

**CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION
UNDER 37 CFR 1.102(e) (Page 1 of 1)**

First Named Inventor:	LIK HON	Nonprovisional Application Number (if known):	
Title of Invention:	ELECTRONIC CIGARETTE		

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.

1. The processing fee set forth in 37 CFR 1.17(l)(1) and the prioritized examination fee set forth in 37 CFR 1.17(c) have been filed with the request. The publication fee requirement is met because that fee, set forth in 37 CFR 1.18(d), is currently \$0. The basic filing fee, search fee, and examination fee are filed with the request or have been already been paid. I understand that any required excess claims fees or application size fee must be paid for the application.
2. I understand that the application may not contain, or be amended to contain, more than four independent claims, more than thirty total claims, or any multiple dependent claims, and that any request for an extension of time will cause an outstanding Track I request to be dismissed.
3. The applicable box is checked below:

I. ☒ Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)

- i. (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.
- ii. An executed inventor's oath or declaration under 37 CFR 1.63 or 37 CFR 1.64 for each inventor, or the application data sheet meeting the conditions specified in 37 CFR 1.53(f)(3)(i) is filed with the application.

II. ☐ Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)

- i. A request for continued examination has been filed with, or prior to, this form.
- ii. If the application is a utility application, this certification and request is being filed via EFS-Web.
- iii. The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
- iv. This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
- v. No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

Signature: <i>Kenneth H. Ohriner</i>	Date: <i>May 21, 2015</i>
Name (Print/Typed): Kenneth H. Ohriner	Practitioner Registration Number: 31646
Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required.*	
<input checked="" type="checkbox"/> *Total of <u>1</u> forms are submitted.	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)

Title of
Invention

ELECTRONIC CIGARETTE

As the below named inventor, I hereby declare that:

This declaration is directed to: ☐ The attached application, or
☒ United States application or PCT international application number 13/754,521
filed on January 30, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I am aware of and acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR: Lik Hon

Signature: Hon Lik

Date: May 30, 2013

Perkins
Cole

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:



Practitioners associated with Customer Number:

34055

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignments documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:



The address associated with Customer Number:

34055

OR


Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

Assignee Name and Address: FONTEM HOLDINGS 1 B.V.
Barbara Strozzi laan 101, 12th Floor
Amsterdam, Netherlands HN 1083

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/89 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	23/01/2014
Name	Stephen Andrew Reid	Telephone	44 117 963 6636
Title	Sr. Intellectual Property Counsel, Imperial Tobacco; Authorized Signer for Fontem Holdings 1 B.V.		

This collection of information is required by 37 CFR 1.51, 1.52 and 1.53. 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 3 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 1458, Alexandria, VA 22313-1458. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1458, Alexandria, VA 22313-1458.**

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

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: Fontem Holdings 1 B.V.

Application No./Patent No.: 13/754,521 Filed/Issue Date: January 30, 2013

Titled: ELECTRONIC CIGARETTE

Fontem Holdings 1 B.V., a Netherlands company
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose one of options 1, 2, 3 or 4 below)

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is _____ (%). Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose one of options A or B below):

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Hon, Lik To: Ruyan Investment (Holdings) Limited
The document was recorded in the United States Patent and Trademark Office at
Reel 030544, Frame 0781, or for which a copy thereof is attached.

2. From: Ruyan Investment (Holdings) Limited To: Fontem Holdings 1 B.V.
The document was recorded in the United States Patent and Trademark Office at
Reel 031795, Frame 0630, or for which a copy thereof is attached.

[Page 1 of 2]

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.

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.06]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature _____ /KennethHOhriner/

Date _____ May 22, 2015

Printed or Typed Name _____ Kenneth H. Ohriner

Title or Registration Number _____ 31,646

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	111971-8013.US03
		Application Number	
Title of Invention	ELECTRONIC CIGARETTE		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.</p> <p>This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1					Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Lik		Hon		
Residence Information (Select One) <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	North Point		Country of Residence i	HK	
Mailing Address of Inventor:					
Address 1	28 Marble Road				
Address 2	Room 1101, 11F, China United Center				
City	North Point		State/Province		
Postal Code			Country i	HK	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence Information of this application.			
Customer Number	34055		
Email Address	patentprocurement@perkinscoie.com		Add Email Remove Email

Application Information:

Title of the Invention	ELECTRONIC CIGARETTE		
Attorney Docket Number	111971-8013.US03	Small Entity Status Claimed	<input type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	10	Suggested Figure for Publication (if any)	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	111971-8013.US03
		Application Number	
Title of Invention	ELECTRONIC CIGARETTE		

Filing By Reference :

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country of origin

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	34055		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the application number blank.

Prior Application Status	Pending	Remove			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)		
	Continuation of	13754521	2013-01-30		
Prior Application Status	Patented	Remove			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
13754521	Continuation of	12226819	2009-01-15	8375957	2013-02-19

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	111971-8013.US03
		Application Number	
Title of Invention	ELECTRONIC CIGARETTE		
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
12226819	a 371 of international	PCT/CN2007/001576	2007-05-15
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			Add

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(d). When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX) the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(h)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

			Remove
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
200620090805.0	CN	2006-05-16	
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Authorization to Permit Access:

☒ Authorization to Permit Access to the Instant Application by the Participating Offices

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	111971-8013.US03
		Application Number	
Title of Invention	ELECTRONIC CIGARETTE		

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1				Remove	
<p>If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.</p>					
Clear					
<input checked="" type="radio"/> Assignee		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Joint Inventor	
<input type="radio"/> Person to whom the inventor is obligated to assign.			<input type="radio"/> Person who shows sufficient proprietary interest		
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:					
Name of the Deceased or Legally Incapacitated Inventor : <input type="text"/>					
If the Applicant is an Organization check here. <input checked="" type="checkbox"/>					
Organization Name		FONTEM HOLDINGS 1 B.V.			
Mailing Address Information:					
Address 1		Barbara Strozilaan 101			
Address 2		12th Floor			
City		Amsterdam	State/Province		
Country ⁱ	NL	Postal Code		1083 HN	
Phone Number		Fax Number			

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	111971-8013.US03
		Application Number	
Title of Invention	ELECTRONIC CIGARETTE		
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			<input type="button" value="Add"/>

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
				<input type="button" value="Remove"/>
If the Assignee or Non-Applicant Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country i		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				<input type="button" value="Add"/>

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications					
Signature	/KennethHOhriner/			Date (YYYY-MM-DD)	2015-05-21
First Name	Kenneth H.	Last Name	Ohriner	Registration Number	31646
Additional Signature may be generated within this form by selecting the Add button.					<input type="button" value="Add"/>

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	111971-8013.US03
		Application Number	
Title of Invention	ELECTRONIC CIGARETTE		

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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.**

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 the Freedom of Information Act requires disclosure of these records.
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 inspections 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.

ELECTRONIC CIGARETTE

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of U.S. Patent Application No. 13/754,521, filed January 30, 2013, and now pending, which is a continuation of
5 U.S. Patent Application No. 12/226,819, filed January 15, 2009, and now U.S. Patent No. 8,375,957, which is a 371 national phase application of International Patent Application No. PCT/CN2007/001576, filed May 15, 2007 and now converted, which claims the benefit of Chinese Patent Application No. 200620090805.0, filed May 16, 2006. All of these applications are incorporated herein by reference in their
10 entirety.

BACKGROUND

[0002] Although smoking causes serious respiratory diseases and cancers, it is difficult to get smokers to quit smoking. Nicotine is the effective ingredient in cigarettes. Nicotine is a micro-molecular alkaloid which is basically harmless to
15 humans at low dosages. Tar is the major harmful substance in tobacco. Tobacco tar contains thousands of ingredients, dozens of which are carcinogenic.

[0003] Cigarette substitutes have used relatively pure nicotine in patches, chewing gum and aerosols. Still disadvantages remain with cigarette substitutes or products for helping smokers to quit smoking.

SUMMARY OF THE INVENTION

[0004] An improved electronic cigarette has a battery assembly, an atomizer assembly and a cigarette bottle assembly. The battery assembly connects with one end of the atomizer assembly, and the cigarette bottle assembly is inserted into the
5 other end of the atomizer assembly, thus forming one cigarette type or cigar type body. Use of the electronic cigarette reduces cancer risks and fire hazards while providing a simulated smoking experience.

BRIEF DESCRIPTION OF THE DRAWINGS

- [0005] Figure 1 is a side view of an electronic cigarette.
- 10 [0006] Figure 2A is a view of the battery assembly.
- [0007] Figure 2B is a view of another battery assembly.
- [0008] Figure 3 is the diagram of the atomizer assembly.
- [0009] Figure 4 is the diagram of the cigarette bottle assembly.
- [0010] Figure 5A is a section view of an electronic cigarette.
- 15 [0011] Figure 5B is a section view of another embodiment.
- [0012] Figure 6 is a diagram of a charger.
- [0013] Figure 7 is the electric circuit diagram.
- [0014] Figure 8 is a side view of an atomizer.
- [0015] Figure 9 is an end view of the atomizer shown in Figure 8.
- 20 [0016] Figure 10 is a diagram of a spray atomizer.
- [0017] Figure 11 is an end view of the atomizer shown in Fig. 10.
- [0018] Figure 12 is a section view of another embodiment.

DETAILED DESCRIPTION OF THE DRAWINGS

[0019] As shown in Figure 1, an electronic cigarette has an appearance similar to a cigarette inserted into the cigarette holder. As shown in Fig. 2A, the electronic cigarette includes a battery assembly, an atomizer assembly and a cigarette bottle assembly. An external thread electrode (209) is located in one end of the battery assembly, and an internal thread electrode (302) is located in one end of the atomizer assembly. The battery assembly and atomizer assembly are connected through the screw thread electrode into an electronic cigarette. The cigarette bottle assembly is inserted into the other end of atomizer assembly.

10 **[0020]** As shown in Figure 2A, the battery assembly includes an indicator (202), lithium ion battery (203), MOSFET electric circuit board (205), sensor (207), silica gel corrugated membrane (208), primary screw thread electrode (209), primary negative pressure cavity (210), and primary shell (211). On one end of the primary shell (211) is an external thread electrode (209). On the other end is an indicator
15 (202), where there is an indicator cap (201) on one side having a small hole (501). On the other side, the lithium ion battery (203) and MOSFET (Metallic Oxide Semiconductor Field Effect Tube) electric circuit board (205) are connected successively. The sensor (207) is located on MOSFET electric circuit board (205). Between the primary screw thread electrode (209) and sensor (207) is a silica gel
20 corrugated membrane (208), on which there is the primary negative pressure cavity (210). The sensor (207) is connected with the silica gel corrugated membrane (208) through the switch spring (212).

[0021] The sensor (207) may be switch sensor made of elastic alloy slice, a linear output Hall sensor, a semiconductor force-sensitive chip, a semiconductor matrix thermoelectric bridge chip, capacitance or inductance sensor. The indicators (202) include two red LEDs. The lithium ion battery (203) may be either a rechargeable polymer lithium ion battery or a rechargeable lithium ion battery. The external thread electrode (209) is a gold-coated stainless steel or brass part with a hole drilled in the center. The silica gel corrugated membrane (208) may alternatively be made of fluorinated rubber, butyronitrile rubber, or elastic alloy film.

[0022] As shown in Figure 3, the atomizer assembly includes the internal thread electrode (302), air-liquid separator (303), atomizer (307) and the secondary shell (306). One end of the secondary shell (306) is inserted into the cigarette bottle assembly for connection, while the other end has an internal thread electrode (302), in which there is the secondary negative pressure cavity (301). The air-liquid separator (303) and the atomizer (307) are connected with the internal thread electrode (302) successively. On the secondary shell (306), there is an air intake hole (502). The air-liquid separator (303) is made of stainless steel or plastic with a hole. The internal thread electrode (302) is a gold-coated stainless steel or brass part with a hole in the center.

[0023] The atomizer (307) may be a capillary impregnation atomizer as in Figs. 8 and 9, or a spray atomizer as in Figs. 10 and 11. As shown in Figure 4, the cigarette bottle assembly includes the cigarette liquid bottle (401), fiber (402) and suction nozzle (403). The fiber (402) containing cigarette liquid is located on one end of the cigarette liquid bottle (401). This end is inserted into the secondary shell

(306) and lies against the atomizer (307). The suction nozzle (403) is located on the other end of the cigarette liquid bottle (401). Between the fiber (402) and interior wall of the cigarette liquid bottle (401) is an air intake hole (503).

[0024] As shown in Fig. 5A, the standby state has the fully charged battery assembly shown on Figure 2A fastened onto the atomizer assembly shown on Figure 3, which is then inserted into the cigarette bottle assembly shown in Figure 4. When the user slightly sucks the suction nozzle (403), negative pressure forms on the silica gel corrugated membrane (208) through the air intake hole (503) and the primary and secondary negative pressure cavities (210, 301). The silica gel corrugated membrane (208), under the action of suction pressure difference, distorts to drive the switch spring (212) and sensor (207), thus switching MOSFET electric circuit board (205). At this moment, the indicators (202) are lit gradually; the lithium ion battery (203) electrifies the heating body (305) inside the atomizer (307) through MOSFET electric circuit board (205) as well as the internal and external thread electrodes (302, 209).

[0025] The heating body (305) inside the atomizer (307) produces heat. The fiber (402) inside the cigarette liquid bottle (401) contains cigarette liquid, which soaks the micro-porous ceramics (801) inside the atomizer through the fiber (402). The air enters through the air intake hole (502), passes through the run-through hole on the air-liquid separator (303), and helps to form air-liquid mixture in the spray nozzle (304) of the atomizer (307). The air-liquid mixture sprays onto the heating body (305), gets vaporized, and is quickly absorbed into the airflow and condensed

into aerosol, which passes through the air intake hole (503) and suction nozzle (403) to form white mist type aerosol.

[0026] When suction stops, the switch spring (212) and sensor (207) are reset; the atomizer (307) stops working; the indicators (202) gradually die down.

5 When the operation times reaches the pre-set value, the atomizer (307) provides a work delay of 5-20 seconds per time, so as to remove the micro-dirt accumulated on the heating body (305).

[0027] Besides the micro-porous ceramics, the liquid supply material of the atomizer (307) may also be foamed ceramics, micro-porous glass, foamed metal,
10 stainless steel fiber felt, terylene fiber, nylon fiber, nitrile fiber, aramid fiber or hard porous plastics. The heating body (305) is made of the micro-porous ceramics on which nickel-chromium alloy wire, iron-chromium alloy wire, platinum wire, or other electro thermal materials are wound. Alternatively, it may be a porous component directly made of electrically conductive ceramics or PTC (Positive Temperature
15 Coefficient) ceramics and associated with a sintered electrode. The surface of the heating body(305) is sintered into high-temperature glaze to fix the zeolite grains, which are made of natural zeolite, artificial non-organic micro-porous ceramics or aluminum oxide grains. The cigarette liquid bottle (401) and suction nozzle (403) in the cigarette bottle assembly are made of non-toxic plastic. The fiber (402) inside of
20 them is made of polypropylene fiber or nylon fiber to absorb cigarette liquid. In the battery assembly, there is a fine hole (501) on the indicator cap (201) for balancing the pressure difference on both sides of the silica gel corrugated membrane (208).

[0028] The cigarette liquid contains 0.1-3.5% nicotine, 0.05-5% tobacco flavor, 0.1-3% organic acid, 0.1-0.5% stabilizer, and propanediol for the remaining.

[0029] The primary and secondary shells (211, 306) are made of stainless steel tube or copper alloy tube with baked-enamel coating of real cigarette color.

5 **[0030]** As shown in Figure 12, the diameter of the battery assembly may be increased in proportion, so that it is consistent with the diameter of the atomizer assembly. Its shell may be decorated with the leaf veins and sub-gloss brown-yellow baked-enamel coating, to create a cigar type device.

[0031] For charging the lithium ion battery (203), the screw thread electrode
10 (601) matches the external thread electrode (209) on the battery assembly, so that it may be used as the charging interface.

[0032] The design in Figure 2B is difference from the design in Fig. 1A as follows: Microcircuit (206) is added between MOSFET electric circuit board (205) and sensor (207). On the surface of the primary shell (211), there is a screen (204)
15 for display of the power of the lithium ion battery (203) and the sucking times.

[0033] As shown in Figure 5B, a fully charged battery assembly is attached onto the atomizer assembly, which is then inserted into the cigarette bottle assembly shown on Figure 4. When the user slightly sucks the suction nozzle (403), negative pressure forms on the silica gel corrugated membrane (208) through the air intake
20 hole (503) and the primary and secondary negative pressure cavities (210, 301). The silica gel corrugated membrane (208), under the action of suction pressure difference, distorts to drive the switch spring (212) and sensor (207), thus activating

the Microcircuit (206) and MOSFET electric circuit board (205). At this moment, the indicators (202) are lit gradually; the lithium ion battery (203) electrifies the heating body (305) inside the atomizer (307) through MOSFET electric circuit board (205) as well as the internal and external thread electrodes (302, 209), so that the heating
5 body (305) inside the atomizer (307) produces heat.

[0034] The fiber (402) inside the cigarette liquid bottle (401) contains cigarette liquid, which soaks the micro-porous ceramics (801) inside the atomizer through the fiber (402). The air enters through the air intake hole (502), passes through the run-through hole on the air-liquid separator (303), and helps to form air-liquid mixture in
10 the spray nozzle (304) of the atomizer (307). The air-liquid mixture sprays onto the heating body (305), gets vaporized, and is quickly absorbed into the airflow and condensed into aerosol, which passes through the air intake hole (503) and suction nozzle (403) to form white mist type aerosol.

[0035] As shown in Figure 7, when the action of suction activates the sensor,
15 Microcircuit (206) scans the sensor (207) in the power-saving mode of pulse, and according to the signal parameters of the sensor (207), restricts the atomizing capacity with the integral function of frequency to single operation time. Also, the microcircuit (206) accomplishes the pulse width modulation and over discharging protection for the constant power output, automatic cleansing for thousands of times
20 per operation, step lighting / dying down control of the indicator, display of the operation times and battery capacity, automatic recovery after sensor malfunction shutdown, etc.

[0036] The unit and its connecting structure may also be loaded with drugs for delivery to the lung.

[0037] Above are just specifications of an example and do not necessarily restrict the scope of protection. Any equivalent modification made on the basis of
5 the design spirit shall fall into the scope of protection.

CLAIMS:

1. A vaporizing device comprising:

an electronic cigarette including:

a battery assembly comprising a tubular battery assembly housing having a first end
5 and a second end, with a battery and a micro-controller unit electrically connected
to a circuit board within the battery assembly housing;

a first screw thread electrode on the first end of the battery assembly housing, with a
first through hole at a center of the first screw thread electrode;

an atomizer assembly comprising:

10 a tubular atomizer assembly housing having a first end and a second end;

an atomizer having a porous body, and a liquid supply in the tubular atomizer
assembly housing;

with the atomizer including a heater wire wound on a part of the porous body which
is perpendicular to a longitudinal axis of the tubular atomizer assembly housing;

15 an airflow path through an opening in the atomizer to a suction nozzle at the second
end of the tubular atomizer assembly housing;

a second screw thread electrode on the second end of the atomizer assembly
housing, with a second through hole at a center of the second screw thread
electrode; and

20 the battery assembly and the atomizer assembly mechanically connected to form the
electronic cigarette by engagement of the first screw thread electrode with the
second screw thread electrode, and with electricity conducted from the battery to the
heater wire through the first and second screw thread electrodes for heating the
heater wire.

2. The device of claim 1 further including a sensor in the battery assembly housing, with the sensor electrically connected to the micro-controller unit.
3. The device of claim 2 further including a pressure balancing hole in the battery assembly housing.
- 5 4. The device of claim 3 with the pressure balancing hole at the second end of the battery assembly housing.
5. The device of claim 3 further including an air inlet at the second screw thread electrode.
6. The device of claim 5 with the pressure balancing hole on a first side of the sensor
10 and the air inlet on a second side of the sensor, opposite from the first side of the sensor.
7. The device of claim 1 with the porous body comprising a fiber material.
8. The device of claim 1 with the first screw thread electrode having external screw threads on an outside surface of the tubular battery assembly housing.
- 15 9. The device of claim 5 further including a separator between the air inlet and the atomizer, with the separator having a run-through hole, and with the air flow path passing through the run-through hole.
10. The device of claim 1 wherein the first screw thread electrode surrounds and is concentric with the second screw thread electrode.
- 20 11. The device of claim 10 with the heater wire having a first lead connected to the inner electrode and a second lead connected to the outer electrode.
12. The device of claim 11 with the first and second through holes leading into the airflow path.
13. A vaporizing device comprising:

an electronic cigarette including:

a battery assembly comprising a tubular battery assembly housing having a first end and a second end, with a battery, a sensor, and a micro-controller unit electrically connected to a circuit board within the battery assembly housing;

- 5 a pressure balancing hole in the tubular battery assembly housing on a first side of the sensor and an air inlet in the tubular battery assembly housing on a second side of the sensor, opposite from the first side of the sensor;

a first screw thread electrode on the first end of the battery assembly housing, with a first through hole at a center of the first screw thread electrode;

- 10 an atomizer assembly comprising:

a tubular atomizer assembly housing having a first end and a second end;

an atomizer having a porous body, and a liquid supply in the tubular atomizer assembly housing;

- 15 with the atomizer including a heater wire wound on a part of the porous body which is perpendicular to a longitudinal axis of the tubular atomizer assembly housing;

an airflow path through an opening in the atomizer to a suction nozzle at the second end of the tubular atomizer assembly housing;

- 20 a second screw thread electrode on the second end of the atomizer assembly housing, with a second through hole at a center of the second screw thread electrode; and

the battery assembly and the atomizer assembly mechanically connected to form the electronic cigarette by engagement of the first screw thread electrode with the second screw thread electrode, and with electricity conducted from the battery to the

heater wire through the first and second screw thread electrodes for heating the heater wire.

