | 13753441 | 1/29/2013 |
| Aliph, Inc. | U.S. | D0609901S | 29333427 | 3/9/2009 |
| Aliph, Inc. | U.S. | D0610579S | 29333428 | 3/9/2009 |
| Aliph, Inc. | U.S. | D0614179S | 29333430 | 3/9/2009 |
| Aliph, Inc. | U.S. | D0609900S | 29333431 | 3/9/2009 |
| Aliph, Inc. | U.S. | D0620247S | 29333432 | 3/9/2009 |
| Aliphcom, Inc. | U.S. | 8467543B2 | 10400282 | 3/27/2003 |
| Aliphcom, Inc. | U.S. | 8019091B2 | 10667207 | 9/18/2003 |
| Aliphcom, Inc. | U.S. | 7433484B2 | 10769302 | 1/30/2004 |
| Aliphcom, Inc. | U.S. | 8340309B2 | 11199856 | 8/8/2005 |

| | | | | |
|----------------|------|-----------|----------|-----------|
| Aliphcom | U.S. | 8810732B1 | 11704552 | 2/9/2007 |
| Aliphcom | U.S. | 8839342B2 | 11859460 | 9/21/2007 |
| Aliphcom | U.S. | 8320824B2 | 11860004 | 9/24/2007 |
| Aliphcom | U.S. | 7929446 | 11969737 | 1/4/2008 |
| Aliphcom | U.S. | | 11982956 | 11/5/2007 |
| Aliphcom | U.S. | 8489136B2 | 12006607 | 1/3/2008 |
| AliphCom, Inc. | U.S. | 8055307 | 12039718 | 2/18/2008 |
| Aliphcom, Inc. | U.S. | 8625816B2 | 12123364 | 5/19/2008 |
| Aliphcom, Inc. | U.S. | 8503691B2 | 12139333 | 6/13/2008 |
| Aliphcom, Inc. | U.S. | 8837746B2 | 12139344 | 6/13/2008 |
| Aliphcom, Inc. | U.S. | 8494177B2 | 12139355 | 6/13/2008 |
| Aliphcom, Inc. | U.S. | 8503692B2 | 12139361 | 6/13/2008 |

| | | | | |
|----------------|------|-----------|----------|------------|
| Aliphcom, Inc. | U.S. | 8254617B2 | 12163592 | 6/27/2008 |
| Aliphcom, Inc. | U.S. | 8280072B2 | 12163617 | 6/27/2008 |
| Aliphcom, Inc. | U.S. | | 12163647 | 6/27/2008 |
| Aliphcom, Inc. | U.S. | 8477961B2 | 12163675 | 6/27/2008 |
| Aliphcom, Inc. | U.S. | 8130984B2 | 12243718 | 10/1/2008 |
| Aliphcom, Inc. | U.S. | 8503596B2 | 12244670 | 10/2/2008 |
| Aliphcom, Inc. | U.S. | 8452347B2 | 12354689 | 1/15/2009 |
| Aliphcom, Inc. | U.S. | 8326611B2 | 12606140 | 10/26/2009 |
| Aliphcom, Inc. | U.S. | 8321213B2 | 12606146 | 10/26/2009 |
| Aliphcom, Inc. | U.S. | | 12756051 | 4/7/2010 |
| Aliphcom, Inc. | U.S. | 8503686B2 | 12772947 | 5/3/2010 |
| Aliphcom, Inc. | U.S. | 8452023B2 | 12772963 | 5/3/2010 |
| Aliphcom, Inc. | U.S. | 8488803B2 | 12772975 | 5/3/2010 |

| | | | | |
|----------------|------|-----------|----------|-----------|
| Aliphcom, Inc. | U.S. | 8699721B2 | 12826643 | 6/29/2010 |
| Aliphcom, Inc. | U.S. | 8731211B2 | 12826658 | 6/29/2010 |
| Aliphcom, Inc. | U.S. | 8842848B2 | 12882482 | 9/15/2010 |
| Aliphcom, Inc. | U.S. | 9003429 | 12886919 | 9/21/2010 |
| Aliphcom, Inc. | U.S. | | 13037057 | 2/28/2011 |
| AliphCom | U.S. | | 13109839 | 5/17/2011 |
| Aliphcom, Inc. | U.S. | 8817642B2 | 13117539 | 5/27/2011 |
| Aliphcom, Inc. | U.S. | | 13135728 | 7/12/2011 |
| Aliphcom, Inc. | U.S. | | 13158372 | 6/10/2011 |
| Aliphcom, Inc. | U.S. | | 13158416 | 6/11/2011 |
| Aliphcom | U.S. | | 13180000 | 7/11/2011 |
| Aliphcom | U.S. | 8793522B2 | 13180320 | 7/11/2011 |
| Aliphcom | U.S. | | 13181486 | 7/12/2011 |

| | | | | |
|----------------|------|-----------|----------|------------|
| Aliphcom | U.S. | | 13181500 | 7/12/2011 |
| Aliphcom | U.S. | | 13181511 | 7/12/2011 |
| Aliphcom | U.S. | | 13181512 | 7/12/2011 |
| Aliphcom | U.S. | | 13181513 | 7/12/2011 |
| Aliphcom | U.S. | 8838184B2 | 13184422 | 7/15/2011 |
| Aliphcom | U.S. | | 13209047 | 8/12/2011 |
| AliphCom, Inc. | U.S. | 8509690B2 | 13246617 | 9/27/2011 |
| Aliphcom | U.S. | | 13247975 | 9/28/2011 |
| Aliphcom | U.S. | 8804986B2 | 13270976 | 10/11/2011 |
| Aliphcom | U.S. | | 13346719 | 1/9/2012 |
| Aliphcom | U.S. | | 13361919 | 1/30/2012 |
| Aliphcom | U.S. | | 13374746 | 1/9/2012 |