14. The device of claim 13 with the pressure balancing hole at the second end of the battery assembly housing.

5 15. The device of claim 13 with the porous body comprising a fiber material.

16. The device of claim 15 with the first screw thread electrode having external screw threads on an outside surface of the tubular battery assembly housing.

17. The device of claim 15 further including a rubber or plastic separator between the air inlet and the atomizer, with the separator having a run-through hole, and with
10 the air flow path passing through the run-through hole.

18. The device of claim 15 wherein the first screw thread electrode surrounds and is concentric with the second screw thread electrode.

19. The device of claim 15 with the heater wire having a first lead connected to the inner electrode and a second lead connected to the outer electrode.

15 20. The device of claim 15 with the first and second through holes leading into the airflow path.

21. A vaporizing device comprising:

an electronic cigarette including:

20 a battery assembly comprising a tubular battery assembly housing having a first end and a second end, with a battery, a sensor, and a micro-controller unit electrically connected to a circuit board within the battery assembly housing;

a pressure balancing hole in the tubular battery assembly housing on a first side of the sensor and an air inlet in the tubular battery assembly housing on a second side of the sensor, opposite from the first side of the sensor;

a first screw thread electrode on the first end of the battery assembly housing, with a first through hole at a center of the first screw thread electrode;

an atomizer assembly comprising:

a tubular atomizer assembly housing having a first end and a second end;

- 5 an atomizer having a porous body comprising a fiber material, and a liquid supply in the tubular atomizer assembly housing;

with the atomizer including a heater wire wound on a part of the porous body which is perpendicular to a longitudinal axis of the tubular atomizer assembly housing;

- 10 an airflow path through an opening in the atomizer to a suction nozzle at the second end of the tubular atomizer assembly housing;

a rubber or plastic separator between the air intake hole and the atomizer, with the separator having a run-through hole, and with the air flow path passing through the run-through hole;

- 15 a second screw thread electrode on the second end of the atomizer assembly housing, with a second through hole at a center of the second screw thread electrode, with the first and second through holes leading into the airflow path; and

- 20 the battery assembly and the atomizer assembly mechanically connected to form the electronic cigarette by engagement of the first screw thread electrode with the second screw thread electrode, and with electricity conducted from the battery to the heater wire through the first and second screw thread electrodes for heating the heater wire.

22. The device of claim 21 with the pressure balancing hole at the second end of the battery assembly housing.

23. The device of claim 21 further including an air inlet at the second screw thread electrode.

24. The device of claim 21 wherein the first screw thread electrode surrounds and is concentric with the second screw thread electrode.

ABSTRACT

An electronic cigarette includes a battery assembly, an atomizer assembly and a cigarette bottle assembly. An external thread electrode is located in one end of battery assembly. An internal thread electrode is located in one end of atomizer
5 assembly. The battery assembly and the atomizer assembly are connected by the screwthread electrode. The cigarette bottle assembly is inserted into the other end of the atomizer assembly and both form a cigarette type or cigar type body.

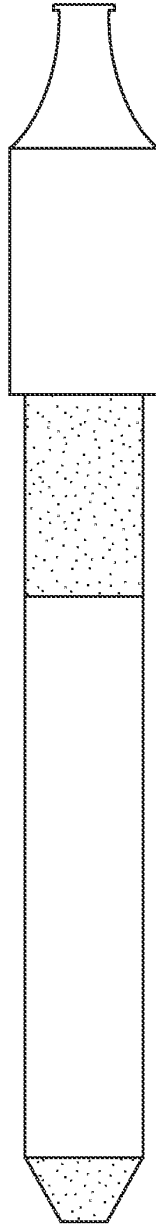


Figure 1

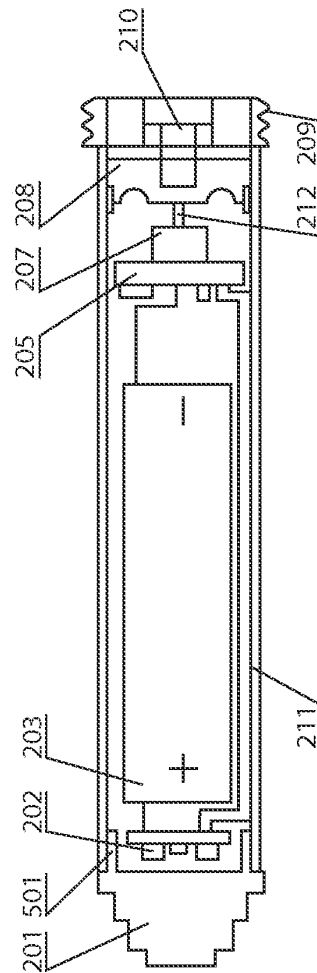


Figure 2A

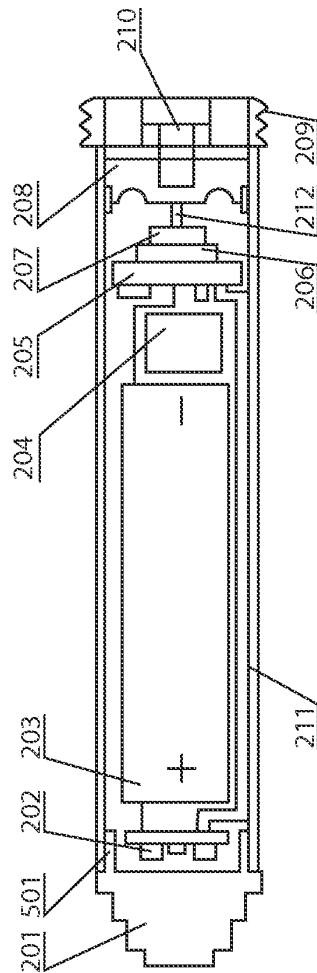


Figure 2B

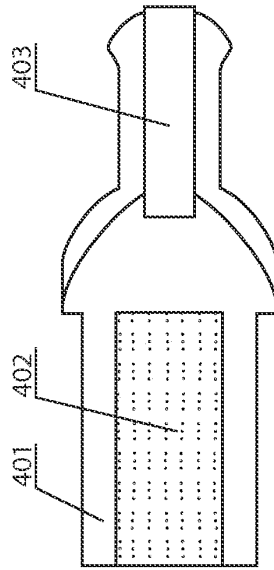


Figure 4

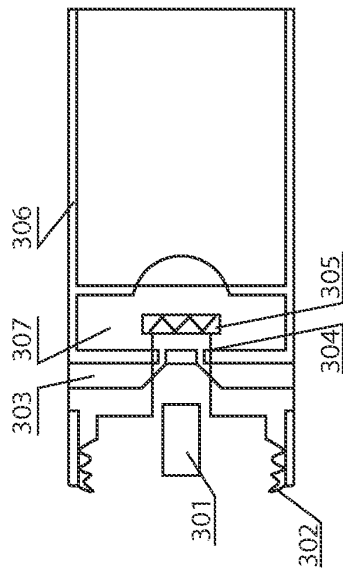


Figure 3

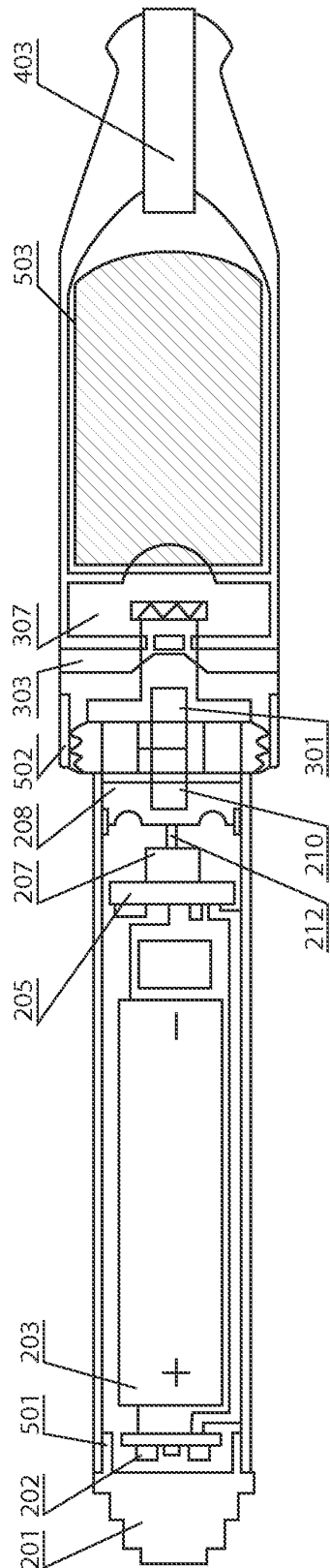


Figure 5A

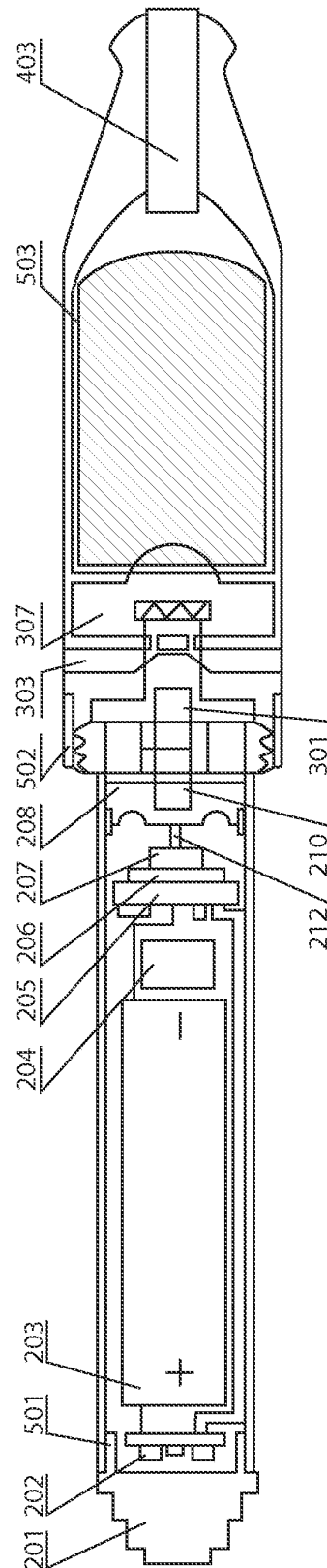


Figure 58

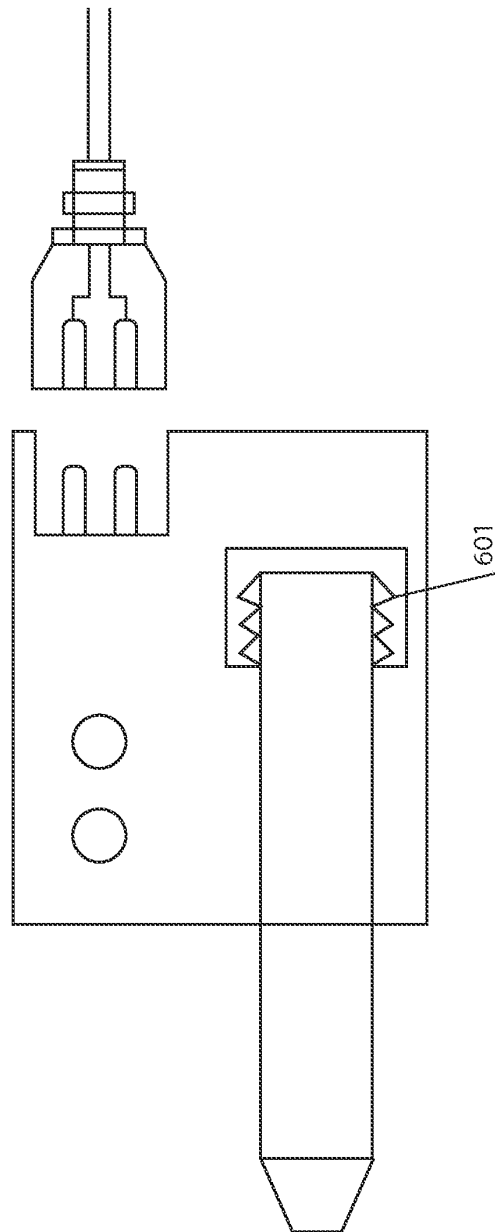


Figure 6

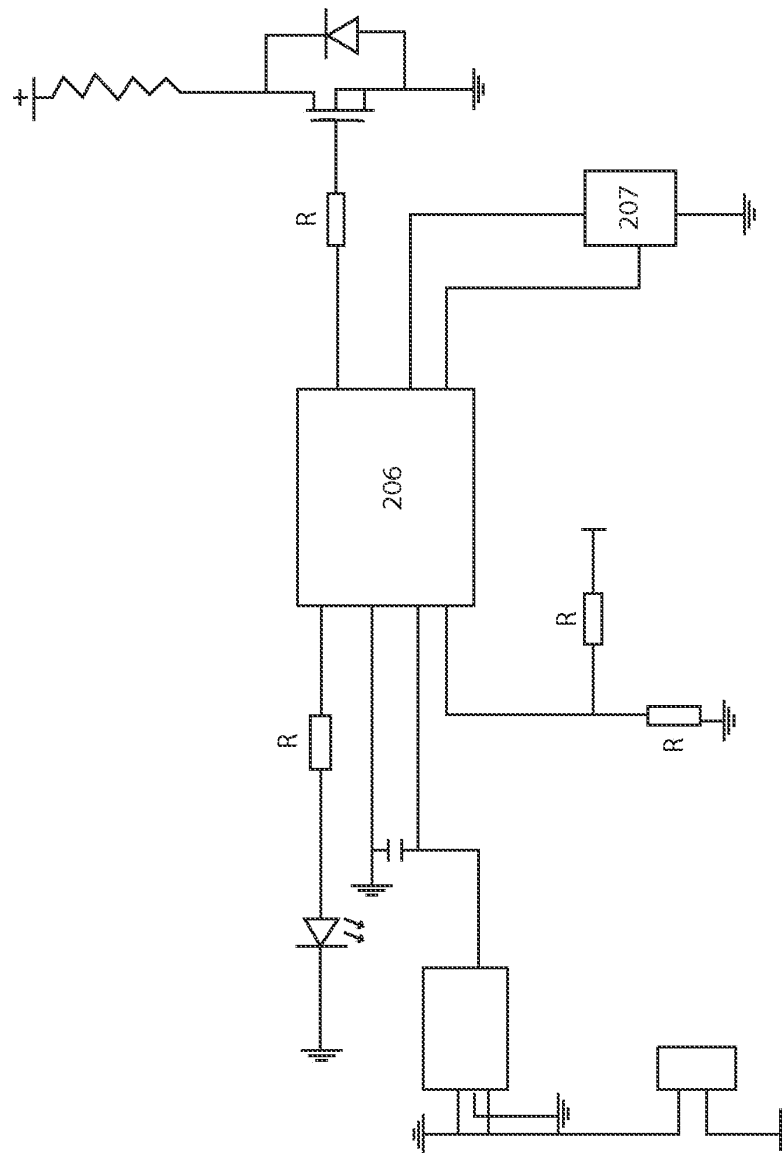


Figure 7

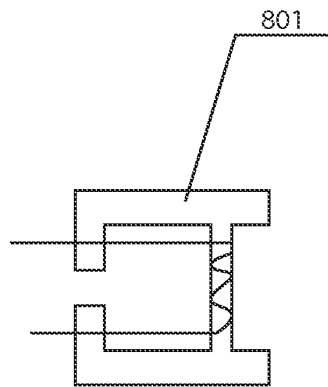


Figure 8

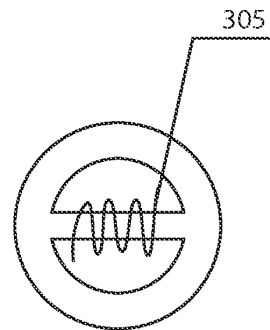


Figure 9

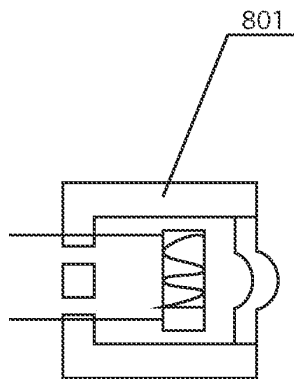


Figure 10

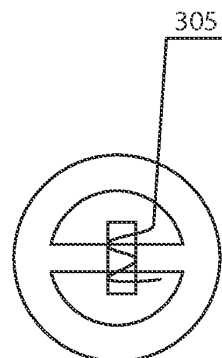


Figure 11

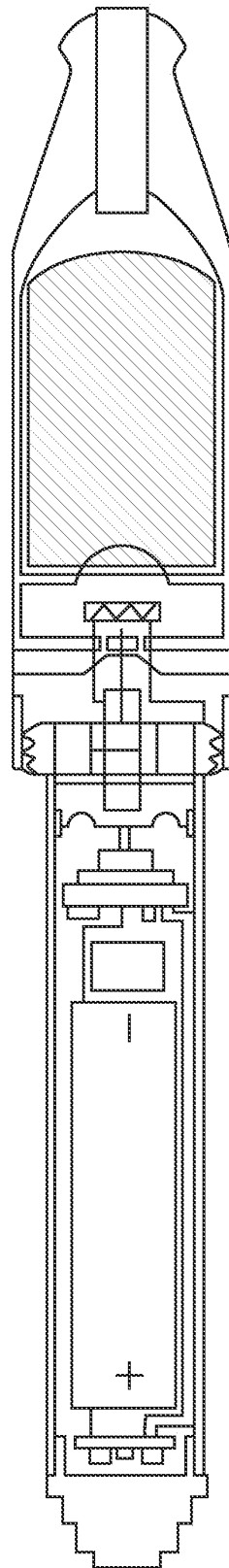


Figure 12

Electronic Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		ELECTRONIC CIGARETTE		
First Named Inventor/Applicant Name:		Lik Hon		
Filer:		Kenneth H. Ohriner/Peter Sher		
Attorney Docket Number:		111971-8013.US03		
Filed as Large Entity				
Filing Fees for Track I Prioritized Examination - Nonprovisional Application under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility application filing	1011	1	280	280
Utility Search Fee	1111	1	600	600
Utility Examination Fee	1311	1	720	720
Request for Prioritized Examination	1817	1	4000	4000
Pages:				
Claims:				
Claims in Excess of 20	1202	4	80	320
Miscellaneous-Filing:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Publ. Fee- Early, Voluntary, or Normal	1504	1	0	0
PROCESSING FEE, EXCEPT PROV. APPLS.	1830	1	140	140
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				6060

Electronic Acknowledgement Receipt	
EFS ID:	22430641
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Peter Sher
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	22-MAY-2015
Filing Date:	
Time Stamp:	16:46:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 6060
RAM confirmation Number	4379
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1119718013US3transmittal_PO A.PDF	414010 8fe3ac9fac71e15fa4e1c5a078dd7567c0cdf59d	yes	5
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	TrackOne Request		1	1	
	Oath or Declaration filed		2	2	
	Power of Attorney		3	5	
Warnings:					
Information:					
2	Application Data Sheet	ApplicationDataSheet1119718 013US03.PDF	1561630 ce9598a47c50fcd14adb33198d6bf2ba020721da	no	7
Warnings:					
Information:					
3		1119718013US3specification_uspto.PDF	91268 34f15fbc3a3dff9b2dfbc512773069a4578b655a3	yes	16
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	9	
	Claims		10	15	
	Abstract		16	16	
Warnings:					
Information:					
4	Drawings-only black and white line drawings	1119718013US3drawings_uspto.PDF	2540120 90f20dc100254e560926835819cbc81e9171c6a	no	10
Warnings:					

Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	41714	no	2
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Warnings:					
Information:					
Total Files Size (in bytes):				4648742	
<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>					

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 14/720,288				
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 <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			N/A	280			
SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A			N/A	600			
EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			N/A	720			
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	24	minus 20 = *	4			x 80 =	320			
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	3	minus 3 = *				x 420 =	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	1920			
APPLICATION AS AMENDED - PART II										
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY		
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	x	=		x	=
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	x	=		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		
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	x	=		x	=
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	x	=		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		
<div style="font-size: x-small;"> * 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. </div>										



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
14/720,288	05/22/2015	1747	1920	111971-8013.US03	24	3

CONFIRMATION NO. 9103

34055

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FILING RECEIPT



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Date Mailed: 06/05/2015

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**

Inventor(s)

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Applicant(s)

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Power of Attorney: The patent practitioners associated with Customer Number 34055

Domestic Priority data as claimed by applicant

This application is a CON of 13/754,521 01/30/2013
which is a CON of 12/226,819 01/15/2009 PAT 8375957
which is a 371 of PCT/CN2007/001576 05/15/2007

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CHINA 200620090805.0 05/16/2006

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If Required, Foreign Filing License Granted: 06/02/2015

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/720,288**

Projected Publication Date: 09/10/2015

Non-Publication Request: No

Early Publication Request: No
Title

ELECTRONIC CIGARETTE

Preliminary Class

131

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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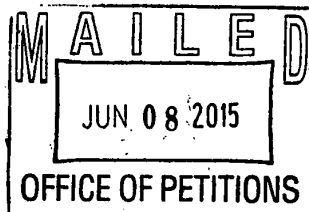
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Doc Code: TRACK1.GRANT

Decision Granting Request for Prioritized Examination (Track I or After RCE)	Application No.: 14/720,288
<p>1. THE REQUEST FILED <u>May 22, 2015</u> IS GRANTED.</p> <p>The above-identified application has met the requirements for prioritized examination</p> <p>A. <input checked="" type="checkbox"/> for an original nonprovisional application (Track I). B. <input type="checkbox"/> for an application undergoing continued examination (RCE).</p> <p>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:</p> <p>A. filing a <u>petition for extension of time</u> to extend the time period for filing a reply; B. filing an <u>amendment to amend the application to contain more than four independent claims, more than thirty total claims</u>, or a multiple dependent claim; C. filing a <u>request for continued examination</u>; 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.</p> <p>Telephone inquiries with regard to this decision should be directed to Brian W. Brown at 571-272-5338.</p> <p>/Brian W. Brown/ [Signature]</p> <p>Petitions Examiner, Office of Petitions (Title)</p>	



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/720,288	05/22/2015	Lik Hon	111971-8013.US03

CONFIRMATION NO. 9103

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PUBLICATION NOTICE



OC000000077346717

Title:ELECTRONIC CIGARETTE

Publication No.US-2015-0250230-A1

Publication Date:09/10/2015

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.