| | | | | |
|----------------|------|-----------|----------|-----------|
| Aliphcom | U.S. | | 13405240 | 2/25/2012 |
| Aliphcom | U.S. | | 13405241 | 2/25/2012 |
| Aliphcom | U.S. | | 13420568 | 3/14/2012 |
| Aliphcom | U.S. | | 13421576 | 3/15/2012 |
| Aliphcom | U.S. | 8529811B2 | 13427839 | 3/22/2012 |
| Aliphcom, Inc. | U.S. | | 13431725 | 3/27/2012 |
| Aliphcom | U.S. | | 13433204 | 3/28/2012 |
| Aliphcom | U.S. | | 13433208 | 3/28/2012 |
| Aliphcom | U.S. | | 13433213 | 3/28/2012 |
| Aliphcom, Inc. | U.S. | 8682018B2 | 13436765 | 3/30/2012 |
| Aliphcom, Inc. | U.S. | 8446275B2 | 13454040 | 4/23/2012 |
| Aliphcom | U.S. | | 13491345 | 6/7/2012 |

| | | | | |
|----------------|------|--|----------|-----------|
| Aliphcom | U.S. | | 13491524 | 6/7/2012 |
| Aliphcom | U.S. | | 13492770 | 6/8/2012 |
| Aliphcom | U.S. | | 13492776 | 6/8/2012 |
| Aliphcom | U.S. | | 13492857 | 6/9/2012 |
| Aliphcom | U.S. | | 13528830 | 6/20/2012 |
| AliphCom | U.S. | | 13552462 | 7/18/2012 |
| Aliphcom | U.S. | | 13561033 | 7/28/2012 |
| AliphCom | U.S. | | 13627997 | 9/26/2012 |
| AliphCom, Inc. | U.S. | | 13666932 | 11/1/2012 |
| AliphCom, Inc. | U.S. | | 13669356 | 11/5/2012 |
| AliphCom, Inc. | U.S. | | 13669369 | 11/5/2012 |
| AliphCom, Inc. | U.S. | | 13669375 | 11/5/2012 |
| AliphCom | U.S. | | 13670419 | 11/6/2012 |
| AliphCom | U.S. | | 13672392 | 11/8/2012 |
| Aliphcom | U.S. | | 13672398 | 11/8/2012 |
| AliphCom | U.S. | | 13672451 | 11/8/2012 |

| | | | | |
|----------------|------|-----------|----------|------------|
| Aliphcom | U.S. | | 13672671 | 11/8/2012 |
| AliphCom | U.S. | | 13673846 | 11/9/2012 |
| AliphCom | U.S. | | 13673857 | 11/9/2012 |
| AliphCom | U.S. | | 13674080 | 11/11/2012 |
| AliphCom | U.S. | 8934654B2 | 13802266 | 3/13/2013 |
| AliphCom | U.S. | | 13802283 | 3/13/2013 |
| AliphCom | U.S. | | 13802305 | 3/13/2013 |
| AliphCom | U.S. | | 13802319 | 3/13/2013 |
| AliphCom | U.S. | | 13802409 | 3/13/2013 |
| AliphCom | U.S. | | 13802425 | 3/13/2013 |
| AliphCom | U.S. | | 13802442 | 3/13/2013 |
| Aliphcom, Inc. | U.S. | | 13802528 | 3/13/2013 |
| AliphCom | U.S. | | 13802646 | 3/13/2013 |
| Aliphcom | U.S. | | 13802674 | 3/13/2013 |
| Aliphcom | U.S. | | 13802689 | 3/13/2013 |
| Aliphcom | U.S. | | 13827683 | 3/14/2013 |
| AliphCom | U.S. | | 13827754 | 3/14/2013 |
| AliphCom | U.S. | | 13830770 | 3/14/2013 |
| Aliphcom | U.S. | | 13830860 | 3/14/2013 |
| Aliphcom | U.S. | | 13830927 | 3/14/2013 |
| Aliphcom | U.S. | | 13831139 | 3/14/2013 |

| | | | | |
|----------|------|--|----------|-----------|
| AliphCom | U.S. | | 13831260 | 3/14/2013 |
| AliphCom | U.S. | | 13831301 | 3/14/2013 |
| AliphCom | U.S. | | 13831447 | 3/14/2013 |
| Aliphcom | U.S. | | 13831485 | 3/14/2013 |
| AliphCom | U.S. | | 13831689 | 3/15/2013 |
| AliphCom | U.S. | | 13831698 | 3/15/2013 |
| Aliphcom | U.S. | | 13871843 | 4/26/2013 |
| AliphCom | U.S. | | 13886173 | 5/2/2013 |
| Aliphcom | U.S. | | 13886254 | 5/2/2013 |
| AliphCom | U.S. | | 13890143 | 5/8/2013 |
| AliphCom | U.S. | | 13894850 | 5/15/2013 |
| Aliphcom | U.S. | | 13898451 | 5/20/2013 |
| AliphCom | U.S. | | 13898465 | 5/20/2013 |
| AliphCom | U.S. | | 13898472 | 5/21/2013 |
| AliphCom | U.S. | | 13898474 | 5/21/2013 |
| AliphCom | U.S. | | 13900943 | 5/23/2013 |
| AliphCom | U.S. | | 13906109 | 5/30/2013 |
| AliphCom | U.S. | | 13906244 | 5/30/2013 |
| AliphCom | U.S. | | 13917225 | 6/13/2013 |
| Aliphcom | U.S. | | 13919307 | 6/17/2013 |
| Aliphcom | U.S. | | 13919339 | 6/17/2013 |
| AliphCom | U.S. | | 13919919 | 6/17/2013 |

| | | | | |
|----------------|------|--|----------|------------|
| AliphCom | U.S. | | 13929718 | 6/27/2013 |
| Aliphcom | U.S. | | 13942503 | 7/15/2013 |
| Aliphcom | U.S. | | 13942623 | 7/15/2013 |
| Aliphcom | U.S. | | 13942674 | 7/15/2013 |
| Aliphcom, Inc. | U.S. | | 13948160 | 7/22/2013 |
| AliphCom | U.S. | | 13952532 | 7/26/2013 |
| AliphCom | U.S. | | 13952552 | 7/26/2013 |
| AliphCom | U.S. | | 13954331 | 7/30/2013 |
| AliphCom | U.S. | | 13954367 | 7/30/2013 |
| AliphCom | U.S. | | 13957383 | 8/1/2013 |
| Aliphcom | U.S. | | 13959707 | 8/5/2013 |
| Aliphcom, Inc. | U.S. | | 13959708 | 8/5/2013 |
| Aliphcom | U.S. | | 13959709 | 8/5/2013 |
| AliphCom | U.S. | | 13967317 | 8/14/2013 |
| AliphCom | U.S. | | 14029300 | 9/17/2013 |
| AliphCom | U.S. | | 14058125 | 10/18/2013 |
| AliphCom | U.S. | | 14064189 | 10/27/2013 |
| AliphCom | U.S. | | 14065393 | 10/28/2013 |
| AliphCom | U.S. | | 14065400 | 10/28/2013 |
| AliphCom | U.S. | | 14065415 | 10/28/2013 |
| AliphCom | U.S. | | 14065419 | 10/29/2013 |
| AliphCom | U.S. | | 14067444 | 10/30/2013 |
| AliphCom | U.S. | | 14068551 | 10/31/2013 |
| AliphCom | U.S. | | 14069008 | 10/31/2013 |
| AliphCom | U.S. | | 14069031 | 10/31/2013 |

| | | | | |
|----------|------|--|----------|------------|
| AliphCom | U.S. | | 14070437 | 11/1/2013 |
| Aliphcom | U.S. | | 14070443 | 11/1/2013 |
| AliphCom | U.S. | | 14070446 | 11/1/2013 |
| AliphCom | U.S. | | 14070452 | 11/1/2013 |
| AliphCom | U.S. | | 14071531 | 11/4/2013 |
| AliphCom | U.S. | | 14071546 | 11/4/2013 |
| AliphCom | U.S. | | 14073550 | 11/6/2013 |
| AliphCom | U.S. | | 14073696 | 11/6/2013 |
| AliphCom | U.S. | | 14075523 | 11/8/2013 |
| AliphCom | U.S. | | 14076014 | 11/8/2013 |
| AliphCom | U.S. | | 14079632 | 11/13/2013 |
| AliphCom | U.S. | | 14105119 | 12/12/2013 |
| AliphCom | U.S. | | 14105127 | 12/12/2013 |
| AliphCom | U.S. | | 14105146 | 12/12/2013 |
| AliphCom | U.S. | | 14105157 | 12/12/2013 |
| AliphCom | U.S. | | 14105159 | 12/12/2013 |
| AliphCom | U.S. | | 14105172 | 12/12/2013 |
| AliphCom | U.S. | | 14105173 | 12/12/2013 |
| AliphCom | U.S. | | 14144494 | 12/30/2013 |
| AliphCom | U.S. | | 14144499 | 12/30/2013 |
| AliphCom | U.S. | | 14144505 | 12/30/2013 |
| AliphCom | U.S. | | 14144512 | 12/30/2013 |
| AliphCom | U.S. | | 14144513 | 12/30/2013 |
| AliphCom | U.S. | | 14144514 | 12/30/2013 |
| AliphCom | U.S. | | 14144516 | 12/30/2013 |
| AliphCom | U.S. | | 14144517 | 12/30/2013 |
| AliphCom | U.S. | | 14144518 | 12/30/2013 |
| AliphCom | U.S. | | 14144519 | 12/30/2013 |
| AliphCom | U.S. | | 14144521 | 12/30/2013 |
| AliphCom | U.S. | | 14144524 | 12/30/2013 |

| | | | | |
|----------|------|--|----------|------------|
| AliphCom | U.S. | | 14145849 | 12/31/2013 |
| AliphCom | U.S. | | 14145852 | 12/31/2013 |
| AliphCom | U.S. | | 14145856 | 12/31/2013 |
| Aliphcom | U.S. | | 14145879 | 12/31/2013 |
| AliphCom | U.S. | | 14145887 | 12/31/2013 |
| AliphCom | U.S. | | 14145894 | 12/31/2013 |
| AliphCom | U.S. | | 14149805 | 1/7/2014 |
| AliphCom | U.S. | | 14181589 | 2/14/2014 |
| AliphCom | U.S. | | 14181595 | 2/18/2014 |
| AliphCom | U.S. | | 14183425 | 2/18/2014 |
| AliphCom | U.S. | | 14183463 | 2/18/2014 |
| AliphCom | U.S. | | 14183472 | 2/18/2014 |
| AliphCom | U.S. | | 14183490 | 2/18/2014 |
| AliphCom | U.S. | | 14183491 | 2/18/2014 |
| AliphCom | U.S. | | 14183493 | 2/18/2014 |
| AliphCom | U.S. | | 14187317 | 2/23/2014 |
| AliphCom | U.S. | | 14188602 | 2/24/2014 |
| AliphCom | U.S. | | 14191284 | 2/26/2014 |
| AliphCom | U.S. | | 14192432 | 2/27/2014 |
| AliphCom | U.S. | | 14192463 | 2/27/2014 |
| AliphCom | U.S. | | 14192610 | 2/27/2014 |
| AliphCom | U.S. | | 14192620 | 2/27/2014 |
| AliphCom | U.S. | | 14194424 | 2/28/2014 |
| AliphCom | U.S. | | 14194495 | 2/28/2014 |
| AliphCom | U.S. | | 14203464 | 3/10/2014 |
| AliphCom | U.S. | | 14203467 | 3/10/2014 |
| AliphCom | U.S. | | 14205138 | 3/11/2014 |
| AliphCom | U.S. | | 14205151 | 3/11/2014 |
| AliphCom | U.S. | | 14205215 | 3/11/2014 |
| AliphCom | U.S. | | 14205263 | 3/11/2014 |