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



证 明

本证明之附件是向本局提交的下列专利申请文件副本。

申 请 号：200620090805.0

申 请 类 型：实用新型专利

发 明 创 造 名 称：仿真气溶胶吸入器

申 请 日：2006 年 05 月 16 日

申 请 人：韩力

发明人或设计人：韩力

局长

申长雨

2015 年 09 月 11 日

权 利 要 求 书

1. 一种仿真气溶胶吸入器，其特征在于：包括电池组件、雾化器组件及烟瓶组件，电池组件的一端设有外螺纹电极（209），雾化器组件的一端设有内螺纹电极（302），两者通过螺纹电极相连接，烟瓶组件插接在雾化器组件的另一端，共同构成一个香烟型或雪茄型的整体。

2. 按权利要求 1 所述的仿真气溶胶吸入器，其特征在于：所述电池组件包括指示灯（202）、锂电池（203）、MOSFET 电路板（205）、传感器（207）、硅橡胶波纹隔膜（208）、第一螺纹电极（209）、第一负压腔孔（210）及第一壳体（211），第一壳体（211）的一端设有外螺纹电极（209），另一端安装有指示灯（202），其一侧罩有指示灯罩（201），指示灯罩（201）上开有微孔（501），另一侧依次连接锂电池（203）及 MOSFET 电路板（205），MOSFET 电路板（205）上设有传感器（207），在第一螺纹电极（209）与传感器（207）之间安装有硅橡胶波纹隔膜（208），其上开有第一负压腔孔（210），传感器（207）通过固接在其上的簧片开关（212）与硅橡胶波纹隔膜（208）相连接。

3. 按权利要求 2 所述的仿真气溶胶吸入器，其特征在于：在 MOSFET 电路板（205）与传感器（207）之间加设有 MCU（206）；第一壳体（211）表面加设有显示屏（204）。

4. 按权利要求 3 所述的仿真气溶胶吸入器，其特征在于：所述 MCU（206）是以脉冲的省电模式扫描传感器，根据传感器的信号参数实现以频率对单次工作时间的积分函数做雾化剂量限制；同时，MCU（206）完成对电流恒功率输出的脉宽调制及过放电保护、每工作数千次自动清洗功能、指示灯的渐亮渐熄控制、工作次数及电池容量显示、传感器误动作停机自动恢复等控制。

5. 按权利要求 2 或 3 所述的仿真气溶胶吸入器，其特征在于：所述传感器（207）可为用弹性合金片制成的开关式传感器、线性输出的霍尔器件、半导体力敏芯片、半导体矩阵热电桥芯片或电容及电感式传感器。

6. 按权利要求 2 或 3 所述的仿真气溶胶吸入器，其特征在于：所述指示灯（202）为两只红色的发光二极管。

7. 按权利要求 2 或 3 所述的仿真气溶胶吸入器，其特征在于：所述硅橡胶波纹隔膜（208）还可采用氟橡胶、丁腈橡胶或弹性合金膜制成。

8. 按权利要求 2 或 3 所述的仿真气溶胶吸入器, 其特征在于: 所述外螺纹电极 (209) 为不锈钢或黄铜件镀金开中孔制成。

9. 按权利要求 2 或 3 所述的仿真气溶胶吸入器, 其特征在于: 所述锂电池 (203) 可为可充电的聚合物锂电池或可充电的锂离子电池。

10. 按权利要求 1 所述的仿真气溶胶吸入器, 其特征在于: 所述雾化器组件包括内螺纹电极 (302)、气液分离器 (303)、雾化器 (307) 及第二壳体 (306), 第二壳体 (306) 的一端与烟瓶组件相插接, 另一端设有内螺纹电极 (302), 其上设有第二负压腔孔 (301), 气液分离器 (303) 与雾化器 (307) 依次与内螺纹电极 (302) 相连接; 在第二壳体 (306) 上开有进气孔道 (502)。

11. 按权利要求 10 所述的仿真气溶胶吸入器, 其特征在于: 所述内螺纹电极 (302) 为不锈钢或黄铜件镀金开中孔制成。

12. 按权利要求 10 所述的仿真气溶胶吸入器, 其特征在于: 所述气液分离器 (303) 是用不锈钢或塑料开孔制成。

13. 按权利要求 10 所述的仿真气溶胶吸入器, 其特征在于: 所述雾化器 (307) 可为毛细浸润式雾化器或喷射式雾化器, 雾化器 (307) 内设有加热体 (305); 喷射式雾化器上开有喷射孔 (304)。

14. 按权利要求 13 所述的仿真气溶胶吸入器, 其特征在于: 所述喷射孔 (304) 是用泡沫陶瓷、微孔陶瓷、发泡金属、不锈钢纤维毡或化学纤维成型开孔制成。

15. 按权利要求 13 所述的仿真气溶胶吸入器, 其特征在于: 所述加热体 (305) 是用微孔陶瓷骨架上绕有镍铬合金丝、铁铬铝合金丝或铂丝等电热材料制成, 也可直接用导电陶瓷或 PTC 陶瓷材料制成的带烧结电极的多孔体; 加热体 (305) 的表面烧结成高温釉以固定沸石颗粒, 沸石颗粒由天然沸石、人造无机微孔陶瓷或氧化铝颗粒制成。

16. 按权利要求 1 所述的仿真气溶胶吸入器, 其特征在于: 所述烟瓶组件包括烟液瓶 (401)、纤维 (402) 及吸嘴 (403), 带有烟液的纤维 (402) 容置在烟液瓶 (401) 的一端, 该端插接在第二壳体 (306) 内、抵接在雾化器 (307) 上, 吸嘴 (403) 位于烟液瓶 (401) 的另一端, 在纤维 (402) 与烟液瓶 (401) 的内壁间留有吸气孔道 (503)。

17. 按权利要求 16 所述的仿真气溶胶吸入器, 其特征在于: 所述烟液瓶 (401)、吸嘴 (403) 是用无毒塑料制成。

18. 按权利要求 16 所述的仿真气溶胶吸入器, 其特征在于: 所述纤维 (402) 是用聚丙烯纤维或尼龙纤维制成。

19. 按权利要求 16 所述的仿真气溶胶吸入器，其特征在于：所述纤维（402）中用于雾化的烟液含有 0.1 ~ 3.5% 的烟碱，0.05 ~ 5% 的烟用香精，0.1 ~ 3% 的有机酸，0.1 ~ 0.5% 的稳定剂，余量为丙二醇。

20. 按权利要求 1 所述的仿真气溶胶吸入器，其特征在于：所述吸入器及其连接结构可装入常规药物作为肺内吸入式给药器械。

说明书

仿真气溶胶吸入器

技术领域

本实用新型涉及电子吸入装置，具体地说是一种不含有焦油、只含烟碱（尼古丁）的仿真气溶胶吸入器。

背景技术

在当今“吸烟有害健康”已成为常识的情况下，全世界目前仍有10亿人吸烟，而且每年这个数字还在扩大。2003年3月1日世界卫生组织（WHO）通过了的第一个国际禁烟协定《烟草控制框架公约》，据WHO提供的数字表明，吸烟每年造成490万人死亡，尽管吸烟可导致严重的呼吸系统疾病和癌症，让吸烟者完全戒烟是极其困难的事。

香烟的有效成分是烟碱（即尼古丁），吸烟时烟碱随着香烟燃烧产生的大量焦油雾滴进入肺泡后被迅速吸收，烟碱被吸收入血后作用于中枢神经系统的受体上，引起类似兴奋剂的“陶醉感”，如吸烟者所经历的头晕目眩或飘飘然的感觉。

烟碱是小分子生物碱，在小剂量下对人体基本无害，而且在血液中的半衰期极短。烟草的有害物质主要是焦油，烟草焦油是由数千种成分组成，其中有数十种成分是致癌物。目前证实被动吸烟对不吸烟者的危害更大。

为了寻找只含烟碱而不含有害焦油的香烟代用品，有许多发明是用较纯的烟碱制成诸如“戒烟贴”、“烟碱含漱水”、“包装在有抛射剂的高压气罐喷雾剂”、“烟碱口香糖”、“烟碱饮料”等产品，这些产品虽然没有焦油的危害，但因烟碱吸收缓慢，在血液中不能建立有效的高峰浓度，不能解决需求烟碱“过瘾”的感觉，同时也剥夺了吸烟者已经养成的“抽”、“吸”的习惯，因而类似的产品不能真正的作为戒烟用品或香烟代用品。

实用新型内容

本实用新型目的在于提供一种有戒烟和香烟替代品作用的仿真气溶胶吸入器。

本实用新型的技术方案是发明人于2000年4月14日在中国知识产权局申请的申请号为：200420031182.0 国际申请号为：PCT/CN2005/000337的实用新型“雾化电子烟”专利的创新型。

本实用新型的目的在于通过以下技术方案来实现的：

本实用新型包括电池组件、雾化器组件及烟瓶组件，电池组件的一端设有外螺纹电极，雾化器组件的一端设有内螺纹电极，两者通过螺纹电极相连接，烟瓶组件插接在雾化器组件的另一端，共同构成一个香烟型或雪茄型的整体。

其中：电池组件包括指示灯、锂电池、MOSFET 电路板、传感器、硅橡胶波纹隔膜、第一螺纹电极、第一负压腔孔及第一壳体，第一壳体的一端设有外螺纹电极，另一端安装有指示灯，其一侧罩有指示灯罩，指示灯罩上开有微孔，另一侧依次连接锂电池及 MOSFET 电路板，MOSFET 电路板上设有传感器，在第一螺纹电极与传感器之间安装有硅橡胶波纹隔膜，其上开有第一负压腔孔，传感器通过固接在其上的簧片开关与硅橡胶波纹隔膜相连接；在 MOSFET 电路板与传感器之间加设有 MCU；第一壳体表面加设有显示屏；所述 MCU 是以脉冲的省电模式扫描传感器，根据传感器的信号参数实现以频率对单次工作时间的积分函数做雾化剂量限制；同时，MCU 完成对电流恒功率输出的脉宽调制及过放电保护、每工作数千次自动清洗功能、指示灯的渐亮渐熄控制、工作次数及电池容量显示、传感器误动作停机自动恢复等控制；所述传感器可为用弹性合金片制成的开关式传感器、线性输出的霍尔器件、半导体力敏芯片、半导体矩阵热电桥芯片或电容及电感式传感器；所述指示灯为两只红色的发光二极管；所述硅橡胶波纹隔膜还可采用氟橡胶、丁腈橡胶或弹性合金膜制成；所述外螺纹电极可为不锈钢或黄铜件镀金开中孔制成；所述锂电池可为可充电的聚合物锂电池或可充电的锂离子电池；所述雾化器组件包括内螺纹电极、气液分离器、雾化器及第二壳体，第二壳体的一端与烟瓶组件相插接，另一端设有内螺纹电极，其上设有第二负压腔孔，气液分离器与雾化器依次与内螺纹电极相连接；在第二壳体上开有进气孔道；所述内螺纹电极可为不锈钢或黄铜件镀金开中孔制成；所述气液分离器是用不锈钢或塑料开孔制成；所述雾化器可为毛细浸润式雾化器或喷射式雾化器，雾化器内设有加热体；喷射式雾化器上开有喷射孔；所述喷射孔是用泡沫陶瓷、微孔陶瓷、发泡金属、不锈钢纤维毡或化学纤维成型开孔制成；所述加热体是用微孔陶瓷骨架上绕有镍铬合金丝、铁铬铝合金丝或铂丝等电热材料制成，也可直接用导电陶瓷或 PTC 陶瓷材料制成的带烧结电极的多孔体；加热体的表面烧结成高温釉以固定沸石颗粒，沸石颗粒由天然沸石、人造无机微孔陶瓷或氧化铝颗粒制成；所述烟瓶组件包括烟液瓶、纤维及吸嘴，带有烟液的纤维容置在烟液瓶的一端，该端插接在第二壳体内、抵接在雾化器上，吸嘴位于烟液瓶的另一端，在纤维与烟液瓶的内壁间留有吸气孔道；所述烟液瓶、吸嘴是

用无毒塑料制成；所述纤维是用聚丙烯纤维或尼龙纤维制成；所述纤维中用于雾化的烟液含有 0.1 ~ 3.5% 的烟碱，0.05 ~ 5% 的烟用香精，0.1 ~ 3% 的有机酸，0.1 ~ 0.5% 的稳定剂，余量为丙二醇；所述吸入器及其连接结构可装入常规药物作为肺内吸入式给药器械。

本实用新型的优点与积极效果为：

本实用新型吸烟无焦油，大大降低了致癌风险，使用者仍有吸烟的感觉和兴奋，无需点燃，无火灾危害。本实用新型的装置和连接结构可装入常规药物作为肺内吸入式给药器械。

附图说明

图 1 为本实用新型香烟型的外观示意图；
 图 2A 为本实用新型电池组件的一种结构示意图；
 图 2B 为本实用新型电池组件的另一种结构示意图；
 图 3 为本实用新型雾化器组件的示意图；
 图 4 为本实用新型烟瓶组件的示意图；
 图 5A 为本实用新型的一种内部结构示意图；
 图 5B 为本实用新型的另一种内部结构示意图；
 图 6 为本实用新型充电器的结构示意图；
 图 7 为本实用新型 MCU 及 MOSFET 的电路原理图；
 图 8 为本实用新型毛细浸润式雾化器的结构示意图；
 图 9 为图 8 的左视图；
 图 10 为本实用新型喷射式雾化器的结构示意图；
 图 11 为图 10 的左视图；
 图 12 为本实用新型雪茄式外形的结构示意图。

具体实施方式

下面结合附图对本实用新型作进一步详述。

实施例 1

如图 1 所示，本实用新型的外观与插入烟嘴的卷烟外形相似，包括电池组件、雾化器组件及烟瓶组件，电池组件的一端设有外螺纹电极 209，雾化器组件的一端设有内螺纹电极 302，两者通过螺纹电极相连接成模拟烟体，烟瓶组件插接在雾化器组件的另一端，共同构成一个香烟型仿真气溶胶吸入器。

如图 2A 所示，电池组件包括指示灯 202、锂电池 203、MOSFET 电路板 205、传感器 207、硅橡胶波纹隔膜 208、第一螺纹电极 209、第一负压腔孔 210 及第一壳体 211，第一壳体 211 的一端设有外螺纹电极 209，另一端安装有指示灯 202，其一侧罩有指示灯罩 201，指示灯罩 201 上开有微孔 501，另一侧依次连接锂电池 203 及 MOSFET

(金属氧化物半导体场效应管)电路板 205, MOSFET 电路板 205 上设有传感器 207, 在第一螺纹电极 209 与传感器 207 之间安装有硅橡胶波纹隔膜 208, 其上开有第一负压腔孔 210, 传感器 207 通过固接在其上的簧片开关 212 与硅橡胶波纹隔膜 208 相连接。

其中: 传感器 207 可为用弹性合金片制成的开关式传感器、线性输出的霍尔器件、半导体力敏芯片、半导体矩阵热电桥芯片或电容及电感式传感器。指示灯 202 为两只红色的发光二极管。锂电池 203 可为可充电的聚合物锂电池或可充电的锂离子电池。外螺纹电极 209 为不锈钢或黄铜件镀金开中孔制成。硅橡胶波纹隔膜 208 还可用氟橡胶、丁腈橡胶或弹性合金膜制成。

如图 3 所示, 雾化器组件包括内螺纹电极 302、气液分离器 303、雾化器 307 及第二壳体 306, 第二壳体 306 的一端与烟瓶组件相插接, 另一端设有内螺纹电极 302, 其上设有第二负压腔孔 301, 气液分离器 303 与雾化器 307 依次与内螺纹电极 302 相连接; 在第二壳体 306 上开有进气孔道 502。其中: 气液分离器 303 是用不锈钢或塑料开孔制成。内螺纹电极 302 为不锈钢或黄铜件镀金开中孔制成。

雾化器 307 可如图 8、图 9 所示, 为毛细浸润式雾化器, 或如图 10、图 11 所示, 为喷射式雾化器。本实施例为喷射式雾化器。

如图 4 所示, 烟瓶组件包括烟液瓶 401、纤维 402 及吸嘴 403, 带有烟液的纤维 402 容置在烟液瓶 401 的一端, 该端插接在第二壳体 306 内、抵接在雾化器 307 上, 吸嘴 403 位于烟液瓶 401 的另一端, 在纤维 402 与烟液瓶 401 的内壁间留有吸气孔道 503。

如图 5A 所示, 本实用新型的待工作状态是将图 2A 所示的、充完电的电池组件旋紧在图 3 所示的雾化器组件上, 再插入图 4 所示的烟瓶组件。当使用者用口轻吸吸嘴 403 时, 经吸气孔道 503 和第一、二负压腔孔 210、301 在硅橡胶波纹隔膜 208 上形成负压, 硅橡胶波纹隔膜 208 在吸气压差的作用下变形带动簧片开关 212 及传感器 207, 启动 MOSFET 电路板 205。此时, 指示灯 202 逐渐亮起, 锂电池 203 通过 MOSFET 电路板 205 及内、外螺纹电极 302、209 向雾化器 307 内的加热体 305 供电, 使雾化器 307 内的加热体 305 产生热量。烟液瓶 401 内的纤维 402 中含有烟液, 烟液经纤维 402 浸润雾化器中的微孔陶瓷 801; 空气由进气孔道 502 进入, 经气液分离器 303 上的通气孔、在雾化器 307 的喷射孔 304 中形成气液混合物, 气液混合物喷射到加热体 305 上汽化, 并迅速被吸入气体的气流中冷凝成气溶胶, 经吸气孔道 503 由吸嘴 403 吸出成白雾状气溶胶。

当吸气停止时, 簧片开关 212 及传感器 207 复位, 雾化器 307 停

止工作，指示灯 202 逐渐熄灭，在工作次数达到预设的数值时，雾化器 307 工作延时 5 至 20 秒一次，以清洁加热体 305 上的微量积垢。

雾化器 307 的供液材料除微孔陶瓷外还可选用泡沫陶瓷、微孔玻璃、发泡金属、不锈钢纤维毡、涤纶纤维、尼龙纤维、腈纶纤维、芳纶纤维或硬质多孔塑料。加热体 305 可采用微孔陶瓷骨架上绕有镍铬合金丝、铁铬铝合金丝、铂丝等电热材料，也可直接用导电陶瓷或 PTC（正温度系数热敏陶瓷）材料制成的带烧结电极的多孔体。加热体 305 的表面烧结成高温釉以固定沸石颗粒，沸石颗粒由天然沸石、人造无机微孔陶瓷或氧化铝颗粒制成。烟瓶组件中的烟液瓶 401 用、吸嘴 403 是用无毒塑料制成，内粘有用聚丙烯纤维或尼龙纤维制成的纤维 402 以吸附烟液。在电池组件中，指示灯罩 201 上开有微孔 501，用于平衡硅橡胶波纹隔膜 208 两侧的压差。

用于雾化的烟液含有 0.1 ~ 3.5% 的烟碱，0.05 ~ 5% 的烟用香精，0.1 ~ 3% 的有机酸，0.1 ~ 0.5% 的稳定剂，余量为丙二醇。

本实用新型的第一、二外壳 211、306 由不锈钢管或铜合金管制成，外饰仿真卷烟的烤漆颜色。

如图 12 所示，本实用新型还可按比例加大电池组件的直径，使之与雾化器组件的直径一致，并在外壳上饰以植物叶脉纹理及亚光棕黄色烤漆，成为雪茄型仿真气溶胶吸入器。

本实用新型的锂电池 203 的再充电可用图 6 所示的带有与电池组件上外螺纹电极 209 相匹配的螺纹电极 601 做接口充电。

实施例 2

如图 2B 所示，本实施例与实施例 1 不同之处在于：在 MOSFET 电路板 205 与传感器 207 之间加设有 MCU206；第一壳体 211 表面加设有显示屏 204，用于显示锂电池 203 的电量以及吸烟的次数。

如图 5B 所示，本实用新型的待工作状态是将图 2B 所示的、充满电的电池组件旋紧在图 3 所示的雾化器组件上，再插入图 4 所示的烟瓶组件。当使用者用口轻吸吸嘴 403 时，经吸气孔道 503 和第一、二负压腔孔 210、301 在硅橡胶波纹隔膜 208 上形成负压，硅橡胶波纹隔膜 208 在吸气压差的作用下变形带动簧片开关 212 及传感器 207，启动 MCU206 及 MOSFET 电路板 205。此时，指示灯 202 逐渐亮起，锂电池 203 通过 MOSFET 电路板 205 及内、外螺纹电极 302、209 向雾化器 307 内的加热体 305 供电，使雾化器 307 内的加热体 305 产生热量。烟液瓶 401 内的纤维 402 中含有烟液，烟液经纤维 402 浸润雾化器中的微孔陶瓷 801；空气由进气孔道 502 进入，经气液分离器 303 上的通气孔、在雾化器 307 的喷射孔 304 中形成气液混合物，气液混