| | | | | |
|----------------|------|--|----------|-----------|
| AliphCom | U.S. | | 14207183 | 3/12/2014 |
| AliphCom | U.S. | | 14207203 | 3/12/2014 |
| AliphCom | U.S. | | 14207221 | 3/12/2014 |
| AliphCom | U.S. | | 14207235 | 3/12/2014 |
| AliphCom | U.S. | | 14207243 | 3/12/2014 |
| AliphCom | U.S. | | 14207263 | 3/12/2014 |
| AliphCom | U.S. | | 14207420 | 3/12/2014 |
| AliphCom | U.S. | | 14207429 | 3/12/2014 |
| AliphCom | U.S. | | 14209329 | 3/13/2014 |
| AliphCom | U.S. | | 14209690 | 3/13/2014 |
| AliphCom | U.S. | | 14209959 | 3/13/2014 |
| AliphCom | U.S. | | 14210201 | 3/13/2014 |
| AliphCom | U.S. | | 14210234 | 3/13/2014 |
| AliphCom | U.S. | | 14212832 | 3/14/2014 |
| AliphCom | U.S. | | 14213439 | 3/14/2014 |
| AliphCom | U.S. | | 14214065 | 3/14/2014 |
| AliphCom | U.S. | | 14214086 | 3/14/2014 |
| AliphCom | U.S. | | 14214254 | 3/14/2014 |
| AliphCom | U.S. | | 14215038 | 3/16/2014 |
| AliphCom | U.S. | | 14215047 | 3/16/2014 |
| AliphCom | U.S. | | 14215051 | 3/16/2014 |
| AliphCom | U.S. | | 14219648 | 3/19/2014 |
| Aliphcom, Inc. | U.S. | | 14224868 | 3/25/2014 |
| AliphCom | U.S. | | 14225339 | 3/25/2014 |
| AliphCom | U.S. | | 14243747 | 4/2/2014 |
| AliphCom | U.S. | | 14244677 | 4/3/2014 |
| AliphCom | U.S. | | 14244759 | 4/3/2014 |
| AliphCom | U.S. | | 14246971 | 4/7/2014 |
| AliphCom | U.S. | | 14260221 | 4/23/2014 |
| AliphCom | U.S. | | 14266697 | 4/30/2014 |
| AliphCom | U.S. | | 14270242 | 5/5/2014 |
| AliphCom | U.S. | | 14270249 | 5/5/2014 |

| | | | | |
|----------------|------|-----------|----------|------------|
| AliphCom | U.S. | | 14272464 | 5/7/2014 |
| AliphCom | U.S. | | 14279253 | 5/15/2014 |
| AliphCom | U.S. | | 14281856 | 5/19/2014 |
| AliphCom | U.S. | | 14289617 | 5/28/2014 |
| AliphCom | U.S. | | 14301220 | 6/10/2014 |
| AliphCom | U.S. | | 14301227 | 6/10/2014 |
| AliphCom | U.S. | | 14313895 | 6/24/2014 |
| AliphCom | U.S. | | 14328665 | 7/10/2014 |
| AliphCom | U.S. | | 14389766 | 9/30/2014 |
| AliphCom | U.S. | | 14421815 | 2/13/2015 |
| AliphCom | U.S. | | 14445051 | 7/28/2014 |
| AliphCom | U.S. | | 14452496 | 8/5/2014 |
| AliphCom | U.S. | | 14457051 | 8/11/2014 |
| AliphCom | U.S. | | 14463556 | 8/19/2014 |
| AliphCom | U.S. | | 14468327 | 8/25/2014 |
| AliphCom, Inc. | U.S. | D0582398S | 29299133 | 12/19/2007 |
| AliphCom, Inc. | U.S. | D0584294S | 29299134 | 12/19/2007 |
| AliphCom, Inc. | U.S. | D0582898S | 29299135 | 12/19/2007 |
| AliphCom, Inc. | U.S. | D0585881S | 29299139 | 12/19/2007 |
| Aliphcom | U.S. | D0632674S | 29353843 | 1/14/2010 |
| Aliphcom | U.S. | D0632675S | 29353844 | 1/14/2010 |
| Aliphcom | U.S. | D0645026S | 29353846 | 1/14/2010 |
| Aliphcom | U.S. | D0632676S | 29353847 | 1/14/2010 |

| | | | | |
|----------|------|-----------|----------|------------|
| Aliphcom | U.S. | D0633480S | 29354212 | 1/20/2010 |
| Aliphcom | U.S. | D0648709S | 29377627 | 10/22/2010 |
| Aliphcom | U.S. | D0648726S | 29377628 | 10/22/2010 |
| Aliphcom | U.S. | D0645024S | 29378325 | 11/2/2010 |
| AliphCom | U.S. | D0655689S | 29378327 | 11/2/2010 |
| AliphCom | U.S. | D0652019S | 29378328 | 11/2/2010 |
| AliphCom | U.S. | D0652020S | 29378329 | 11/2/2010 |
| AliphCom | U.S. | D0641341S | 29383495 | 1/18/2011 |
| AliphCom | U.S. | D0664948S | 29383712 | 1/20/2011 |
| AliphCom | U.S. | D0664949S | 29383714 | 1/20/2011 |
| AliphCom | U.S. | D0653149S | 29393916 | 6/10/2011 |
| AliphCom | U.S. | D0695758S | 29405617 | 11/3/2011 |
| AliphCom | U.S. | D0696272S | 29405623 | 11/3/2011 |
| AliphCom | U.S. | D0695759S | 29405625 | 11/3/2011 |
| AliphCom | U.S. | D0695760S | 29405626 | 11/3/2011 |
| AliphCom | U.S. | D0695761S | 29405627 | 11/3/2011 |
| AliphCom | U.S. | D0696273S | 29405628 | 11/3/2011 |
| AliphCom | U.S. | D0696274S | 29405630 | 11/3/2011 |