合物喷射到加热体 305 上汽化，并迅速被吸入气体的气流中冷凝成气溶胶，经吸气孔道 503 由吸嘴 403 吸出成白雾状气溶胶。

如图 7 所示，在吸气动作引致传感器启动时，MCU206 以脉冲的省电模式扫描传感器 207，根据传感器 207 的信号参数实现以频率对单次工作时间的积分函数做雾化剂量限制。同时，MCU206 完成对电源恒功率输出的脉宽调制及过放电保护、每工作数千次自动清洁功能、指示灯的渐亮渐熄控制、工作次数及电池容量显示、传感器误动作停机自恢复等控制功能。

本实用新型的装置和连接结构还可装入常规药物作为肺内吸入式给药器械。

说明书附图

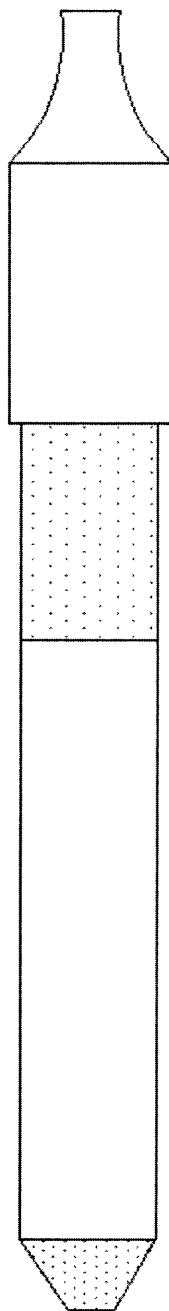


图 1

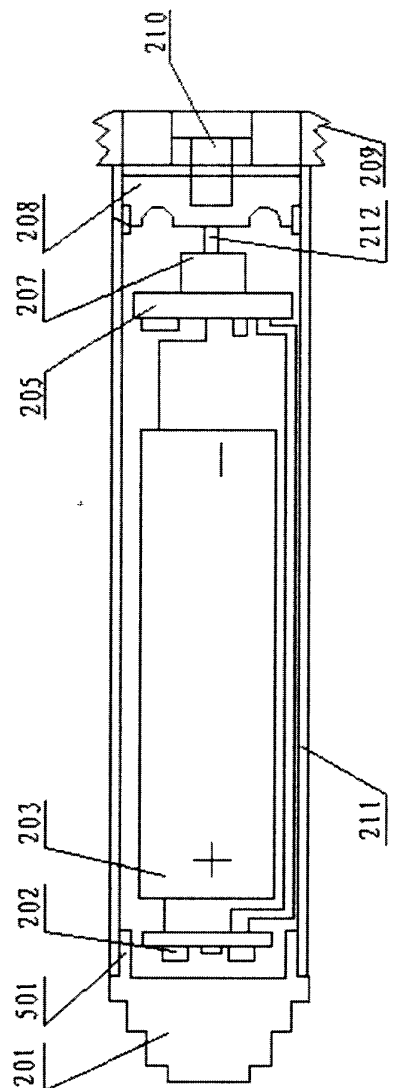


图 2A

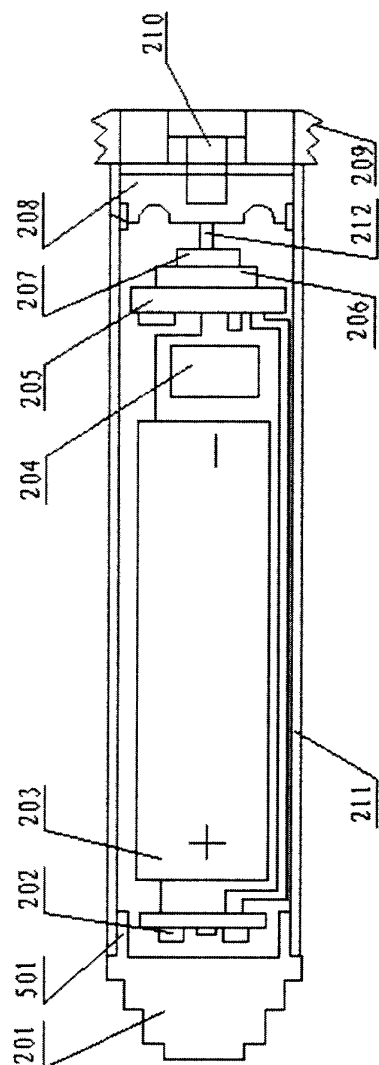


图 2B

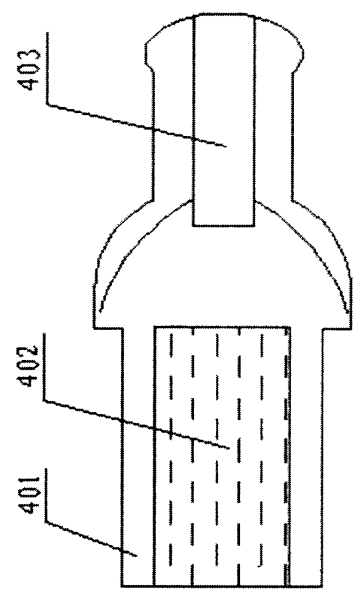


图 4

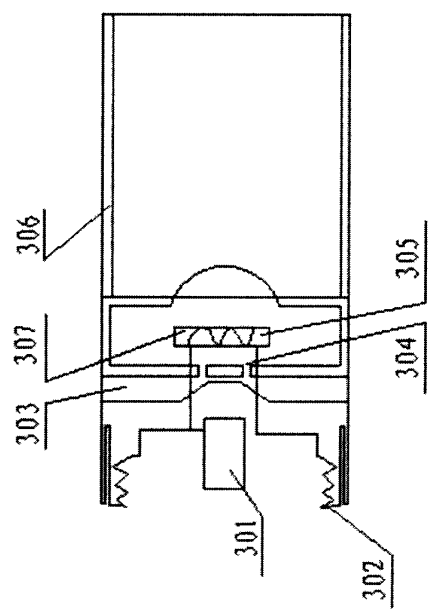


图 3

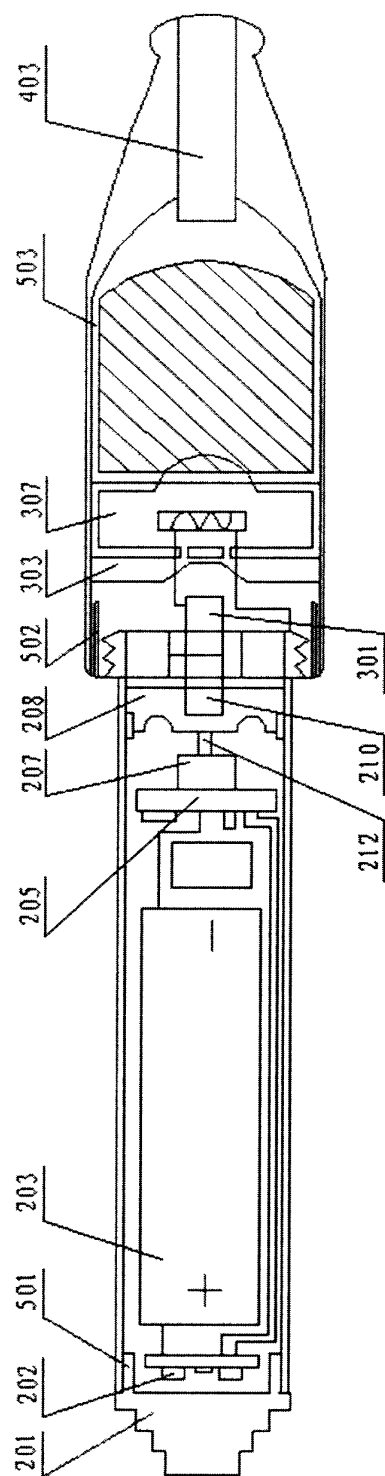


图 5A

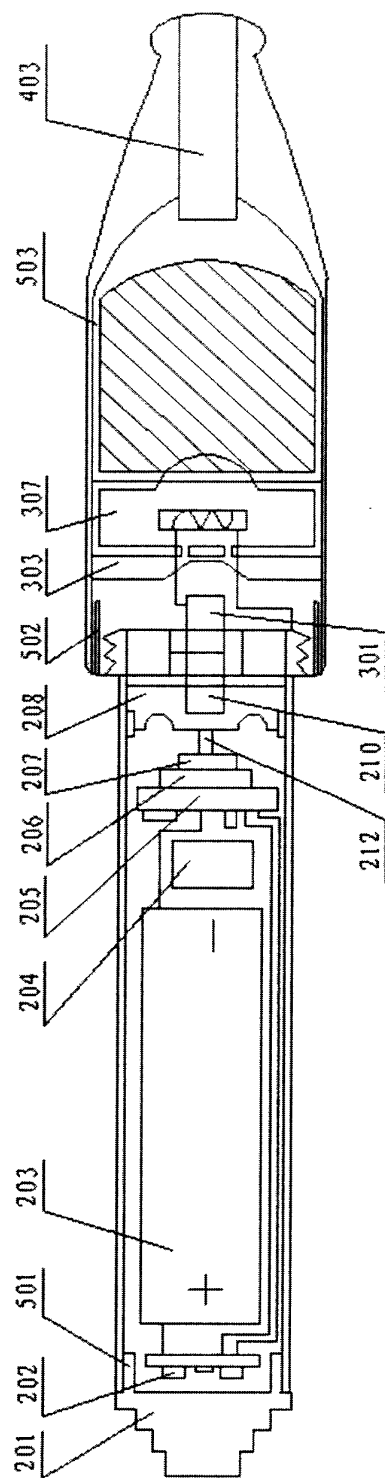


图 5B

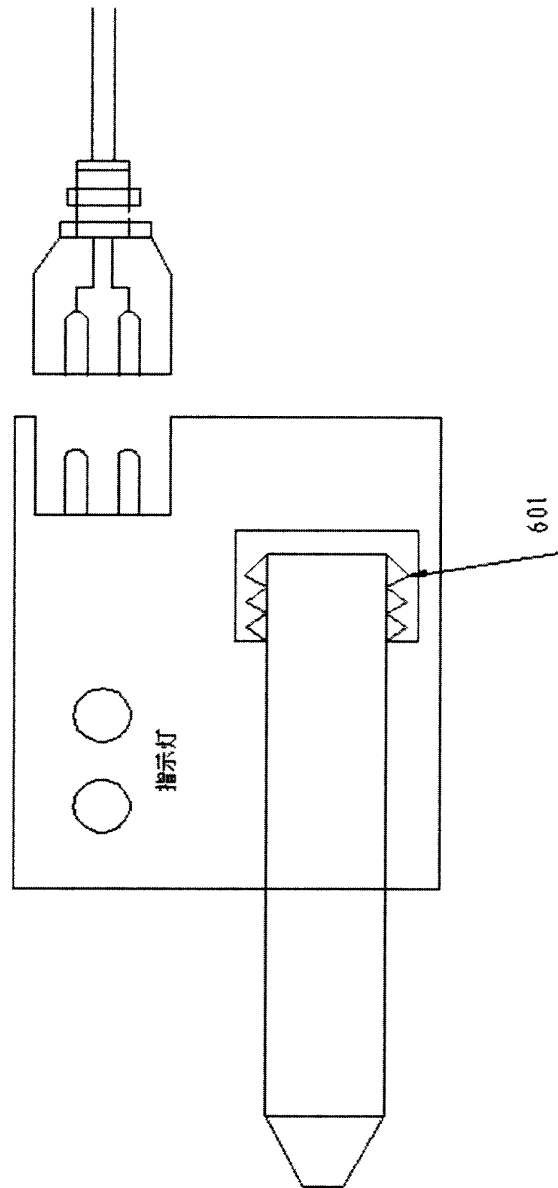


图 6

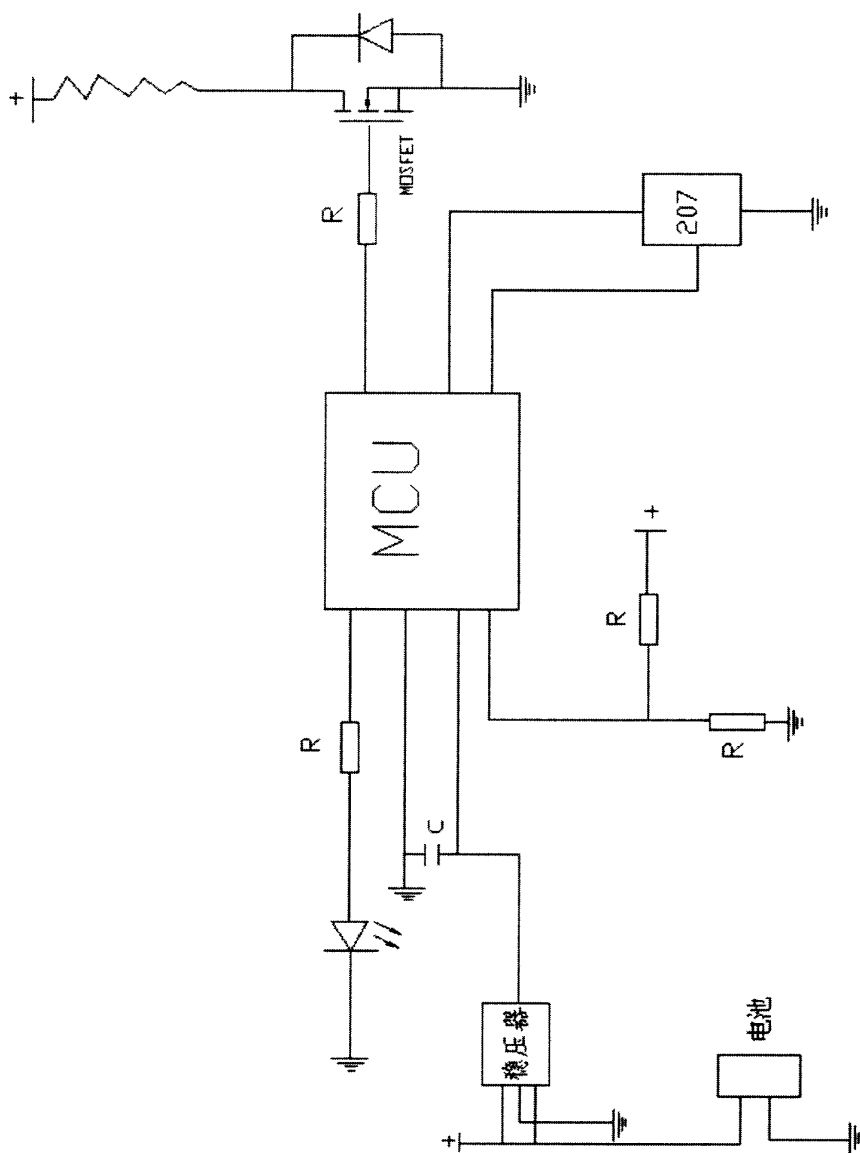


图 7

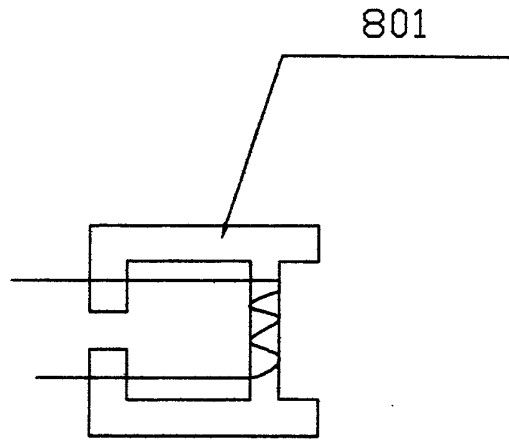


图 8

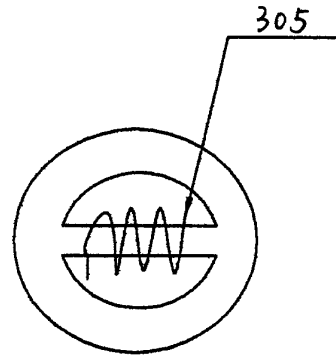


图 9

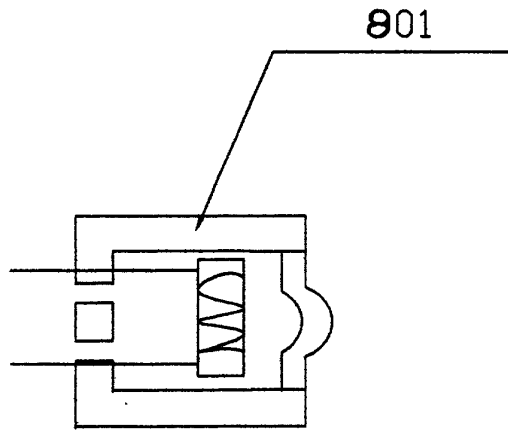


图 10

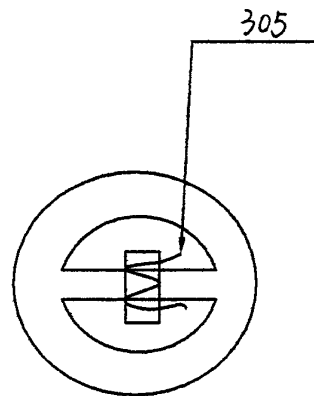


图 11

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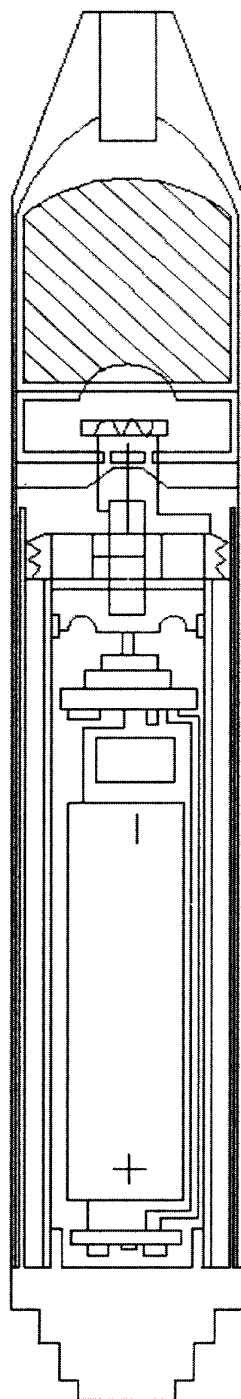


图 12

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	14/720,288 – Conf. # 9103
				Filing Date	May 22, 2015
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	1	of	20	Attorney Docket Number	111971-8013.US03

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US0705919	7/29/1902	Gill	
	A2	US2057353	10/13/1936	Whittemore	
	A3	US3200819	8/17/1965	Gilbert	
	A4	US4945929	8/7/1990	Egilmex	
	A5	US4945929A	8/17/1990	British-American Tobacco	
	A6	US5894841	4/20/1999	Voges	
	A7	US6196218	3/6/2001	Voges	
	A8	US6601776	8/5/2003	Oljaca	
	A9	US6715494B1	4/6/2004	McCoy	
	A10	US8156944	4/17/2012	Hon	
	A11	US20050016550	1/1/2005	Katase	
	A12	US20060196518	9/1/2006	Hon	
	A13	US20070267031	11/22/2007	Hon	
	A14	US20080257367	10/23/2008	Paterno/Sottera	

Examiner Signature		Date Considered	
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111971-8013.US03/128060671.1

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	14/720,288 – Conf. # 9103
				Filing Date	May 22, 2015
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	2	of	20	Attorney Docket Number	111971-8013.US03

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	CA2562581A1	10/27/2005	Hon		
	B2	CA2647212	5/16/2006	Han		
	B3	CA2752134	11/11/2004	Hon		
	B4	CN1106812C (pub) CN97190727.7 (pat)	4/30/2003	Susa		
	B5	CN1135860A	11/20/1996	Du		
	B6	CN1191696A	9/2/1998	Pu		
	B7	CN1196660A (CN97190727.7)	11/20/1996	Japan Tobacco		
	B8	CN1252961A	5/17/2000	SONG, Guoqiang		
	B9	CN1530041A	9/22/2004	HAN, Li		
	B10	CN1541577A	11/3/2004	HAN, Li		
	B11	CN1575673A	2/9/2005	Seiko Epson		
	B12	CN201797997U CN201020546169.4	4/20/2011	Shenzhen Ruyan Biotechnology Co Ltd		
	B13	CN202026802U CN201120050555.9	11/9/2011	Ruyan Biosciences International Co Ltd.		
	B14	CN202026804U CN201120066344.4	11/9/2011	Ruyan Biosciences International Co Ltd.		
	B15	CN2719043Y	8/24/2005	Hon		
	B16	CN2777995Y	5/10/2006	HAN, Li		
	B17	EP0057243A1	8/11/1982	Niemann		
	B18	EP0845220A1		Susa		
	B19	EP01618803A1	1/25/2006	Hon		
	B20	EP01618808A1	1/26/2006	Unilever		

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111971-8013.US03/128060671.1

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	B21	EP01736065A1	12/27/2006	Hon		
	B22	WO1994021317	9/29/1994	Gault/Xetel Corp		
	B23	WO2004080216	9/23/2004	Hon		
	B24	WO2005099494	10/27/2005	Hon		