| | | | | |
|----------|------|-----------|----------|-----------|
| | | | | |
| AliphCom | U.S. | D0695762S | 29405631 | 11/3/2011 |
| AliphCom | U.S. | D0699252S | 29405633 | 11/3/2011 |
| AliphCom | U.S. | D0695763S | 29405634 | 11/3/2011 |
| AliphCom | U.S. | D0696275S | 29405635 | 11/3/2011 |
| AliphCom | U.S. | D0695764S | 29405636 | 11/3/2011 |
| AliphCom | U.S. | D0695765S | 29405637 | 11/3/2011 |
| AliphCom | U.S. | D0695766S | 29405638 | 11/3/2011 |
| AliphCom | U.S. | D0695767S | 29405639 | 11/3/2011 |
| AliphCom | U.S. | D0695768S | 29405640 | 11/3/2011 |
| AliphCom | U.S. | D0695769S | 29405641 | 11/3/2011 |
| AliphCom | U.S. | D0695770S | 29405642 | 11/3/2011 |
| AliphCom | U.S. | D0695771S | 29405643 | 11/3/2011 |
| AliphCom | U.S. | D0695772S | 29405644 | 11/3/2011 |
| AliphCom | U.S. | D0695773S | 29405645 | 11/3/2011 |
| AliphCom | U.S. | D0696276S | 29405646 | 11/3/2011 |
| AliphCom | U.S. | D0678864S | 29413571 | 2/16/2012 |
| AliphCom | U.S. | D0678865S | 29413572 | 2/16/2012 |

| | | | | |
|----------|------|-----------|------------|------------|
| | | | | |
| AliphCom | U.S. | D0678244S | 29413573 | 2/16/2012 |
| AliphCom | U.S. | D0698757S | 29445283 | 2/8/2013 |
| AliphCom | U.S. | D0698758S | 29445286 | 2/8/2013 |
| AliphCom | U.S. | D0698759S | 29445287 | 2/8/2013 |
| AliphCom | U.S. | D0710325S | 29459899 | 7/3/2013 |
| AliphCom | U.S. | D0713389S | 29459900 | 7/3/2013 |
| AliphCom | U.S. | | 62019327 | 6/30/2014 |
| AliphCom | U.S. | | 62067428 | 10/22/2014 |
| AliphCom | U.S. | | 62107411 | 1/25/2015 |
| AliphCom | U.S. | | 14/121,355 | 8/22/2014 |
| AliphCom | U.S. | | 14/121,463 | 9/8/2014 |
| AliphCom | U.S. | | 14/121,465 | 9/8/2014 |
| AliphCom | U.S. | | 14/121,938 | 11/4/2014 |
| AliphCom | U.S. | | 14/121,939 | 11/4/2014 |
| AliphCom | U.S. | | 14/121,940 | 11/4/2014 |
| AliphCom | U.S. | | 14/121,941 | 11/4/2014 |
| AliphCom | U.S. | | 14/121,942 | 11/4/2014 |
| AliphCom | U.S. | | 14/121,943 | 11/4/2014 |
| AliphCom | U.S. | | 14/121,944 | 11/4/2014 |
| AliphCom | U.S. | | 14/121,947 | 11/4/2014 |
| AliphCom | U.S. | | 14/121,948 | 11/4/2014 |
| AliphCom | U.S. | | 14/313901 | 6/24/2014 |
| AliphCom | U.S. | | 14/480,048 | 9/8/2014 |
| AliphCom | U.S. | | 14/480,070 | 9/8/2014 |
| AliphCom | U.S. | | 14/480,427 | 9/8/2014 |
| AliphCom | U.S. | | 14/480,446 | 9/8/2014 |
| AliphCom | U.S. | | 14/480,452 | 9/8/2014 |
| AliphCom | U.S. | | 14/480,462 | 9/8/2014 |
| AliphCom | U.S. | | 14/480,628 | 9/8/2014 |
| AliphCom | U.S. | | 14/486,978 | 9/15/2014 |
| AliphCom | U.S. | | 14/486,997 | 9/15/2014 |

| | | | | |
|-----------------|------|-----------|------------|------------|
| AliphCom | U.S. | | 14/488,042 | 9/16/2014 |
| AliphCom | U.S. | | 14/493,298 | 9/22/2014 |
| AliphCom | U.S. | | 14/519,116 | 10/20/2014 |
| AliphCom | U.S. | | 14/526,503 | 10/28/2014 |
| AliphCom | U.S. | | 14/532,789 | 11/4/2014 |
| AliphCom | U.S. | | 14/541,064 | 11/13/2014 |
| AliphCom | U.S. | | 14/541,134 | 11/13/2014 |
| AliphCom | U.S. | | 14/541,135 | 11/13/2014 |
| AliphCom | U.S. | | 14/578,297 | 12/19/2014 |
| AliphCom | U.S. | | 14/596,127 | 1/13/2015 |
| AliphCom | U.S. | | 14/606,995 | 1/27/2015 |
| AliphCom | U.S. | | 14/637,387 | 3/3/2015 |
| AliphCom | U.S. | | 14/640,013 | 3/5/2015 |
| AliphCom | U.S. | | 14/656,683 | 3/12/2015 |
| AliphCom | U.S. | | 14/659,521 | 3/16/2015 |
| BodyMedia, Inc. | U.S. | 6,527,711 | 9419600 | 10/18/1999 |
| BodyMedia, Inc. | U.S. | 7,689,437 | 9595660 | 6/16/2000 |
| BodyMedia, Inc. | U.S. | 6605038B1 | 9602537 | 6/23/2000 |
| BodyMedia, Inc. | U.S. | | 9620579 | 7/20/2000 |
| BodyMedia, Inc. | U.S. | 6595929B2 | 9822890 | 3/30/2001 |
| BodyMedia, Inc. | U.S. | 7261690B2 | 9923181 | 8/6/2001 |
| BodyMedia, Inc. | U.S. | 7020508B2 | 10227575 | 8/22/2002 |
| Bodymedia, Inc. | U.S. | 7153262B2 | 10313255 | 12/6/2002 |
| BodyMedia | U.S. | | 10612894 | 7/7/2003 |
| BodyMedia, Inc. | U.S. | 8157731B2 | 10682293 | 10/9/2003 |
| BodyMedia, Inc. | U.S. | 7285090B2 | 10682759 | 10/9/2003 |
| BodyMedia, Inc. | U.S. | 8398546B2 | 10940214 | 9/13/2004 |
| BodyMedia, Inc. | U.S. | 7502643B2 | 10940889 | 9/13/2004 |
| BodyMedia, Inc. | U.S. | 8663106B2 | 11088002 | 3/22/2005 |