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	C1	CHEN, Yongzhi – Patent Invalidation Petition against CN200620090805.0, Case No. 5W1014616 with English Translation, May 31, 2013	
	C2	CHEN, Yongzhi - Patent Invalidation Petition against CN200620090805.0, Case No. 5W1014616, May 31, 2013, D1-CN2719043	
	C3	CHEN, Yongzhi - Patent Invalidation Petition against CN200620090805.0, Case No. 5W1014616, May 31, 2013, D2-CN1196660	
	C4	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015	
	C5	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-1 Invalidity Claim Chart for US8863752, June 18, 2015	
	C6	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-2 Invalidity Claim Chart for US8863752, June 18, 2015	
	C7	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-3 Invalidity Claim Chart for US8863752, June 18, 2015	
	C8	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-4 Invalidity Claim Chart for US8863752, June 18, 2015	
	C9	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-5 Invalidity Claim Chart for US8863752, June 18, 2015	
	C10	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-6 Invalidity Claim Chart for US8863752, June 18, 2015	
	C11	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix F-1 Invalidity Claim Chart for US8375957, June 18, 2015	
	C12	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix F-2 Invalidity Claim Chart for US8375957, June 18, 2015	

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	C13	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix F-3 Invalidity Claim Chart for US8375957, June 18, 2015	
	C14	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix F-4 Invalidity Claim Chart for US8375957, June 18, 2015	
	C15	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 21, US2057353 Whittemore	
	C16	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 22, US5894841 Voges	
	C17	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 25, EP0845220B1 Susa	
	C18	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 26, US3200819 Gilbert	
	C19	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 63, US6196218 Voges '218	
	C20	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 75, CA2752134 Hon '134	
	C21	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 76, WO2005099494 Hon '494	
	C22	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 77, CN2719043 Hon '043	
	C23	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 78, TECHPOWERUP, www.techpowerup.com – “What is a MOSFET, what does it look like, and how does it work?” – published May 24, 2004	

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	C24	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 79, US20070267031 Hon '031	
	C25	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 82, US0705919 Gill	
	C26	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 84, EP0845220A1 Susa	
	C27	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 103, certified English translation of CN2719043 Hon '043 Translation	
	C28	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 104, certified English translation of WO2005099494 Hon '494 Translation	
	C29	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015	
	C30	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D1-CN2719043	
	C31	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D1 Equivalent-EP1736065	
	C32	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D2-WO1994021317	
	C33	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D3-US6601776	
	C34	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D4-EP01618803A	
	C35	IP AUSTRALIA, Patent Examination Report No. 1 for AU2007250368, August 9, 2012	

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	C36	IP OFFICE INDIA, First Examination Report for 8529/DELNP/2008, June 25, 2015	
	C37	IP OFFICE NEW ZEALAND, Exam Report for NZ572310, April 29, 2010	
	C38	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Paper 1, June 26, 2015	
	C39	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1001, U.S. Patent No. 8,375,957 to Hon , June 26, 2015	
	C40	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1002, Schuster Expert Declaration , June 26, 2015	
	C41	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1003, Canadian Patent Application No. 2 752 134 to Hon , June 26, 2015	
	C42	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1004, U.S. Patent No. 6,234,167 to Cox , June 26, 2015	
	C43	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1005, EP 0 845 220 A1 to Susa , June 26, 2015	
	C44	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1006, U.S. Patent No. 5,060,671 to Counts , June 26, 2015	
	C45	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1007, U.S. Patent No. 6,155,268 to Takeuchi , June 26, 2015	

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	C46	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1008, WO 00/28843 A1 to Pienemann , June 26, 2015	
	C47	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1009, Certified English translation of WO 00/28843 A1 to Pienemann , June 26, 2015	
	C48	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1010, CN 2719043 to Hon , June 26, 2015	
	C49	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1011, Certified English translation of CN 2719043 to Hon , June 26, 2015	
	C50	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1012, U.S. Patent No. 2,057,353 to Whittemore , June 26, 2015	
	C51	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1013, U.S. Patent Publication No. 2003/0033055 A1 to McRae , June 26, 2015	
	C52	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1014, CN200620090805 to Hon , June 26, 2015	
	C53	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1015, Certified English translation of CN200620090805 to Hon , June 26, 2015	
	C54	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1016, October 5, 2010 Office Action ('957) , June 26, 2015	

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	C56	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1018, June 8, 2011 Office Action ('957) , June 26, 2015	
	C57	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1019, December 8, 2011 Response ('957) , June 26, 2015	
	C58	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1020, January 9, 2012 Office Action ('957) , June 26, 2015	
	C59	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1021, May 9, 2012 Response ('957) , June 26, 2015	
	C60	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1022, August 7, 2012 Office Action ('957) , June 26, 2015	
	C61	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1023, August 29, 2012 Response ('957) , June 26, 2015	
	C62	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1024, December 17, 2012 Notice of Allowance ('957) , June 26, 2015	

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	C63	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1025, McGraw-Hill Dictionary of Scientific and Technical Terms (5th ed. 1994) , June 26, 2015	
	C64	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1026, Academic Press Dictionary of Science and Technology (1992) , June 26, 2015	
	C65	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1027, American Heritage Dictionary of the English Language (1996) , June 26, 2015	
	C66	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1028, KR 10-0469625 to Kim , June 26, 2015	
	C67	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1029, Certified English translation of KR 10-0469625 to Kim , June 26, 2015	
	C68	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1030, U.S. Patent No. 1,446,087 to Griffin , June 26, 2015	
	C69	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1031, Curriculum Vitae of Jeffrey Arthur Schuster, Ph.D. , June 26, 2015	
	C70	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1032, J.A. Speck, MECHANICAL FASTENING, JOINING AND ASSEMBLY (1997) , June 26, 2015	
	C71	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1033, U.S. Patent No. 705,919 to Gill , June 26, 2015	

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				Application Number	14/720,288 – Conf. # 9103
				Filing Date	May 22, 2015
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	11	of	20	Attorney Docket Number	111971-8013.US03

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	C72	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1034, U.S. Patent No. 980,830 to Patterson , June 26, 2015	
	C73	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1035, U.S. Patent No. 6,070,992 to Schnell , June 26, 2015	
	C74	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1036, U.S. Patent No. 3,934,117 to Schladitz , June 26, 2015	
	C75	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1037, U.S. Patent No. 4,531,178 to Uke , June 26, 2015	
	C76	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1038, U.S. Patent No. 5,177,424 to Connors , June 26, 2015	
	C77	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1039, U.S. Patent No. 6,232,784 to Dulasky , June 26, 2015	
	C78	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863752 - IPR2015-01604, Paper 1, July 20, 2015	
	C79	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863752 - IPR2015-01604, Exhibit 1001, U.S. Patent No. 8,863,752 to Hon , July 20, 2015	
	C80	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863752 - IPR2015-01604, Exhibit 1002, Declaration of Jeffrey A. Schuster, Ph.D. , July 20, 2015	

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	C81	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1003, U.S. Patent No. 8,375,957 Certificate of Correction, July 20, 2015	
	C82	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1004, '752 Patent Application as Filed, July 20, 2015	
	C83	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1005, Restriction Requirement, July 20, 2015	
	C84	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1006, Response to Restriction Requirement, July 20, 2015	
	C85	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1007, Non-Final Office Action, July 20, 2015	
	C86	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1008, Response to Non-Final Office Action, July 20, 2015	
	C87	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1009, Notice of Allowance, July 20, 2015	
	C88	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1010, McGraw-Hill Dictionary of Scientific and Technical Terms ("assembly") ("component") ("electrode") ("pore") ("porous") ("screwthread"), July 20, 2015	
	C89	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1011, American Heritage Dictionary ("atomize") ("flow"), July 20, 2015	

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				Examiner Name	Dionne Walls Mayes
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	C90	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1012, Merriam-Webster.com ("aerosol") ("atomizer") ("contain") ("housing") ("insert") ("paper") ("permeable") ("store") , July 20, 2015	
	C91	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1013, Academic Press Dictionary of Science and Technology ("permeability") ("solid") , July 20, 2015	
	C92	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1014, Canadian Patent Application No. 2 752 134 to Hon , July 20, 2015	
	C93	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1015, U.S. Patent No. 6,155,268 to Takeuchi , July 20, 2015	
	C94	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1016, WO 00/28843 A1 to Pienemann , July 20, 2015	
	C95	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1017, Certified English translation of WO 00/28843 A1 to Pienemann , July 20, 2015	
	C96	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1018, EP 0 845 220 A1 to Susa , July 20, 2015	
	C97	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1019, J.A. Speck, MECHANICAL FASTENING , JOINING AND ASSEMBLY (1997) , July 20, 2015	
	C98	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, October 21, 2014	

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				Examiner Name	Dionne Walls Mayes
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	C99	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1001 - U.S. Patent No. 8,375,957, October 21, 2014	
	C100	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1002, Declaration of Gregory Buckner, Ph.D., October 21, 2014	
	C101	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1003, China Patent CN 2719043 – issue date August 24, 2005 , October 21, 2014	
	C102	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1004, Certified English translation of CN 2719043 pursuant to 37 C.F.R. 42.63(b) , October 21, 2014	
	C103	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1005, U.S. publication 2007/0267031 (“Hon ‘031”), which is the U.S. equivalent of CN 2719043 , October 21, 2014	
	C104	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1006, CA 2562581, which is the Canadian equivalent of CN 2719043 , October 21, 2014	
	C105	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1007, U.S. Patent No. 3,200,819 (“Gilbert”) – issue date August 17, 1965 , October 21, 2014	
	C106	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1008, U.S. Patent No. 2,057,353 (“Whittemore”) – issue date October 13, 1936 , October 21, 2014	

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	C107	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1009, U.S. Patent No. 5,894,841 ("Voges") – issue date April 20, 1999 , October 21, 2014	
	C108	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1010, U.S. Pat. App. Pub. 2008/0257367 ("Paterno") – filed April 23, 2007 , October 21, 2014	
	C109	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1011, EP 0533599A1 ("Connors") – publication date March 24, 1993 , October 21, 2014	
	C110	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1012, Non-patent publication "What is a MOSFET, what does it look like, and how does it work?" dated 5/24/2004, printed from the Internet Archive, i.e., the Wayback machine, which was archived on March 5, 2010 ("TechPowerUp") , October 21, 2014	
	C111	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1013, Non-patent publication "What is a MOSFET, what does it look like, and how does it work?" dated 5/24/2004, printed from the Internet Archive, i.e., the Wayback machine, which was archived on July 20, 2011 ("TechPowerUp") , October 21, 2014	
	C112	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1014, PCT application No. PCT/CN2007/ 001576, filed on May 15, 2007, and January 15, 2009 Chinese Declaration re CN Patent Application No. 200620090805 ("Hon '805") , October 21, 2014	
	C113	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1015, '957 patent file history, October 29, 2008 Preliminary Amendment , October 21, 2014	

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	C114	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1016, '957 patent file history, October 5, 2010, Office Action , October 21, 2014	
	C115	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1017, '957 patent file history, March 7, 2011, Response to Office Action , October 21, 2014	
	C116	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1018, '957 patent file history, March 29, 2011, Applicant's "Marked-Up Specification" , October 21, 2014	
	C117	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1019, '957 patent file history, June 8, 2011, Office Action , October 21, 2014	
	C118	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1020, '957 patent file history, December 8, 2011, Request for Continued Examination , October 21, 2014	
	C119	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1021, '957 patent file history, January 9, 2012, Office Action , October 21, 2014	
	C120	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1022, '957 patent file history, May 9, 2012, Amendment , October 21, 2014	
	C121	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1023, '957 patent file history, August 7, 2012, Office Action , October 21, 2014	

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	C122	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1024, '957 patent file history, August 29, 2012, Amendment , October 21, 2014	
	C123	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1025, '957 patent file history, December 17, 2012, Notice of Allowance. , October 21, 2014	
	C124	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1026, '957 patent file history, July 2, 2013, Certificate of Correction , October 21, 2014	
	C125	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1027, U.S. Patent No. 8,156,944 (Hon; Aerosol Electronic Cigarette) , October 21, 2014	
	C126	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1028, DECISION - Institution of Inter Partes Review in IPR2013-00387, Paper 7 , October 21, 2014	
	C127	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1029, Curriculum Vitae of Gregory Buckner, Ph.D. , October 21, 2014	
	C128	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, May 29, 2015	
	C129	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1001, U.S. Pat. No. 8,863,752 ("the '752 patent") , May 29, 2015	
	C130	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1002, Declaration Samir Nayfeh, Ph.D. ("Nayfeh Decl.") , May 29, 2015	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

111971-8013.US03/128060671.1

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	14/720,288 – Conf. # 9103
				Filing Date	May 22, 2015
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	18	of	20	Attorney Docket Number	111971-8013.US03

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	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, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C131	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1003, Canadian Pat. App. No. 2,752,134 ("Hon '134") , May 29, 2015	
	C132	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1004, U.S. Pat. No. 3,200,819 ("Gilbert") , May 29, 2015	
	C133	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1005, U.S. Pat. No. 6,155,268 ("Takeuchi") , May 29, 2015	
	C134	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1006, U.S. Pat. No. 1,446,087 ("Griffin") , May 29, 2015	
	C135	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1007, Markman Hearing/Claim Construction Order, Fontem Ventures, B.V. v. NJOY, Inc., No. 14-cv-1645, Dkt. 133 (C.D. Cal. May 7, 2015) , May 29, 2015	
	C136	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1008, Rulings on Claim Construction, Fontem Ventures, B.V. v. NJOY, Inc., No. 14-cv-1645, Dkt. 65 (C.D. Cal. Jan. 29, 2015) , May 29, 2015	
	C137	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1009, Joint Claim Construction and Prehearing Statement, Fontem Ventures, B.V. v. NJOY, Inc., No. 14-cv-1645, Dkt. 93 (C.D. Cal. Mar. 19, 2015) , May 29, 2015	
	C138	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1010, Revised Joint Claim Construction and Prehearing Statement, Fontem Ventures, B.V. v. NJOY, Inc., No. 14-cv-1645, Dkt. 34 (C.D. Cal. Sept. 30, 2014) , May 29, 2015	

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				Filing Date	May 22, 2015
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				Examiner Name	Dionne Walls Mayes
Sheet	19	of	20	Attorney Docket Number	111971-8013.US03

NON PATENT LITERATURE DOCUMENTS			
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	C139	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1011, Curriculum Vitae of Samir Nayfeh, Ph.D. , May 29, 2015	
	C140	NJOY et al., Defendants' Joint Invalidity Contentions, Case No. CV-14-01645 etc., August 7, 2014	
	C141	NJOY, INC. et al., Defendants' Joint Invalidity Contentions, CV-14-01645 etc., Attachment D - Claim Charts for Patent 8375957, August 7, 2014	
	C142	NJOY, Inc. et al., Defendants' Joint Invalidity Contentions, Case No. CV-14-01645 etc., February 26, 2015	
	C143	NJOY, INC. et al., Defendant's Joint Invalidity Contentions, CV14-01645 etc., Exhibit D - Claim Charts for Patent 8863752, February 26, 2015	
	C144	STATE INTELLECTUAL PROPERTY OFFICE CHINA PRC, Decision of Patent Invalidation Petition for CNZL200620090805.0, March 3, 2014	
	C145	STATE INTELLECTUAL PROPERTY OFFICE CHINA PRC, Examination Decision on the Invalidity Declaration Application for CNZL200620090805.0, June 23, 2010	
	C146	STATE INTELLECTUAL PROPERTY OFFICE PRC CHINA, English translation of Written Opinion for PCT/CN07/001576, August 16, 2007	
	C147	STATE INTELLECTUAL PROPERTY OFFICE PRC CHINA, International Search Report for PCT/CN07/001576, August 16, 2007	
	C148	STATE INTELLECTUAL PROPERTY OFFICE PRC CHINA, Search Report for Utility Model CNZL200620090805.0, November 18, 2008	
	C149	TechPowerUp Internet Webpage, http://www.techpowerup.com/articles/overclocking/voltmods/21 , May 24, 2004	
	C150	USPTO, Final Office Action for US12/226,819, June 8, 2011	

Examiner Signature		Date Considered	
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				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	20	of	20	Attorney Docket Number	111971-8013.US03

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	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, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C151	USPTO, Non-Final Office Action for US12/226,819, August 7, 2012	
	C152	USPTO, Non-Final Office Action for US12/226,819, January 9, 2012	
	C153	USPTO, Non-Final Office Action for US12/226,819, October 5, 2010	
	C154	USPTO, Non-Final Office Action for US13/915,427, March 21, 2014	
	C155	USPTO, Non-Final Office Action for US13/754,521, September 25, 2015	
	C156	USPTO, Notice of Allowance for US12/226,819, December 17, 2012	
	C157	USPTO, Notice of Allowance for US13/915,427, August 19, 2014	

Examiner Signature		Date Considered	
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/754,521	01/30/2013	Lik Hon	111971.8013.US01	6079

34055 7580 09/25/2015
PERKINS COIE LLP - LOS General
POST OFFICE BOX 1247
SEATTLE, WA 98111-1247

EXAMINER

MAYES, DIONNE WALLS

ART UNIT	PAPER NUMBER
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1747

NOTIFICATION DATE	DELIVERY MODE
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09/25/2015

ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentprocurement@perkinscoie.com

Office Action Summary	Application No. 13/764,521	Applicant(s) HON, LIK	
	Examiner DIONNE WALLS MAYES	Art Unit 1747	AIA (First Inventor to File) Status No

-- 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 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(s). 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 1/30/2013.
☐ A declaration(s)/affidavit(s) under 37 CFR 1.130(b) was/were filed on _____.

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) 1-15 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) 1-15 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).

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)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date _____

3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____

4) ☐ Other: _____

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Double Patenting

2. 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 double patenting rejection is appropriate where the claims at issue 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 reference 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. See MPEP §

717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP §§ 706.02(I)(1) - 706.02(I)(3) for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/forms/. The filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to <http://www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp>.

3. Claims 1-8, 10-13 and 15 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-24 of Hon '957 (U.S. Pat. No. 8,375,957). Although the claims at issue are not identical, they are not patentably distinct from each other because the instant claims are fully encompassed by the claims of Hon '957.

Claim Rejections - 35 USC § 112

4. The following is a quotation of 35 U.S.C. 112(b):
(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 9 and 14 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

It is not clear what the function or structure of the claimed "air-liquid separator" is, particularly as it relates to the "negative pressure cavity" and the "atomizer". Clarification and/or amendment is requested.

Claim Rejections - 35 USC § 103

6. The following is a quotation of pre-AIA 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.

7. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under pre-AIA 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

8. Claims 1, 4-5, 7-8, 10, 12-13 and 15 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Voges (US. Pat. No. 5,894,841) in view of Gilbert (US. Pat. No. 3,200,819).

Regarding independent claims 1, 10 and 15, Voges discloses an electrically-powered nicotine dispenser comprising a cigarette-shaped hollow tubular body (1) having connected body parts (2, 3). Body part (2) has a sidewall (4), a mouthpiece (5) at or adjacent one end and a threaded other end (6). Body part (3) is closed or constricted at the end (9) remote from mouthpiece (5), and is screw threaded at open end for connection with threaded end (6) of body part (2). Further, Fig. 2 shows threaded end (6) in each body part (2, 3) having a hole through its center when the battery (17) and container (10) pass through, hence Voges discloses a screw thread (6) located on the first end of the body part (3) and having a hole through its center (see col. 5, lines 48-55, 66 - col. 6, line 2). The dispenser is powered by means of a hollow, cylindrical battery (17) via an on-off switch (18) extending through side wall (14) and operable by the user, and is controlled by control means (16), for example a microelectronic circuit or microprocessor means. Voges also discloses a sensor (19) that issues an actuation signal to control means (16) in body part (3) (see col. 5, lines 54-57, 64 - col. 6, line 2)(corresponding to the claimed an electronic cigarette comprising: a battery assembly having a battery assembly housing containing a battery, a circuit board, a sensor and a primary screw thread electrode having a through hole on one end of the battery assembly housing").

Voges discloses an atomizer and a solution storage area, both in the atomizer assembly housing. Liquid nicotine is dispensed from the dispenser in the form of a fine spray of droplets which are entrained in the inhalation airflow from slots (7) towards mouthpiece (5). The droplets tend to vaporize in the airflow. Voges discloses a

secondary screw thread (6) located on the second end of the body part (2) and having a hole through its center where body parts (2, 3) are connected by the screw threads (see col. 6, lines 19-23)(corresponding to the claimed "an atomizer assembly having an atomizer assembly housing containing an atomizer, liquid storage and a secondary screw thread electrode having a through hole on one end of the atomizer assembly housing"; the "with the secondary screw thread electrode on a first end of the atomizer assembly housing and the liquid storage inserted into a second end of the atomizer assembly opposite form the first end" recitation of claims 4 and 12; the "with the through hole in the primary screw thread electrode extending through the center of the primary screw thread electrode and with the through hole in the secondary screw thread electrode extending through the center of the secondary screw thread electrode" recitation of claims 8 and 13).

Voges may not specifically state that its "screw threads" provide electrical, as well as mechanical, connection of the "battery assembly" with the "atomizer assembly"; however, the use of threaded electric sockets is known as evidenced by the Gilbert reference, which teaches a smokeless non-tobacco cigarette wherein a threaded electric socket (30) is provided forwardly of a battery cavity (31) for detachably receiving a batter (32) having an inner and an outer contact (33, 34) with a contact strip between the inner contact (33) and the socket (30)(see col. 2, lines 41-45). Hence, it would have been obvious to one having ordinary skill in the art at the time of the invention to have provided a threaded means allowing for electric (as well as mechanical) connection of two parts of the dispenser of Voges (corresponding to the claimed "with the battery

assembly and the atomizer assembly mechanically and electrically connected via the primary screw thread electrode threaded onto or into the secondary screw thread electrode, and with the primary and second screw thread electrodes each having a central through hole to allow air flow from the battery assembly into the atomizer assembly upon inhalation on an outlet opening on the atomizer assembly housing”).