| | | | | |
|-----------------|------|-----------|----------|------------|
| Bodymedia, Inc. | U.S. | | 11239748 | 9/30/2005 |
| Bodymedia, Inc. | U.S. | 8073707 | 11247049 | 10/11/2005 |
| Bodymedia, Inc. | U.S. | 8961413 | 11434949 | 5/16/2006 |
| Bodymedia, Inc. | U.S. | 8403845 | 11481147 | 7/5/2006 |
| BodyMedia, Inc. | U.S. | | 11582896 | 10/17/2006 |
| Bodymedia, Inc. | U.S. | 8961414B2 | 11724373 | 3/15/2007 |
| Bodymedia, Inc. | U.S. | 7,959,567 | 11876623 | 10/22/2007 |
| Bodymedia, Inc. | U.S. | | 11925906 | 10/27/2007 |
| BodyMedia, Inc. | U.S. | 8708904B2 | 11925965 | 10/28/2007 |
| Bodymedia, Inc. | U.S. | | 11928039 | 10/30/2007 |
| Bodymedia, Inc. | U.S. | | 11930036 | 10/30/2007 |
| Bodymedia, Inc. | U.S. | | 11930053 | 10/30/2007 |
| Bodymedia, Inc. | U.S. | | 11930081 | 10/30/2007 |
| Bodymedia, Inc. | U.S. | 8641612B2 | 11930091 | 10/31/2007 |
| Bodymedia, Inc. | U.S. | 8,968,196 | 11930092 | 10/31/2007 |
| Bodymedia, Inc. | U.S. | 8852098B2 | 11930094 | 10/31/2007 |

| | | | | |
|--|------|-----------|----------|-----------|
| BodyMedia, Inc. | U.S. | | 12033722 | 2/19/2008 |
| BodyMedia, Inc. | U.S. | | 12033731 | 2/19/2008 |
| BodyMedia, Inc. | U.S. | | 12033741 | 2/19/2008 |
| BodyMedia, Inc. | U.S. | | 12033746 | 2/19/2008 |
| BodyMedia, Inc. | U.S. | | 12033751 | 2/19/2008 |
| BodyMedia, Inc. | U.S. | 8382590B2 | 12033753 | 2/19/2008 |
| BodyMedia, Inc. | U.S. | 8275635B2 | 12033760 | 2/19/2008 |
| BodyMedia, Inc. | U.S. | | 12033766 | 2/19/2008 |
| BodyMedia | U.S. | | 12352911 | 1/13/2009 |
| BodyMedia, Inc. | U.S. | 8369936B2 | 12840109 | 7/20/2010 |
| BodyMedia, Inc. | U.S. | | 13130282 | 6/18/2012 |
| Virginia Commonwealth University | | | | |
| Bodymedia, Inc. | U.S. | 8870766 | 13291879 | 11/8/2011 |
| Bodymedia, Inc. | U.S. | | 13291982 | 11/8/2011 |
| BodyMedia, Inc. | U.S. | | 13734433 | 1/4/2013 |
| BodyMedia, Inc. | U.S. | | 13761409 | 2/7/2013 |
| BODYMEDIA, INC. | U.S. | | 13761557 | 2/7/2013 |

| | | | | |
|-----------------|------|---------|----------|------------|
| BodyMedia, Inc. | U.S. | | 14058485 | 10/21/2013 |
| BodyMedia, Inc. | U.S. | | 14058493 | 10/21/2013 |
| BodyMedia, Inc. | U.S. | 8979763 | 14058501 | 10/21/2013 |
| BodyMedia, Inc. | U.S. | | 14058563 | 10/21/2013 |
| BodyMedia, Inc. | U.S. | | 14059054 | 10/21/2013 |
| BodyMedia, Inc. | U.S. | | 14059072 | 10/21/2013 |
| BodyMedia, Inc. | U.S. | | 14059117 | 10/21/2013 |
| BODYMEDIA, INC. | U.S. | | 14060004 | 10/22/2013 |
| BodyMedia, Inc. | U.S. | | 14060010 | 10/22/2013 |
| BodyMedia, Inc. | U.S. | | 14060029 | 10/22/2013 |
| BodyMedia, Inc. | U.S. | | 14060047 | 10/22/2013 |
| BodyMedia, Inc. | U.S. | | 14060072 | 10/22/2013 |
| BodyMedia, Inc. | U.S. | | 14060082 | 10/22/2013 |
| BodyMedia, Inc. | U.S. | | 14060092 | 10/22/2013 |
| BODYMEDIA, INC. | U.S. | | 14060122 | 10/22/2013 |
| BodyMedia, Inc. | U.S. | | 14081369 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081406 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081880 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081889 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081901 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081928 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081935 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081942 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081951 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081956 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081967 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081972 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14081979 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14082070 | 11/15/2013 |
| BodyMedia, Inc. | U.S. | | 14082176 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14082178 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14082179 | 11/17/2013 |
| BODYMEDIA, INC. | U.S. | | 14082180 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14082183 | 11/17/2013 |
| BODYMEDIA, INC. | U.S. | | 14082185 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14082186 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14082188 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14082189 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14082190 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14082192 | 11/17/2013 |
| BodyMedia, Inc. | U.S. | | 14083372 | 11/18/2013 |