Regarding claim 5, it would have been obvious to one having ordinary skill in the art at the time of the invention to have made the control circuit of Voges/Gilbert of the MOSFET type as it is well known in the electronic arts that MOSFETs are popular devices used in converting voltage in electronic devices (corresponding to the claimed “with the battery assembly further containing a MOSFET circuit board electrically connected to the primary screw thread electrode”).

Regarding claim 7, it would have been obvious to one having ordinary skill in the art at the time of the invention to have enabled the screw thread electrode, associated with the battery, to be connected to a battery charger since providing the nicotine dispenser with the ability to be “repowered” after use is, universally, conventional practice in a myriad of arts (corresponding to the claimed “with the primary screw thread electrode adapted to connect to a battery charger”).

9. Claims 2-3 and 11 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Voges (US. Pat. No. 5,894,841) in view of Gilbert (US. Pat. No. 3,200,819), further in view of Whitmore (US. Pat. No. 2, 057,353).

The combined nicotine dispenser of Voges/Gilbert fails to show an atomizer including a heater coil wound around a porous component; however, Whitmore

discloses a vaporizing unit wherein a heater coil is wound around a porous component in the atomizer, and teaches a thread, string or strand-based wick (d) surrounded by a coiled heating element of filament (3) wherein the wick is always in contact with the heating element (3) and a portion of the wick is always in contact with a liquid medicament in a vaporizing vessel, so that the medicament will be carried by capillary action to a point where it will be vaporized by the heat from the filament (3) (see col. 1, lines 50 - col 2, line 8). It would have been obvious to one having ordinary skill in the art at the time of the invention to have incorporated such a heater coil/porous element atomizer arrangement into the nicotine dispenser of Voges/Gilbert because using a known technique of winding a heating coil around a porous wicking would be expected to provide another predictable means of vaporizing liquid material prior to inhalation (corresponding to the "with the atomizer including a heater coil wound around a porous component/fiber material" recitation of claims 2 and 11; the "where the porous component includes a fiber material" recitation of claim 3).

10. Claim 6 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Voges (US. Pat. No. 5,894,841) in view of Gilbert (US. Pat. No. 3,200,819), further in view of CN 2719043.

The dispenser of Voges/Gilbert fails to disclose a membrane located between the primary screw thread electrode and the sensor; however, the CN 2719043 reference discloses a ripple film (22) corresponding to the claimed "membrane." The ripple film (22) has a negative pressure cavity (8), and the sensor (6) connects with the ripple film (22) through a reed switch (19). When a smoker smokes, the mouthpiece (15) is under

negative pressure, the air pressure difference or high speed stream between the normal pressure cavity (5) and the negative pressure cavity (8) will cause the sensor (6) to output an actuating signal, the electronic circuit board (3) connected therewith goes into operation. Now the ripple film (22) in the sensor is deformed to take the second magnetic steel (21) away from the Reed switch (19), and the Reed switch (19) is then closed (i.e., K1 is closed) under the effect of the excessive magnetic line of force from the first magnetic steel 20, starting the field effect power transistor electronic switch (i.e., U1 is opened). It would have been obvious to one of ordinary skill in the art to combine the membrane of CN 2719043 between the primary screw thread and the sensor of Voges/Gilbert as doing so would be using a known technique of having a membrane in a device to improve the operation of the device (corresponding to the claimed "with the battery assembly including a membrane located between the primary screw thread electrode and the sensor").

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIONNE WALLS MAYES whose telephone number is (571)272-5836. The examiner can normally be reached on Tuesday and Thursday, 8:00A - 6:30P EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Crispino can be reached on 571-272-1226. 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.

/DIONNE WALLS MAYES/
Examiner, Art Unit 1747

Receipt date: 08/12/2014

13754521 - GAU: 1747

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SSS/08a (01-10)

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	Filing Date	2013-01-30
	First Named Inventor	Lik HON
	Art Unit	1747
	Examiner Name	Dionne Walls Mayes
	Attorney Docket Number	111971.8013.US01

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	Attorney Docket Number	111971.9013.US01

1	PRB OF THE STATE INTELLECTUAL PATENT OFFICE, Decision of Patent Invalidation Petition (No. 22179) issued in Chinese Patent Application No. 200620090805.0 (March 3, 2014).	<input checked="" type="checkbox"/>
2	STATE INTELLECTUAL PROPERTY OFFICE OF THE PEOPLE'S REPUBLIC OF CHINA, Examination Decision of the Patent Re-examination Board on the Invalidity Declaration Application re Chinese Patent Application No. 200620090805.0 (June 23, 2010).	<input checked="" type="checkbox"/>

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Examiner Signature	/Dionne Walls Mayes/	Date Considered	09/22/2015
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☐ See attached certification statement.

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

☒ A certification statement is not submitted herewith.

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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.16. Please see CFR 1.4(d) for the form of the signature.

Signature	/Kenneth H. Ohriner/	Date (YYYY-MM-DD)	2014-08-12
Name/Print	Kenneth H. Ohriner	Registration Number	31646

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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 inspections or an issued patent.
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	Filing Date	2013-01-30
	First Named Inventor	Lik Hon
	Art Unit	1791
	Examiner Name	D. W. Mayes
	Attorney Docket Number	763208013US1

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	1	3551643		1970-12-29	Pricenski et al.			
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	1	119666DA	CN	A	1996-11-20	Japan Tobacco	Cited in invalidation request as CN97190727.7	<input type="checkbox"/>
	2	2719043	CN	Y	2005-08-24	Lik HON	Cited in invalidation request as CN200420031182.0	<input type="checkbox"/>

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	1	CHEN, Zhiyong - English Translation of Claim Charts Accompanying Request to Invalidate CN Utility Model Patent No. 200620090805.0 (citing D1-200420031182.0 and D2-CN 97190727.7), June 6, 2013.	<input type="checkbox"/>	
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<small> 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. </small>				

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Signature	/Kenneth H. Ohriner/	Date (YYYY-MM-DD)	2013-06-19
Name/Print	Kenneth H. Ohriner	Registration Number	31646

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Receipt date: 08/28/2014

13754521 - GAU: 1747

Doc code: IDS

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Attorney Docket Number	111971.9013.US01

1	NJOY, INC. et al., Defendants' Joint Invalidity Contentions, Case No. CV-14-01645 etc., August 7, 2014.	<input checked="" type="checkbox"/>
2	NJOY, INC. et al., Attachment D to Defendant's Joint Invalidity Contentions - Claim Charts for Patent 8375957, August 7, 2014.	<input type="checkbox"/>

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Examiner Signature	/Dionne Walls Mayes/	Date Considered	09/22/2015
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Name/Print	Kenneth H. Ohriner	Registration Number	31646

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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.
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13754521 - GAU: 1747

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Doc description: Information Disclosure Statement (IDS) Filed

PTO/SS08a (01-10)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	13754521
	Filing Date	2013-01-30
	First Named Inventor	Lik Hon
	Art Unit	1747
	Examiner Name	Dionne Mayes Walls
	Attorney Docket Number	763208013US1

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	1	4947875		1990-06-14	Brooks			
	2	6156944		2012-04-17	Hon			
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	1	20110011396	A	2011-01-20	Xiaolin Fang	English counterpart of CN101606758 published 2009-12-23		
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	1	2054236	CN	U	1991-09-04		with English translation	<input type="checkbox"/>
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Application Number	13754521
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3	201067070	CN	Y	2008-06-04		D3 of request for invalidation of CN200920001296.3 (with English translation)	<input type="checkbox"/>
4	201079011	CN		2008-07-02	Hon	Challenged patent of request for invalidation of CN200720148285.9 (with English translation)	<input type="checkbox"/>
5	201379072	CN	Y	2010-01-13	Hon	Challenged patent of request for invalidation of CN200920001296.3 (with English translation)	<input type="checkbox"/>
6	201797997	CN	U	2011-04-20	Shenzhen Ruyan Biotechnology	Also published as CN201020546169.4, with English translation	<input type="checkbox"/>
7	202026802	CN	U	2011-11-09	Ruyan Biosciences International Co.	Also published as CN201120050555.9, with English translation	<input type="checkbox"/>
8	202026804	CN	U	2011-11-09	Ruyan Biosciences International Co.	Also published as CN201120066344.4, with English translation	<input type="checkbox"/>
9	2887086	CN	U	2007-04-11	Shanghong Wang	D1 of request for invalidation of CN200920001296.3	<input type="checkbox"/>

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	1	CB DISTRIBUTORS INC. and DR DISTRIBUTORS, LLC., Petition for Inter Parties Review of US Patent No. 8,156,944 and Exhibits 1-20, filed June 27, 2013.	<input type="checkbox"/>
	2	EUROPEAN PATENT OFFICE, Supplementary European Search Report and Search Opinion for EP 10740882.5, October 16, 2013. (Note counterpart US20090188490 of cited EP2018886 and counterpart US20090095311 of cited WO2007131449 are already of record. Counterpart US2011011396 of cited CN101606758 is listed above.)	<input type="checkbox"/>

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3	EUROPEAN PATENT OFFICE, Third Party Observation for EP Application No. 10740862, filed by Anonymous on October 3, 2013. (Note counterpart US5144962 of cited EP0430559 is already of record.)	<input type="checkbox"/>
4	IP AUSTRALIA, Patent Examination Report No. 1 for AU 2010213240, August 5, 2013. (Note counterpart US20090188490 of cited CN200966824 is already of record.)	<input type="checkbox"/>
5	PAN, Fenglin - Request for Invalidation of CN200720148285.9 in Chinese, along with English translation of same (citing D1 - CN2719043 and D2 CN2084236 (both listed above), filed June 19, 2013.	<input type="checkbox"/>
6	PAN, Fenglin - Request for Invalidation of CN200920001296.3 in Chinese, along with English translation of same (citing D1 - CN2867086Y (listed above), D2 - CN1040914A (counterpart US4947875 is listed above), and D3 - CN201067079Y (listed above), June 20, 2013.	<input type="checkbox"/>
7	STATE INTELLECTUAL PROPERTY OFFICE, P.R. CHINA, Office Action for CN201080016105.6, August 30, 2013, with English translation. (Note counterpart US20090188490 of cited CN200966824 and counterpart US5144962 of cited EP0430559 are already of record.)	<input type="checkbox"/>

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Examiner Signature	/Dionne Walls Mayes/	Date Considered	09/22/2015
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Art Unit	1747
Examiner Name	Dionne Mayes Walls
Attorney Docket Number	763208013US1

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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).

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☐ See attached certification statement.

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

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.16. Please see CFR 1.4(d) for the form of the signature.

Signature	/Kenneth H. Ohriner/	Date (YYYY-MM-DD)	2013-12-19
Name/Print	Kenneth H. Ohriner	Registration Number	31646

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.**

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		Application Number	13/754,521-Conf. #6079		
		Filing Date	January 30, 2013		
		First Named Inventor	Lik Hon		
		Art Unit	1747		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	14	Attorney Docket Number	763208013US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-20030108342	06-12-2003	Sherwood et al.	
		US-20040182403	09-23-2004	Andersson et al.	
		US-20040261802	12-30-2004	Griffin et al.	
		US-20050016550	01-27-2005	Katase	
		US-20050236006	10-27-2005	Cowan	
		US-20060196518	09-07-2006	Hon	
		US-20060276947	11-13-2006	Martzel	
		US-20060095311	04-16-2009	Han	
		US-20090151717	06-18-2009	Bowen et al.	
		US-20090188490	07-30-2009	Han	
		US-20090230117	09-17-2009	Fernando et al.	
		US-20090260642	10-22-2009	Monsees et al.	
		US-20090272379	11-05-2009	Thorens et al.	
		US-20100031968	02-11-2010	Sheikh et al.	
		US-20100126505	05-27-2010	Rinker	
		US-20100181387	07-22-2010	Zaffaroni et al.	
		US-20100200008	08-12-2010	Taieb	
		US-20100242974	09-30-2010	Pan	
		US-20100307518	12-09-2010	Wang	

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	**	CN-2047485-U CN89207339.X	11-15-1989	Yuzhong, Zhao		
	**	CN-1135860	11-20-1996	Du, Xu		
	**	CN-2293957-Y CN97216131	10-14-1998	Yuzhong, Zhao		
	**	CN-1252961-A	05-17-2000	Song, Guoqiang		
	**	CN-1575673-A CN200410048792.6 CN1284493C	02-09-2005	Seiko Epson Corp		
	**	CN-2777995-Y CN200520089947.0	05-10-2006	Li, Han		

Examiner Signature	/Dionne Walls Mayes/	Date Considered	09/23/2015
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			Application Number	13/754,521-Conf. #6079	
			Filing Date	January 30, 2013	
			First Named Inventor	Lik Hon	
			Att Unit	1747	
			Examiner Name	Not Yet Assigned	
Sheet	2	of	14	Attorney Docket Number	763208013US1

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		US-20110005535	01-13-2011	Xiu	
		US-20110036346	02-17-2011	Cohen et al.	
		US-1,775,947	09-16-1930	Robinson	
		US-2,057,353	10-13-1936	Whittemore	
		US-2,631,219	03-10-1953	Suchy	
		US-3,200,819	06-17-1965	Giberl	
		US-4,171,000	10-16-1979	Uhle	
		US-4,226,525	10-21-1980	Mendelovich	
		US-4,641,053	02-03-1987	Takeda	
		US-4,735,217	04-05-1988	Gerth et al.	
		US-4,756,318	07-12-1988	Clearman et al.	
		US-4,771,796	09-20-1988	Myer	
		US-4,819,665	04-11-1989	Roberts et al.	
		US-4,846,374	07-16-1989	Chard et al.	
		US-4,945,929	08-07-1990	Egilmez	
		US-4,945,931	08-07-1990	Gori	
		US-4,947,875	08-14-1990	Brooks et al.	
		US-5,042,470	08-27-1991	Kanesaka	
		US-5,060,671	10-29-1991	Counts et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
	**	CN101116542A CN20071121524	02-06-2008	Jing		
	**	CN-101176805-A	05-14-2008	Dafubao Internat Co Ltd		
	**	DE-10051792-A1	05-08-2002	Pueller, Rainer		
	**	EP-0057243-A1	08-11-1982	Niemann, Horst		
	**	EP-0230420-A1	09-05-1987	Nilsson Sven Erik Lennart et al.		
	**	EP-0295122-B1	12-14-1998	Imp Tobacco Co Ltd		

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		Number/Kind Code ³ (if known)			
		US-5,080,114	01-14-1992	Rudolph et al.	
		US-5,095,921	03-17-1992	Loose et al.	
		US-5,144,962	09-08-1992	Counts et al.	
		US-5,159,940	11-03-1992	Hayward et al.	
		US-5,190,060	03-02-1993	Gerding et al.	
		US-5,224,498	07-06-1993	Deevi et al.	
		US-5,249,586	10-05-1993	Morgan et al.	
		US-5,261,424	11-16-1993	Sprinkel, Jr.	
		US-5,285,798	02-15-1994	Banerjee et al.	
		US-5,322,075	06-21-1994	Deevi et al.	
		US-5,388,594	02-14-1995	Counts et al.	
		US-5,438,978	08-08-1995	Hardester, III	
		US-5,497,791	03-12-1996	Bowen et al.	
		US-5,505,214	04-09-1996	Collins et al.	
		US-5,591,368	01-07-1997	Fleischhauer et al.	
		US-5,666,977	09-16-1997	Higgins et al.	
		US-5,666,978	09-16-1997	Counts et al.	
		US-5,730,158	03-24-1998	Collins et al.	
		US-5,743,251	04-28-1998	Howell et al.	

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		Country Code ³ , Number ⁴ , Kind Code ⁵ (if known)				
	**	EP-0342538-A2	11-23-1989	Reynolds Tobacco Co R		
	**	EP-0358002-A2	03-14-1990	Reynolds Tobacco Co R		
	**	EP-0545186-A2	06-09-1993	Reynolds Tobacco Co R		
	**	EP-0703735-A1	04-03-1996	Philip Morris Prod		
	**	EP-0824927-A2	02-25-1998	Belli, Guido		
	**	EP-0845220-A1	06-03-1998	Japan Tobacco Inc		

Examiner Signature	/Dionne Walls Mayes/	Date Considered	09/23/2015
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.86(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IPW. ³ CITE NO.: Those document(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ⁴ Applicant's unique citation designation number (optional). ⁵ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁶ Enter Office that issued the document, by the two-letter code (WFO Standard ST.3). ⁷ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁸ Kind of document by the appropriate symbols as indicated on the document under WFO Standard ST.16 if possible. ⁹ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Complete if Known		
			Application Number	13/754,521-Conf. #6079	
			Filing Date	January 30, 2013	
			First Named Inventor	Lik Hon	
			Att Unit	1747	
			Examiner Name	Not Yet Assigned	
Sheet	4	of	14	Attorney Docket Number	763208013US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number/Kind Code ² (if known)			
		US-5,746,251	05-05-1998	Bullard	
		US-5,799,663	09-01-1998	Gross et al.	
		US-5,819,756	10-13-1998	Mielordt	
		US-5,878,752	03-09-1999	Adams et al.	
		US-5,894,841	04-20-1999	Voges	
		US-6,040,560	03-21-2000	Fleischhauer et al.	
		US-6,041,789	03-28-2000	Bankert et al.	
		US-6,095,153	08-01-2000	Kessler et al.	
		US-6,164,287	12-26-2000	White	
		US-6,178,969	01-30-2001	St. Charles	
		US-6,196,218	03-06-2001	Voges	
		US-6,354,293	03-12-2002	Madison	
		US-6,357,671	03-19-2002	Cowers	
		US-6,443,146	09-03-2002	Voges	
		US-6,532,969	03-18-2003	Abulimen et al.	
		US-6,601,776	08-05-2003	Ojaca et al.	
		US-6,715,494	04-06-2004	McCoy	
		US-6,772,756	08-10-2004	Shayan	
		US-6,803,545	10-12-2004	Blake et al.	
		US-6,810,883	11-02-2004	Feller et al.	

FOREIGN PATENT DOCUMENTS					
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
	**	EP-0893071-A1	01-27-1999	Japan Tobacco Inc.	
	**	EP-0951219-A1	10-27-1999	Philip Morris Prod.	
	**	GB-1526391-A	10-11-1978	Gildemeister V.	
	**	JP-64000498-U	01-05-1985	N/A	
	**	JP-06114105-A	04-26-1994	Iguchi, Masanobu	
	**	JP-07506999	08-31-1995	Medix Electronics	

Examiner Signature	/Dionne Wallis Mayes/	Date Considered	09/23/2015
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76320-8013.US01/LEGAL25046771.1

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				Application Number	13/754,521-Conf. #6079
				Filing Date	January 30, 2013
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	763208013US1
Sheet	5	of	14		

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if present)	MM-DD-YYYY		
	**	JP-09075058-A	03-25-1997	Nagai, Masaya	
	**	UA-47514	12-29-1997	Brown & Williamson Tobacco	
	**	WO-9409842-A1	05-11-1994	Rosen, Charles	
	**	WO-9421317-A1	09-29-1994	Xeltek Corp	
	**	WO-9740876-A2	11-06-1997	Von Schuckmann, Alfred	
	**	WO-9748293-A1	12-24-1997	Japan Tobacco Inc	

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				Attorney Docket Number	763208013US1
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**	WO-9817130-A1		04-30-1998	Philip Morris Prod		
**	WO-0049901-A2		08-31-2000	Reemtsma H F & Fh		
**	WO-0050111-A1		08-31-2000	Voges, Robert		
**	WO-0105459-A1		01-25-2001	Aradigm Corp		
**	WO-03034847-A1		05-01-2003	British American Tobacco Co		
**	WO-03022364-A1		03-20-2003	Marliff Corp Oy		

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Sheet	7	of	14		

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**		WO-03055486-A1	07-10-2003	Pharmacia Ab		
**		WO-03101454-A1	12-11-2003	Pharmacia Ab		
**		WO-04001407-A1	12-31-2003	Asthma Alert Ltd		
**		WO-2004023222	03-18-2004	Snyder		
**		WO-2004080216	09-23-2004	Best Partners Worldwide		
**		WO-2006082571	08-10-2006	Oglesby & Butler Research and Development Limited		

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Sheet	8	of	14		

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		Country Code ⁴ Number ⁵ Kind Code ⁶ (if known)	MM-DD-YYYY			
**		WO-2007078273	07-12-2007	Augite Incorporation		
**		WO-2008077271	07-03-2008	Maas		
**		WO-2008130813	10-30-2008	Sottera, Inc.		
**		WO-2009118085	10-01-2009	Philip Morris		
**		WO-2009135729	11-12-2009	British American Tobacco		
**		WO-2010052323	05-14-2010	Inhalencees B.V.		

Examiner Signature	/Dionne Wallis Mayes/	Date Considered	09/23/2015
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		Country Code ² Number ³ Kind Code ⁴ (if known)	MM-DD-YYYY		
	**	WO-2010145468	12-23-2010	Wenbo Li	
	**	WO-2010145805	12-23-2010	Zetzig AB	
	**	WO-2011010334	01-27-2011	RML S.R.L.	
	**	WO-2011022431	02-24-2011	Chong Corp.	