| | | | | |
|-----------------|------|--|----------|------------|
| BodyMedia, Inc. | U.S. | | 14083382 | 11/18/2013 |
| BodyMedia, Inc. | U.S. | | 14083389 | 11/18/2013 |
| BodyMedia, Inc. | U.S. | | 14083397 | 11/18/2013 |
| BodyMedia, Inc. | U.S. | | 14083401 | 11/18/2013 |
| BodyMedia, Inc. | U.S. | | 14083404 | 11/18/2013 |
| BodyMedia, Inc. | U.S. | | 14083407 | 11/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133607 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133610 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133612 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133615 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133619 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133620 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133622 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133625 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133626 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133634 | 12/18/2013 |
| BodyMedia, Inc. | U.S. | | 14133638 | 12/19/2013 |
| BodyMedia, Inc. | U.S. | | 14133640 | 12/19/2013 |
| BodyMedia, Inc. | U.S. | | 14133641 | 12/19/2013 |
| BodyMedia, Inc. | U.S. | | 14136750 | 12/20/2013 |
| BodyMedia, Inc. | U.S. | | 14137027 | 12/20/2013 |
| BodyMedia, Inc. | U.S. | | 14137087 | 12/20/2013 |
| BodyMedia, Inc. | U.S. | | 14137126 | 12/20/2013 |
| BodyMedia, Inc. | U.S. | | 14137233 | 12/20/2013 |
| BodyMedia, Inc. | U.S. | | 14138030 | 12/21/2013 |
| BodyMedia, Inc. | U.S. | | 14138033 | 12/21/2013 |
| BodyMedia, Inc. | U.S. | | 14138042 | 12/21/2013 |
| BodyMedia, Inc. | U.S. | | 14138043 | 12/21/2013 |
| BodyMedia, Inc. | U.S. | | 14138046 | 12/21/2013 |
| BodyMedia, Inc. | U.S. | | 14139871 | 12/24/2013 |
| BodyMedia, Inc. | U.S. | | 14139872 | 12/24/2013 |
| BodyMedia, Inc. | U.S. | | 14139873 | 12/24/2013 |
| Bodymedia, Inc. | U.S. | | 14139875 | 12/24/2013 |
| BodyMedia, Inc. | U.S. | | 14221506 | 3/21/2014 |
| BODYMEDIA, INC. | U.S. | | 14248576 | 4/9/2014 |
| BodyMedia, Inc. | U.S. | | 14248776 | 4/9/2014 |
| BodyMedia | U.S. | | 14248830 | 4/9/2014 |
| BodyMedia | U.S. | | 14248853 | 4/9/2014 |
| BodyMedia | U.S. | | 14248885 | 4/9/2014 |
| BodyMedia, Inc. | U.S. | | 14249135 | 4/9/2014 |

| | | | | |
|-----------------|------|-----------|----------|-----------|
| BodyMedia, Inc. | U.S. | | 14249211 | 4/9/2014 |
| BodyMedia | U.S. | | 14249235 | 4/9/2014 |
| BodyMedia, Inc. | U.S. | | 14249262 | 4/9/2014 |
| BodyMedia, Inc. | U.S. | | 14249290 | 4/9/2014 |
| BodyMedia, Inc. | U.S. | | 14249314 | 4/9/2014 |
| BodyMedia | U.S. | | 14249318 | 4/9/2014 |
| BodyMedia | U.S. | | 14249328 | 4/9/2014 |
| BodyMedia | U.S. | | 14252090 | 4/14/2014 |
| BodyMedia | U.S. | | 14284947 | 5/22/2014 |
| BodyMedia | U.S. | | 14285018 | 5/22/2014 |
| BodyMedia | U.S. | | 14285036 | 5/22/2014 |
| BodyMedia | U.S. | | 14285092 | 5/22/2014 |
| BodyMedia, Inc. | U.S. | | 14285159 | 5/22/2014 |
| BodyMedia, Inc. | U.S. | | 14285194 | 5/22/2014 |
| BodyMedia | U.S. | | 14285232 | 5/22/2014 |
| BodyMedia, Inc. | U.S. | | 14292105 | 5/30/2014 |
| BodyMedia, Inc. | U.S. | | 14292368 | 5/30/2014 |
| BodyMedia, Inc. | U.S. | | 14292735 | 5/30/2014 |
| BodyMedia | U.S. | | 14292831 | 5/31/2014 |
| BodyMedia | U.S. | | 14292833 | 5/31/2014 |
| BodyMedia | U.S. | | 14336413 | 7/21/2014 |
| BodyMedia | U.S. | | 14336448 | 7/21/2014 |
| BodyMedia | U.S. | | 14336539 | 7/21/2014 |
| BodyMedia | U.S. | | 14336571 | 7/21/2014 |
| BodyMedia | U.S. | | 14336598 | 7/21/2014 |
| BodyMedia | U.S. | | 14336625 | 7/21/2014 |
| BodyMedia, Inc. | U.S. | D0439981S | 29127587 | 8/9/2000 |
| BodyMedia, Inc. | U.S. | D0451604S | 29129931 | 9/25/2000 |
| BodyMedia, Inc. | U.S. | D0460971S | 29143975 | 6/21/2001 |
| BodyMedia, Inc. | U.S. | D632396 | 29256362 | 3/20/2006 |
| BodyMedia, Inc. | U.S. | D631552 | 29256753 | 3/24/2006 |