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	**	Australian Patent Office, Examination Report for SG 200505930-8, May 4, 2006.	
	**	Australian Patent Office, Exam Report for AU2004234199, Aug. 14, 2009.	
	**	Australian Patent Office, Search and Examination Report for SG200604496-6, Apr. 16, 2008.	
	**	Australian Patent Office, Singapore Examination Report for Singapore Patent Application No. 0604496-6 SG 200505930-8, May 13, 2008.	
	**	CN Creative ; INTELLICIG USA, Ruyan v. Smoking Everywhere et al. CV11-6268 Invalidity Contentions, Apr. 12, 2012.	
	**	Cyphert, GIL DBA NU1S, Ruyan v. Smoking Everywhere et al. CV11-0367 Invalidity Contentions, Apr. 11, 2012.	
	**	European Patent Office, extended European Search Report for EP 07721148, Dec. 6, 2010.	
	**	European Patent Office, extended European Search Report for EP 11001479, Jul. 4, 2011.	
	**	European Patent Office, Supplementary European Search Report for EP04718242, Jul. 27, 2007.	
	**	European Patent Office, Supplementary European Search Report for EP05729107, Jul. 31, 2007.	

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	**	European Patent Office, Supplementary Partial European Search Report for EP04718242, May 22, 2007.	
	**	European Patent Office, Supplementary Partial European Search Report for EP05729107, May 22, 2007.	
	**	FIN Branding Group, LLC, Request for Inter Partes Reexamination of U.S. Patent No. 8,156,944, filed Sep. 13, 2012.	
		FIN Branding Group, LLC, Submission of Prior Art and Miscellaneous Statement Pursuant to 378 C.F.R. §1.948, February 27, 2013.	
	**	Introduction to Selecting and Using Electronic Components, ISBN# 111-13352-2	
	**	IP Australia, Patent Examination Report No. 1 for AU2007250367, Jul. 30, 2012.	
	**	IP Australia, Patent Examination Report No. 1 for AU2007250368, Aug. 9, 2012.	
	**	Japanese Patent Office; Office Action for JP2006504199, Oct. 30, 2009.	
	**	Korean Patent Office; Notice of Preliminary Rejection for KR1020057009767, Jul. 27, 2009.	
	**	Macau Patent Office; Official Communication for MO121, Apr. 17, 2009.	
	**	Machine translation Chinese Patent Application 200420031182 which corresponds to the priority document of WO20051099494 (Hon '494) Oct. 27, 2005, cited by the Examiner in the Nov. 27, 2012 Office Action identified above.	

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	**	Machine translation of Chinese Patent Application 03111582.9 which corresponds to the priority document of WO2004/095955 (Hon '955) Nov. 11, 2004, cited by the Examiner in the Nov. 27, 2012 Office Action identified above.	
	**	Malaysia Intellectual Property Office; Examiner's Report for Malaysian Application No. PI 20041407, Sep. 28, 2007.	
	**	Manual for Electric Engineers, 2nd Edition, Mar. 2000.	
	**	Manual for Mechanical Designers, 4th Edition, Jan. 2002.	
	**	Materials Manual--Nonmetal, Jul. 1985.	
	**	Sottera, Inc., Ruyan v. Smoking Everywhere et al. CV11-0367 Invalidity Contentions, Apr. 12, 2012.	
	**	Sottera, Inc., Ruyan v. Smoking Everywhere et al. CV11-0367 Invalidity Contentions, Exhibit 7 (Claim 20 Claim Chart), Apr. 12, 2012.	
	**	Sottera, Inc., Ruyan v. Smoking Everywhere et al. CV11-0367 Invalidity Contentions, Exhibit 8 (Claim 24 Claim Chart), Apr. 12, 2012.	
	**	State Intellectual Property Office (China), English Translation of the Written Opinion for PCT/CN07/001575, Jul. 20, 2007.	
	**	State Intellectual Property Office (China), English Translation of the Written Opinion for PCT/CN07/001576, Aug. 3, 2007.	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	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, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	**	State Intellectual Property Office (China), International Search Report for International Application No. PCT/CN2004000182, Jun. 10, 2004.	
	**	State Intellectual Property Office (China), International Search Report for International Application No. PCT/CN2005/000337, Jul. 14, 2005.	
	**	State Intellectual Property Office (China), International Search Report for PCT/CN07/001575, Aug. 16, 2007.	
	**	State Intellectual Property Office (China), International Search Report for PCT/CN07/001576, Aug. 16, 2007.	
	**	State Intellectual Property Office International Search Report for PCT/CN10/073613, Aug. 26, 2010.	
	**	State Intellectual Property Office, International Search Report for PCT/CN10/000125, Apr. 1, 2010.	
	**	State Intellectual Property Office, Search Report for Utility Model Patent ZL 200620090805.0, Nov. 19, 2008.	
	**	Taiwan Intellectual Property Office, Official Letter for TW093111573, Apr. 24, 2009.	
	**	TechPowerUp, "What is a MOSFET, what does it look like, and how does it work?", http://www.techpowerup.com/articles/overclocking/voltmods/21 , dated May 24, 2004, printed from the internet of Jun. 4, 2011, 3 pages.	
	**	Ukrainian Patent Office, Examination Report for UA200511258, Feb. 4, 2009.	

Examiner Signature	/Dionne Walls Mayes/	Date Considered	09/23/2015
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² CITE NO.: Those document(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

³ Applicant's unique citation designation number (optional). ⁴ Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.W.M./

PTO/SI/086 (07-09)

Approved for use through 07/31/2012. OMB 0651-0034

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

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known			
		Application Number	13/754,521-Conf. #6079		
		Filing Date	January 30, 2013		
		First Named Inventor	Lik Hon		
		An Unit	1747		
		Examiner Name	Not Yet Assigned		
Sheet	14	of	14	Attorney Docket Number	763208013US1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	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, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	**	United States Patent and Trademark Office, Office Action in Inter Parties Reexamination of U.S. Patent No. 6,156,944, mailed Nov. 27, 2012.	

Examiner Signature	/Dionne Walls Mayes/	Date Considered	09/23/2015
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² CITE NO.: Those document(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.W.M./

Electronic Acknowledgement Receipt	
EFS ID:	23674598
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/John Mulhern
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	02-OCT-2015
Filing Date:	22-MAY-2015
Time Stamp:	12:17:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		2015-10-02_IDS_ASFILED_111971-8013US03.pdf	351029 c12d643e51445b01298e20de8f02133379eb1683	yes	21

	Multipart Description/PDF files in .zip description								
	Document Description		Start	End					
	Transmittal Letter		1	1					
	Information Disclosure Statement (IDS) Form (SB08)		2	21					
Warnings:									
Information:									
2	Other Reference-Patent/App/Search documents	US13754521_OA_2015-09-25.pdf	14316763 <small>8ab1c6a59b20a32783d62f45e9cc7507102b7853</small>	no	42				
Warnings:									
Information:									
Total Files Size (in bytes):			14667792						
<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 Patent Application of:
Hon, Lik

Application No.: 14/720,288

Confirmation No.: 9103

Filed: May 22, 2015

Art Unit: 1747

For: ELECTRONIC CIGARETTE

Examiner: Dionne Walls Mayes

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

The references listed on the enclosed Form PTO-SB/08 may be material to the examination of this application. A copy of non-patent literature citation C155 is included. Copies of the remaining cited non-patent literature references and the foreign references are **not** included, because they were previously cited by or submitted to the Office in prior application number 13/754,521, filed January 30, 2013, and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

This application is in the same family as the applications issued as US Patent No. 8,375,957 and US Patent No. 8,863,752. The claims pending in this application include certain elements in common with US Patent Nos. 8,375,957 and 8,863,752.

Dated: September 30, 2015

Respectfully submitted,

By: /KennethHOhriner /
Kenneth H. Ohriner
Registration No.: 31,646
PERKINS COIE LLP
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Seattle, Washington 98111-1247
(310) 788-9900
(206) 359-9000 (Fax)
Attorney for Applicant

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.

使用申请信息表 (37 CFR 1.76) 申请实用专利或设计专利的声明 (37 CFR 1.63)
**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION
DATA SHEET (37 CFR 1.76)**

发明名称 Title of Invention	ELECTRONIC CIGARETTE
--	-----------------------------

作为下方署名的发明人, 本人兹此声明:
As the below named inventor, I hereby declare that:

本声明指:
This declaration is directed to: ☐ 随附的申请, 或
The attached application, or

☒ 美国申请号码或 PCT 国际申请号码 _____ 备案于 _____
United States application or PCT international application number 14/720,288 filed on 05/22/2015

上述申请由本人提交或授权提交。
The above-identified application was made or authorized to be made by me.

本人相信, 本人是该申请中所主张发明的原发明人或原联合发明人。
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

本人兹此承认, 此声明中若有任何故意的虚假陈述, 本人将根据 18 U.S.C. 1001 的规定被处以罚款或五 (5) 年以下有期徒刑, 或者两罚并施。
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

警告:
WARNING:

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Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

发明人依法登记的姓名
LEGAL NAME OF INVENTOR

发明人: _____ 日期 (选填): _____
Inventor: Lik Hon Date (Optional): 2015.8.6

签名: _____
Signature: Lik Hon

注意: 此表格必须随附包含整个发明实体命名的申请信息表 (PTO/AIA/14 或同等信息表), 或者此信息表必须先前已被提交。其他每名发明人均需使用一份 PTO/AIA/01 信息表。
Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

隐私法案声明

1974 年隐私法案 (P.L. 93-579) 规定，应向您提供某些信息，这些信息涉及您提交与专利申请或专利相关的附属表格。因此根据本法案的要求，兹告知：(1) 根据 35 U.S.C. 2(b)(2) 授予收集这些信息的一般授权；(2) 自愿提供所请求的信息；及 (3) 美国专利与商标局使用这些信息的主要目的是处理及/或审查与专利申请或专利相关的提交材料。如果您不提供所需的信息，美国专利与商标局可能无法处理及/或审查您的提交材料，从而导致申请程序终止或放弃申请或专利到期。

您在本表格中提供的信息将进行以下的常规使用：

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3. 在常规使用中，如果某位国会议员提出了一项请求并且该请求涉及与本记录系统中的记录有关的个人，而这个人曾经就该条记录的主题向该国会议员请求帮助，那么这条记录可能向该国会议员披露。
4. 在常规使用中，如果本机构的某位承包商为履行合约而需要获得信息时，那么本记录系统中的某条记录可能会向该承包商披露。信息接收者应遵守 1974 年隐私法案（已根据 5 U.S.C. 552a(m) 的规定进行了修订）的要求。
5. 在常规使用中，根据专利合作条约的规定，本记录系统中根据专利合作条约备案的某份国际申请的记录可能会向世界知识产权组织国际局披露。
6. 在常规使用中，出于国家安全审查 (35 U.S.C. 181) 和根据原子能法案 (42 U.S.C. 218(c)) 进行审查的目的，本记录系统中的某条记录可能会向另一个联邦机构披露。
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8. 在常规使用中，根据 35 U.S.C. 122(b) 公布专利申请之后或根据 35 U.S.C. 151 的规定签发专利之后，可能向公众披露本记录系统中的某条记录。而且在常规使用中，如果在某项申请中备案的记录被弃用，或申请流程被终止，而且某份已公布的申请、某份供公众检查的申请或已签发的专利引用了该申请，那么可能会向公众披露某条记录，但受到 37 CFR 1.14 的限制。
9. 在常规使用中，如果 USPTO 意识到会违反或可能违反法律或规定，则可能会向联邦、州或当地执法部门披露本记录系统中的某条记录。

Electronic Acknowledgement Receipt	
EFS ID:	23683243
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Michael Williams
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	02-OCT-2015
Filing Date:	22-MAY-2015
Time Stamp:	18:49:29
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	Executed_Declaration_14720288.pdf	934162 a4b9c38fe83b36cf16986eb7429273b30f61406d	no	2

Warnings:

Information:

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Lik HON

Confirmation No.: 9103

Application No.: 14/720,288

Art Unit: 1747

Filed: May 22, 2015

Examiner: Dionne Walls Mayes

For: **ELECTRONIC CIGARETTE**

NOTICE OF DECISION DENYING INSTITUTION OF INTER PARTES REVIEW

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

This Application is a continuation of 13/915,427 which is a continuation of 12/226,819 which issued as US Patent No. 8,375,957. The claims in the present Application include elements common to the claims in US Patent No. 8,375,957. IPR2015-00098 requested cancellation of claims 1–4, 6–18, and 21–24 in US Patent No. 8,375,957 as obvious over:

Ground 1: China Patent CN 2719043 (which is equivalent to U.S. Publication 2007/0267031 (“Hon ‘031”)) in view of U.S. Patent No. 3,200,819 (“Gilbert”), U.S. Patent No. 5,894,841 (“Voges”), and U.S. Patent No. 2,057,353 (“Whittemore”).

Ground 2: Hon ‘031 in view of Gilbert and Whittemore.

Ground 3: The same as Ground 2 plus "What is a MOSFET, what does it look like, and how does it work?" (“TechPowerUp”).

Ground 4: The same as Ground 2 plus EP 0533599A1 (“Connors”).

In a May 11, 2015 Decision, the Patent Trial and Appeal Board determined that the information presented in the Petition did not establish a reasonable likelihood that Petitioner would prevail with respect to at least one of claims 1–4, 6–18, and 21–24 of the '957 patent based on the asserted grounds of unpatentability, denied the Petition and declined to institute an *inter partes* review.

Dated: October 7, 2015

Respectfully submitted,

By: /KennethHOhriner/
Kenneth H. Ohriner
Registration No.: 31,646
PERKINS COIE LLP
P.O. Box 1247
Seattle, Washington 98111-1247
(310) 788-9900
(206) 359-7198 (Fax)
Attorney for Applicant

Electronic Acknowledgement Receipt	
EFS ID:	23715999
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Debbie Gilbert
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	07-OCT-2015
Filing Date:	22-MAY-2015
Time Stamp:	13:14:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Notice of concurrent proceedings / decisions	8013US03_Notice.pdf	97004	no	2
			3b9c958a307f3389a0a52a330f1fb95274273539		

Warnings:

Information:

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: LIK HON
APPLICATION No.: 14/720,288
FILED: MAY 22, 2015
FOR: **ELECTRONIC CIGARETTE**

EXAMINER: NGUYEN, PHU HOANG
ART UNIT: 1747
CONF.: 9103

STATEMENT OF RELATED APPLICATIONS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Applicant advises that the following may be material to the examination of the present Application. The U.S. applications or U.S. patents identified below claim priority to PCT/CN2007/001576 and include certain elements in common with the claims of the present application.

1. In 12/226,819, now U.S. Patent No. 8,375,957, Examiner Mayes rejected claims over CN 2719043 (the Family 3 Application listed in the attached IPR summary) in view of NPL TechPowerUp Internet Webpage and Paterno U.S. Patent Application 20080257367, with U.S. Pat. App. 2006/01965518 (the Family 2 Application listed in the attached IPR summary) and Katase U.S. Patent No. 7,131,599 considered to be pertinent.

Certificate of Electronic Filing

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being electronically filed with the U.S. Patent and Trademark Office on the date entered below.

December 30, 2015
Date of Electronic Submission

/DebbieGilbert/
Debbie Gilbert

111971-8013.US03/129166765.1

In IPR2015-00098 directed to U.S. Patent No. 8,375,957, a Petition was filed relying on CN 2719043 (Family 3), Gilbert U.S. Patent No. 3,200,819; Voges U.S. Patent No. 5,894,841; Whittemore U.S. Patent No. 2,057,353, Connors EP 0533499, and NPL Tech Power Up. The PTAB denied this Petition and did not institute inter partes review after determining that the Petitioner had not established a reasonable likelihood that Petitioner would prevail with respect to any challenged claim.

In IPR2015-01513 directed to U.S. Patent No. 8,375,957 a Petition was filed relying on four primary references: Canadian Patent Application No. 2752134 (Family 2), Cox U.S. Pat. No. 6,234,167; Susa EP 0 845 220 A1, and Counts U.S. Pat. No. 5,060,671, and also based upon six secondary references: Takeuchi U.S. Pat. No. 6,155,268; Pienemann WO 2000/28843 A1, CN 2719043 (Family 3), Counts U.S. Patent No. 5,060,671, Whittemore U.S. Pat. No. 2,057,353 and McRae U.S. Pat. Publ. No. 2003/0033055 A1. This proceeding was terminated 12/14/2015 in view of settlement.

2. In 13/754,521 Examiner Mayes rejected claims for obviousness-type double patenting over U.S. Patent No. 8,375,957, and as obvious over Voges U.S. Patent No. 5,894,841 in view of Gilbert U.S. Patent No. 3,200,819.

3. In 13/915,427, now U.S. Patent No. 8,863,752, Examiner Mayes rejected claims for double patenting over Hon U.S. Patent No. 8,375,957 and over application No. 13/754,521, and as anticipated by Whittemore, Jr., U.S. Patent No. 2,057,353.

In IPR2015-01301 directed to U.S. Patent No. 8,863,752, a Petition was relying on Canadian Patent Application No. 2,752,134 (Family 2), Gilbert U.S. Patent No. 3,200,819, and Takeuchi U.S. Pat. No. 6,155,268. The PTAB denied this Petition and

did not institute inter partes review after determining that the Petitioner had not established a reasonable likelihood of prevailing with respect to the unpatentability of any claim.

In IPR2015-01604 directed to U.S. Patent No. 8,863,752, a Petition was filed relying on two primary references: Canadian Pat. App. No. 2752134 (Family 2) and Susa EP 0 845 220 A1, and also based upon two secondary references: Pienemann WO 2000/28843 A1 and Takeuchi U.S. Patent. No. 6,155,268. This proceeding was terminated 12/14/2015 in view of settlement.

4. US Application Nos. 14/723,209 and 14/723,244 are pending and not yet examined.

As discussed during the December 1, 2015 Examiner Interview in 14/328,561 with Examiners Mayes and Michael H. Wilson, this paper refers to the examination of applications claiming priority to PCT/CN2007/001576, and not to the examination of other applications by the inventor and directed to electronic cigarettes as listed in the attached IPR Summary.

Dated: December 30, 2015

Respectfully submitted,

Customer No. 34055
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PERKINS COIE LLP

By: /KennethHOhriner/
Kenneth H. Ohriner
Reg. No. 31,646

IPR Summary

Challenged Patent Family	Case Number Perkins Ref.	Petitioner Opposing Counsel	IPR Filed/ Served	Mandatory Notices (+21 days from service)	Notice of Filing Date Mailed	Preliminary Response (+3 months from date of Notice of Filing Date)	Institution Decision & Scheduling Order
8156944 4A	IPR2013-00387 111971-0010	CBDR	6/27/2013	Due 7/18/2013 Filed 7/17/2013	7/2/2013	Due 10/2/2013 Not filed	12/30/2013
8393331 3	IPR2014-01289 111971-0012	NJOY Ropes & Gray	8/14/2014	Due 9/4/2014 Filed 9/4/2014	8/20/2014	Due 11/20/2014 Filed 11/20/2014	2/19/2015 Terminated by Settlement 11/24/2015
8490628 3	IPR2014-01300 111971-0013	NJOY Ropes & Gray	8/15/2014	Due 9/5/2014 Filed 9/4/2014	8/20/2014	Due 11/20/2014 Filed 11/20/2014	2/19/2015 Terminated by Settlement 11/24/2015
8689805 6	IPR2014-01529 111971-0015	CBDR - Morrison Foerster NJOY - Ropes & Gray	9/22/2014	Due 10/13/2014 Filed 10/13/2014	10/8/2014	Due 1/8/2015 Filed 1/8/2015	3/12/2015 Terminated by Settlement 12/7/2015
8375957 4B	IPR2015-00098 111971-0016	Logic	10/21/2014	Due 11/11/2014 Filed 11/11/2014	11/18/2014	Due 2/18/2015 Filed 2/18/2015	5/11/2015 (NOT INSTITUTED)
8365742 4A	IPR2015-00859 111971-0017	VMB Feldman Gale	3/10/2015	Due 3/31/2015 Filed 3/31/2015	3/20/2015	Due 6/20/2015 Filed 6/22/2015	9/16/2015 (NOT INSTITUTED)

8689805 6	IPR2015-01077 111971-0018	NUOY Ropes & Gray	4/10/2015	Due 5/1/2015 Filed 5/1/2015	4/17/2015	Waived	Joined with IPR2014-01529
8863752 4B	IPR2015-01301 111971-0020	NUOY + 4 Wolf Greenfield	5/29/2015	Due 6/19/2015 Filed 6/19/2015	6/11/2015	Due 9/11/2015 Filed 9/11/2015	12/8/2015 (NOT INSTITUTED)
8893726 3	IPR2015-01302 111971-0019	NUOY + 4 Wolf Greenfield	5/29/2015	Due 6/19/2015 Filed 6/19/2015	6/11/2015	Due 9/11/2015 Filed 9/11/2015	12/9/2015 (NOT INSTITUTED)
8910641 2	IPR2015-01299 111971-0021	NUOY + 4 Wolf Greenfield	5/29/2015	Due 6/19/2015 Filed 6/19/2015	6/12/2015	Due 9/14/2015 (9/12/15=Sat) Filed 9/14/2015	12/8/2015 (NOT INSTITUTED)
8899239 2	IPR2015-01304 111971-0022	NUOY + 4 Wolf Greenfield	5/29/2015	Due 6/19/2015 Filed 6/19/2015	6/15/2015	Due 9/15/2015 Filed 9/15/2015	12/9/2015 (NOT INSTITUTED)
8375957 4B	IPR2015-01513 111971-0023	JTI Norton Rose	6/26/2015	Due 7/17/2015 Filed 7/17/2015	7/20/2015	Due 10/20/2015 Filed 10/20/2015	Terminated by Settlement 12/14/2015
8863752 4B	IPR2015-01604 111971-0028	JTI Norton Rose	7/20/2015	Due 8/10/2015 Filed 8/7/2015	7/29/2015	Due 10/29/2015 Filed 10/29/2015	Terminated by Settlement 12/14/2015
8365742 4A	IPR2015-01587 111971-0026	JTI Norton Rose	7/14/2015	Due 8/4/2015 Filed 8/4/2015	7/31/2015	Due 11/2/2015 (10/31/15=Sat) Filed 11/2/2015	Terminated by Settlement 12/14/2015
8689805 6	IPR2015-01578 111971-0027	JTI Norton Rose	7/15/2015	Due 8/5/2015 Filed 8/5/2015	8/3/2015	Due 11/3/2015 Filed 11/3/2015	Terminated by Settlement 12/14/2015

Electronic Acknowledgement Receipt	
EFS ID:	24494159
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Debbie Gilbert
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	30-DEC-2015
Filing Date:	22-MAY-2015
Time Stamp:	15:37:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	8013US03_Statement.pdf	110964 9f669ef4ee380388283cbc876670b0650eb72971	no	5

Warnings:

Information:

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.