| | | | | |
|---|------|-----------|------------|------------|
| BodyMedia, Inc. | U.S. | D0645968S | 29383860 | 1/24/2011 |
| BodyMedia, Inc. | U.S. | D0698028S | 29434003 | 10/9/2012 |
| BodyMedia | U.S. | | 14/509,034 | 10/7/2014 |
| BodyMedia | U.S. | | 14/526,499 | 10/28/2014 |
| BodyMedia | U.S. | | 14/630,618 | 2/24/2015 |
| BodyMedia | U.S. | | 14/630,618 | 2/24/2015 |
| BodyMedia | U.S. | | 14/636,157 | 3/2/2015 |
| BodyMedia | U.S. | | 14/636,158 | 3/2/2015 |
| BodyMedia, Inc. | U.S. | | 95/002,354 | 9/14/2012 |
| BodyMedia, Inc. | U.S. | | 95/002,360 | 9/14/2012 |
| BodyMedia, Inc. | U.S. | | 95/002,366 | 9/14/2012 |
| BodyMedia, Inc. | U.S. | | 95/002,367 | 9/14/2012 |
| BodyMedia, Inc. | U.S. | | 95/002,371 | 9/14/2014 |
| Bodymedia, Inc. | U.S. | | 95/002,376 | 9/14/2012 |
| BodyMedia, Inc. | U.S. | | 95/002,382 | 9/14/2012 |
| Project Paris Acquisition LLC | U.S. | | 14039258 | 9/27/2013 |
| University of Maryland, College park Office of Technology Commercialization | U.S. | 6,399,306 | 9622910 | 9/5/2000 |
| University of Maryland, College park Office of Technology Commercialization | U.S. | 6743587 | 9986989 | 11/13/2001 |
| | U.S. | | 29445284 | 2/8/2013 |

| | | | | |
|--|------|--|------------|------------|
| | U.S. | | 29466527 | 9/9/2013 |
| | U.S. | | 29466531 | 9/9/2013 |
| | U.S. | | 29466534 | 9/9/2013 |
| | U.S. | | 29466536 | |
| | U.S. | | 29466539 | |
| | U.S. | | 29470963 | 10/25/2013 |
| | U.S. | | 29470964 | 10/25/2013 |
| | U.S. | | 29470965 | 10/25/2013 |
| | U.S. | | 29470966 | |
| | U.S. | | 29470967 | |
| | U.S. | | 29470968 | |
| | U.S. | | 29477005 | |
| | U.S. | | 29477006 | |
| | U.S. | | 29/478,533 | 1/6/2014 |
| | U.S. | | 29/479,052 | 1/10/2014 |
| | U.S. | | 29/479,055 | 1/10/2014 |
| | U.S. | | 29/479,058 | 1/10/2014 |
| | U.S. | | 29/479,060 | 1/10/2014 |
| | U.S. | | 29/479,064 | 1/10/2014 |
| | U.S. | | 29/479,066 | 1/10/2014 |
| | U.S. | | 29/479,069 | 1/10/2014 |
| | U.S. | | 29/479,071 | 1/10/2014 |
| | U.S. | | 29/479,074 | 1/10/2014 |
| | U.S. | | 29/479,077 | 1/10/2014 |
| | U.S. | | 29/479,078 | 1/10/2014 |
| | U.S. | | 29/479,079 | 1/10/2014 |
| | U.S. | | 29/482,849 | 2/21/2014 |
| | U.S. | | 29/482,850 | 2/21/2014 |
| | U.S. | | 29/482,851 | 2/21/2014 |
| | U.S. | | 29/482,852 | 2/21/2014 |
| | U.S. | | 29/482,854 | 2/21/2014 |
| | U.S. | | 29/482,855 | 2/21/2014 |
| | U.S. | | 29/482,856 | 2/21/2014 |
| | U.S. | | 29/485,103 | 3/14/2014 |
| | U.S. | | 29/485,118 | 3/16/2014 |
| | U.S. | | 29/495,368 | 6/30/2014 |
| | U.S. | | 29/495,369 | 6/30/2014 |
| | U.S. | | 29/495,373 | 6/30/2014 |
| | U.S. | | 29/495,376 | 6/30/2014 |
| | U.S. | | 29/495,380 | 6/30/2014 |
| | U.S. | | 29/495,384 | 6/30/2014 |

| | | | | |
|--|------|--|------------|-----------|
| | U.S. | | 29/495,387 | 6/30/2014 |
| | U.S. | | 29/495,389 | 6/30/2014 |
| | U.S. | | 29/495,390 | 6/30/2014 |
| | U.S. | | 29/495,394 | 6/30/2014 |
| | U.S. | | 29/495,395 | 6/30/2014 |
| | U.S. | | 29/495,397 | 6/30/2014 |
| | U.S. | | 29/495,399 | 6/30/2014 |
| | U.S. | | 29/495,400 | 6/30/2014 |
| | U.S. | | 29/495,404 | 6/30/2014 |
| | U.S. | | 29/495,405 | 6/30/2014 |
| | U.S. | | 29/495,406 | 6/30/2014 |
| | U.S. | | 29/495,407 | 6/30/2014 |
| | U.S. | | 29/495,669 | 7/2/2014 |
| | U.S. | | 29/495,670 | 7/2/2014 |
| | U.S. | | 29/495,674 | 7/2/2014 |
| | U.S. | | 29/508,180 | 11/4/2014 |
| | U.S. | | 29/508,184 | 11/4/2014 |
| | U.S. | | 29/508,185 | 11/4/2014 |
| | U.S. | | 29/508,187 | 11/4/2014 |
| | U.S. | | 29/508,193 | 11/4/2014 |
| | U.S. | | 29/508,196 | 11/4/2014 |
| | U.S. | | 29/508,200 | 11/4/2014 |
| | U.S. | | 29/508,205 | 11/4/2014 |
| | U.S. | | 29/508,207 | 11/4/2014 |
| | U.S. | | 29/516,012 | 1/28/2015 |
| | U.S. | | 29/516,014 | 1/28/2015 |
| | U.S. | | 29/516,015 | 1/28/2015 |
| | U.S. | | 29/516,016 | 1/28/2015 |
| | U.S. | | 29/516,017 | 1/28/2015 |
| | U.S. | | 29/517,054 | 2/9/2015 |
| | U.S. | | 29/517,056 | 2/9/2015 |

Patent License