Doc Code: DIST.E.FILE Document Description: Electronic Terminal Disclaimer - Filed		PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce
Electronic Petition Request	TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT	
Application Number	14720288	
Filing Date	22-May-2015	
First Named Inventor	Lik Hon	
Attorney Docket Number	111971-8013.US03	
Title of Invention	ELECTRONIC CIGARETTE	
<input checked="" type="checkbox"/> Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action <input checked="" type="checkbox"/> This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.		
Owner	Percent Interest	
FONTM HOLDINGS 1 B.V.	100%	
<p>The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)</p> <p>8375957 8863752</p> <p>as the term of said prior patent is presently shortened by any terminal disclaimer. 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 the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.</p> <p>In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:</p> <ul style="list-style-type: none"> - 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 manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer. 		

<input checked="" type="radio"/> Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request. <input type="radio"/> I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.	
Applicant claims the following fee status: <input type="radio"/> Small Entity <input type="radio"/> Micro Entity <input checked="" type="radio"/> Regular Undiscounted	
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.	
<p>THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES</p> <p>I certify, in accordance with 37 CFR 1.4(d)(4) that I am:</p> <input checked="" type="radio"/> An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application Registration Number <u> 31646 </u> <input type="radio"/> A sole inventor <input type="radio"/> A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application <input type="radio"/> A joint inventor; all of whom are signing this request	
Signature	/KennethHOhriner/
Name	Kenneth H. Ohriner

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
 Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal				
Application Number:		14720288		
Filing Date:		22-May-2015		
Title of Invention:		ELECTRONIC CIGARETTE		
First Named Inventor/Applicant Name:		Lik Hon		
Filer:		Kenneth H. Ohriner/Debbie Gilbert		
Attorney Docket Number:		111971-8013.US03		
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Statutory or Terminal Disclaimer	1814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 14720288

Filing Date: 22-May-2015

Applicant/Patent under Reexamination: Hon et al.

Electronic Terminal Disclaimer filed on December 31, 2015

☒ APPROVED

This patent is subject to a terminal disclaimer

☐ DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt	
EFS ID:	24501728
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Debbie Gilbert
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	31-DEC-2015
Filing Date:	22-MAY-2015
Time Stamp:	11:16:58
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	266
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Electronic Terminal Disclaimer-Filed	eTerminal-Disclaimer.pdf	33503 73bbba21fb68d5f38e5583a34b0ab26a7128857a	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30435 3cee990f7d5f3e91a382854aba04c55a97debf	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			63938		
<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>					

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-15)

Approved for use through 07/31/2016. OMB 0651-0031

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

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	14720288
	Filing Date	2015-05-22
	First Named Inventor	Lik HON
	Art Unit	1747
	Examiner Name	Nguyen, Phu Hoang
	Attorney Docket Number	111971-8013.US03

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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		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14720288
	Filing Date		2015-05-22
	First Named Inventor	Lik HON	
	Art Unit	1747	
	Examiner Name	Nguyen, Phu Hoang	
	Attorney Docket Number	111971-8013.US03	

1	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Memorandum of Points and Authorities in Support of Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
2	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Declaration of Brent K. Yamashita in Support of Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
3	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 1 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
4	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 2 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
5	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 3 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
6	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 4 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
7	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 5 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
8	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Reply Brief in Support of Defendants' Motion for Leave to Amend Invalidity Contentions dated 07/13/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
9	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s production documents VLACHOS 0000061-72; Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.

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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	14720288
	Filing Date	2015-05-22
	First Named Inventor	Lik HON
	Art Unit	1747
	Examiner Name	Nguyen, Phu Hoang
	Attorney Docket Number	111971-8013.US03

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		14720288
	Filing Date		2015-05-22
	First Named Inventor	Lik HON	
	Art Unit	1747	
	Examiner Name	Nguyen, Phu Hoang	
	Attorney Docket Number	111971-8013.US03	

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.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

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	/KennethHOhriner/	Date (YYYY-MM-DD)	2016-01-06
Name/Print	Kenneth H. Ohriner	Registration Number	31646

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.**

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 the Freedom of Information Act requires disclosure of these records.
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 inspections 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.

Electronic Acknowledgement Receipt	
EFS ID:	24542858
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Debbie Gilbert
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	06-JAN-2016
Filing Date:	22-MAY-2015
Time Stamp:	14:33:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	8013US03_Transmittal.pdf	65219 <small>62c0b187cd13f90dfc71e007d205a5a3055 2ad04</small>	no	1

Warnings:

Information:

2	Information Disclosure Statement (IDS) Form (SB08)	8013US03_updated_IDS.pdf	1035500 163ec532f4c31bbe6d4f2ebfd9c498893e3d54e8	no	5
Warnings:					
Information:					
A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.					
3	Non Patent Literature	NPL1.pdf	3361506 68e3f6a6421ff760a639b4cf820da8760e344185	no	17
Warnings:					
Information:					
4	Non Patent Literature	NPL2.pdf	1020718 3cc7ef3e97c4e7efb0427d9c8c88a5c8ddb5a58c	no	5
Warnings:					
Information:					
5	Non Patent Literature	NPL3.pdf	234852 6412b4a683b6821aaa7b4eefa9e0e8446a9c1a19	no	3
Warnings:					
Information:					
6	Non Patent Literature	NPL4.pdf	281015 fea91fca0c710ceb9141744474c4190ed70b3ed9	no	3
Warnings:					
Information:					
7	Non Patent Literature	NPL5.pdf	289520 188e5006366d044bc71649af7edb66407859c73c	no	3
Warnings:					
Information:					
8	Non Patent Literature	NPL6.pdf	240569 848aa9749472a4191587553501b5a7d49b7bd982	no	2
Warnings:					
Information:					
9	Non Patent Literature	NPL7.pdf	5781192 bbaca82c0b48f7a7c7df4b5d751782120ff5cb3	no	65
Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					

Information:					
10	Non Patent Literature	NPL8.pdf	2899413	no	16
			5db3924be3c512bccfa4a7d4e73b55d8e2274cac		
Warnings:					
Information:					
11	Non Patent Literature	NPL9.pdf	2006006	no	12
			00ebc04a7915d9f761b409b632dacb3a19460de0		
Warnings:					
Information:					
Total Files Size (in bytes):			17215510		
<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: LIK HON
APPLICATION No.: 14/720,288
FILED: MAY 22, 2015
FOR: **ELECTRONIC CIGARETTE**

EXAMINER: NGUYEN, PHU HOANG
ART UNIT: 1747
CONF.: 9103

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

This Application and U.S. Patent Nos. 8,375,957 and 8,863,752 claim priority to PCT/CN2007/001576. U.S. Patent Nos. 8,375,957 and 8,863,752 are asserted in CV-14-01645GW (MRW) pending in the U.S. District Court for the Central District of California. In CV-14-01645GW (MRW) defendants filed a Motion For Leave To Amend Invalidity Contentions, to assert invalidity of claims in U.S. Patent Nos. 8,375,957 and 8,863,752 on the basis of alleged prior inventor Stephane Vlachos. Defendants' Motion and supporting papers, and related materials, are listed in the attached PTO/SB/08a.

Dated: January 6, 2016

Respectfully submitted,

Customer No. 34055
Perkins Coie LLP
Patent - LA
P. Box 1247
Seattle, WA 98111-1247
Phone: (310) 788-3267
Fax: (206) 332-7198
Email: KOhriner@perkinscoie.com

PERKINS COIE LLP

By: /KennethHOhriner/
Kenneth H. Ohriner
Reg. No. 31,646

Certificate of Electronic Filing

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being electronically filed with the U.S. Patent and Trademark Office on the date entered below.

January 6, 2016
Date of Electronic Submission

/DebbieGilbert/
Debbie Gilbert

111971-8013.US03/129265343.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: LIK HON
APPLICATION No.: 14/720,288
FILED: MAY 22, 2015
FOR: **ELECTRONIC CIGARETTE**

EXAMINER: NGUYEN, PHU HOANG
ART UNIT: 1747
CONF.: 9103

**EXAMINER INTERVIEW SUMMARY AND SUPPLEMENTAL
STATEMENT OF RELATED APPLICATIONS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In a December 30, 2015 Examiner-initiated telephone interview, Examiner Nguyen raised an obviousness-type double patenting issue over US Patent Nos. 8,375,957 and 8,863,752. The undersigned attorney agreed to file a terminal disclaimer disclaiming over these patents and advised that the present Application and pending Application Nos. 13/754,521; 14/723,209 and 14/723,244 each claim priority to PCT/CN2007/001576.

Supplemental to paragraph 2 of the Statement of Related Applications filed 12/30/2015 Applicant advises that in 13/754,521 Examiner Mayes also rejected claims as obvious over Voges with Gilbert and Whittemore U.S. Patent No. 2,057,353; and as obvious over Voges with Gilbert and CN 2719043 (Family 3). The IPR Petitions

Certificate of Electronic Filing

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being electronically filed with the U.S. Patent and Trademark Office on the date entered below.

January 7, 2016
Date of Electronic Submission

/DebbieGilbert/
Debbie Gilbert

111971-8013.US03/129297878.1

discussed in the Statement of Related Applications filed 12/30/2015 are included in the Information Disclosure Statement filed 10/02/2015.

Supplemental to paragraph 4 of the Statement of Related Applications filed 12/30/2015 Applicant advises that in US Application No. 14/723,244, in a January 5, 2016 telephone interview, Examiner Nguyen raised an obviousness-type double patenting issue over US Patent Nos. 8,375,957 and 8,863,752 and over 14/720,288 and 14/723,209; and in US Application Nos. 14/723,209, in a January 5, 2016 telephone interview, Examiner Nguyen raised an obviousness-type double patenting issue over US Patent Nos. 8,375,957 and 8,863,752 and over 14/720,288 and 14/723,244.

Dated: January 7, 2016

Respectfully submitted,

Customer No. 34055
Perkins Coie LLP
Patent - LA
P. Box 1247
Seattle, WA 98111-1247
Phone: (310) 788-3267
Fax: (206) 332-7198
Email: KOhriner@perkinscoie.com

PERKINS COIE LLP

By: /KennethHOhriner/
Kenneth H. Ohriner
Reg. No. 31,646

Electronic Acknowledgement Receipt	
EFS ID:	24563251
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Debbie g
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	07-JAN-2016
Filing Date:	22-MAY-2015
Time Stamp:	18:33:16
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	8013US03_Document.pdf	71692 9faf1147abca0ece1dc86ec034640687631348fa	no	2

Warnings:

Information:

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.



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

34055 7590 01/20/2016
PERKINS COIE LLP - LOS General
POST OFFICE BOX 1247
SEATTLE, WA 98111-1247

EXAMINER

NGUYEN, PHU HOANG

ART UNIT

PAPER NUMBER

1747

DATE MAILED: 01/20/2016

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/720,288	05/22/2015	Lik Hon	111971-8013.US03	9103

TITLE OF INVENTION: ELECTRONIC CIGARETTE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	04/20/2016

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** **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)

34055 7590 01/20/2016
PERKINS COIE LLP - LOS General
POST OFFICE BOX 1247
SEATTLE, WA 98111-1247

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.
14/720,288	05/22/2015	Lik Hon	111971-8013.US03	9103

TITLE OF INVENTION: ELECTRONIC CIGARETTE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	04/20/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, PHU HOANG	1747	131-329000

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 credits 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 forms 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: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



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.
14/720,288	05/22/2015	Lik Hon	111971-8013.US03	9103
34055	7590	01/20/2016	EXAMINER	
PERKINS COIE LLP - LOS General			NGUYEN, PHU HOANG	
POST OFFICE BOX 1247			ART UNIT	PAPER NUMBER
SEATTLE, WA 98111-1247			1747	

DATE MAILED: 01/20/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

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.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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.

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. 14/720,288	Applicant(s) HON, LIK	
	Examiner PHU NGUYEN	Art Unit 1747	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 5/22/2015.
☐ 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 1-24. 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)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

/PHU NGUYEN/
Examiner, Art Unit 1747

/MICHAEL H WILSON/
Supervisory Patent Examiner, Art Unit 1747

The present application is being examined under the pre-AIA first to invent provisions.

Allowable Subject Matter

Claims 1-24 are allowed.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: Terminal Disclaimer filed 12/31/2015 was approved. The closest prior arts of Voges (U.S Patent No. 5894481) does not expressly disclose the configuration of the claimed invention wherein the atomizer including a heater wire wound on a part of the porous body which is perpendicular to a longitudinal axis of the tubular atomizer assembly. Therefore, the claimed invention is condition for allowance.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHU NGUYEN whose telephone number is (571)272-5931. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Wilson can be reached on 571-270-3882. 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.


/PHU NGUYEN/
Examiner, Art Unit 1747

/MICHAEL H WILSON/
Supervisory Patent Examiner, Art Unit 1747

<i>Index of Claims</i> 	Application/Control No. 14720288	Applicant(s)/Patent Under Reexamination HON, LIK
	Examiner PHU NGUYEN	Art Unit 1747

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47										
CLAIM		DATE								
Final	Original	01/01/2016								
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	24	=								

Search Notes 	Application/Control No. 14720288	Applicant(s)/Patent Under Reexamination HON, LIK
	Examiner PHU NGUYEN	Art Unit 1747

CPC- SEARCHED		
Symbol	Date	Examiner


CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
See East Search History	1/1/2016	P.N

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
	See East Search History	1/1/2016	P.N


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Issue Classification 	Application/Control No. 14720288	Applicant(s)/Patent Under Reexamination HON, LIK	
	Examiner PHU NGUYEN	Art Unit 1747	

CPC						
Symbol					Type	Version
A24F		47		008	F	2013-01-01
A24F		47		002	I	2013-01-01
A24F		47		004	I	2013-01-01
H05B		1		0297	I	2013-01-01
H05B		3		06	I	2013-01-01
H05B		3		42	I	2013-01-01
F22B		1		284	I	2013-01-01
H01M		2		1055	I	2013-01-01
H01M		10		425	I	2013-01-01
H01M		10		46	I	2013-01-01
H02J		7		0042	I	2013-01-01
H02J		7		0052	I	2013-01-01
H05B		1		0244	I	2013-01-01


CPC Combination Sets						
Symbol			Type	Set	Ranking	Version

/PHU NGUYEN/ Examiner.Art Unit 1747 (Assistant Examiner)	1/1/2016 (Date)	Total Claims Allowed: 24	
/MICHAEL H WILSON/ Supervisory Patent Examiner.Art Unit 1747 (Primary Examiner)	01/08/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 14720288	Applicant(s)/Patent Under Reexamination HON, LIK
	Examiner PHU NGUYEN	Art Unit 1747

US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION														
CLASS			SUBCLASS			CLAIMED					NON-CLAIMED									
131			329			A	2	4	F	25 / 00 (2006.0)										
CROSS REFERENCE(S)																				
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			
131	194	270																		
128	202.21																			

/PHU NGUYEN/ Examiner.Art Unit 1747 (Assistant Examiner)	1/1/2016 (Date)	Total Claims Allowed: 24	
/MICHAEL H WILSON/ Supervisory Patent Examiner.Art Unit 1747 (Primary Examiner)	01/08/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 14720288	Applicant(s)/Patent Under Reexamination HON, LIK
	Examiner PHU NGUYEN	Art Unit 1747

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
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	2		18												
	3		19												
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/PHU NGUYEN/ Examiner.Art Unit 1747 (Assistant Examiner)	1/1/2016 (Date)	Total Claims Allowed: 24	
/MICHAEL H WILSON/ Supervisory Patent Examiner.Art Unit 1747 (Primary Examiner)	01/08/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	14/720,288 – Conf. # 9103
				Filing Date	May 22, 2015
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	1	of	20	Attorney Docket Number	111971-8013.US03

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US0705919	7/29/1902	Gill	
	A2	US2057353	10/13/1936	Whittemore	
	A3	US3200819	8/17/1965	Gilbert	
	A4	US4945929	8/7/1990	Egilmex	
	A5	US4945929A	8/17/1990	British-American Tobacco	
	A6	US5894841	4/20/1999	Voges	
	A7	US6196218	3/6/2001	Voges	
	A8	US6601776	8/5/2003	Oljaca	
	A9	US6715494B1	4/6/2004	McCoy	
	A10	US8156944	4/17/2012	Hon	
	A11	US20050016550	1/1/2005	Katase	
	A12	US20060196518	9/1/2006	Hon	
	A13	US20070267031	11/22/2007	Hon	
	A14	US20080257367	10/23/2008	Paterno/Sottera	

Examiner Signature		Date Considered	
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111971-8013.US03/128060671.1

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Sheet	2	of	20	Attorney Docket Number	111971-8013.US03

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	CA2562581A1	10/27/2005	Hon		
	B2	CA2647212	5/16/2006	Han		
	B3	CA2752134	11/11/2004	Hon		
	B4	CN1106812C (pub) CN97190727.7 (pat)	4/30/2003	Susa		
	B5	CN1135860A	11/20/1996	Du		
	B6	CN1191696A	9/2/1998	Pu		
	B7	CN1196660A (CN97190727.7)	11/20/1996	Japan Tobacco		
	B8	CN1252961A	5/17/2000	SONG, Guoqiang		
	B9	CN1530041A	9/22/2004	HAN, Li		
	B10	CN1541577A	11/3/2004	HAN, Li		
	B11	CN1575673A	2/9/2005	Seiko Epson		
	B12	CN201797997U CN201020546169.4	4/20/2011	Shenzhen Ruyan Biotechnology Co Ltd		
	B13	CN202026802U CN201120050555.9	11/9/2011	Ruyan Biosciences International Co Ltd.		
	B14	CN202026804U CN201120066344.4	11/9/2011	Ruyan Biosciences International Co Ltd.		
	B15	CN2719043Y	8/24/2005	Hon		
	B16	CN2777995Y	5/10/2006	HAN, Li		
	B17	EP0057243A1	8/11/1982	Niemann		
	B18	EP0845220A1		Susa		
	B19	EP01618803A1	1/25/2006	Hon		
	B20	EP01618808A1	1/26/2006	Unilever		

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				Examiner Name	Dionne Walls Mayes
Sheet	3	of	20	Attorney Docket Number	111971-8013.US03

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B21	EP01736065A1	12/27/2006	Hon		
	B22	WO1994021317	9/29/1994	Gault/Xetel Corp		
	B23	WO2004080216	9/23/2004	Hon		
	B24	WO2005099494	10/27/2005	Hon		

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	C1	CHEN, Yongzhi – Patent Invalidation Petition against CN200620090805.0, Case No. 5W1014616 with English Translation, May 31, 2013	
	C2	CHEN, Yongzhi - Patent Invalidation Petition against CN200620090805.0, Case No. 5W1014616, May 31, 2013, D1-CN2719043	
	C3	CHEN, Yongzhi - Patent Invalidation Petition against CN200620090805.0, Case No. 5W1014616, May 31, 2013, D2-CN1196660	
	C4	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015	
	C5	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-1 Invalidity Claim Chart for US8863752, June 18, 2015	
	C6	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-2 Invalidity Claim Chart for US8863752, June 18, 2015	
	C7	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-3 Invalidity Claim Chart for US8863752, June 18, 2015	
	C8	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-4 Invalidity Claim Chart for US8863752, June 18, 2015	
	C9	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-5 Invalidity Claim Chart for US8863752, June 18, 2015	
	C10	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix J-6 Invalidity Claim Chart for US8863752, June 18, 2015	
	C11	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix F-1 Invalidity Claim Chart for US8375957, June 18, 2015	
	C12	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix F-2 Invalidity Claim Chart for US8375957, June 18, 2015	

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	C13	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix F-3 Invalidity Claim Chart for US8375957, June 18, 2015	
	C14	COLLINS, John M., Expert Report - Invalidity, CV14-01645-Appendix F-4 Invalidity Claim Chart for US8375957, June 18, 2015	
	C15	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 21, US2057353 Whittemore	
	C16	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 22, US5894841 Voges	
	C17	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 25, EP0845220B1 Susa	
	C18	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 26, US3200819 Gilbert	
	C19	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 63, US6196218 Voges '218	
	C20	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 75, CA2752134 Hon '134	
	C21	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 76, WO2005099494 Hon '494	
	C22	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 77, CN2719043 Hon '043	
	C23	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 78, TECHPOWERUP, www.techpowerup.com – “What is a MOSFET, what does it look like, and how does it work?” – published May 24, 2004	

Examiner Signature		Date Considered	
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				Examiner Name	Dionne Walls Mayes
Sheet	6	of	20	Attorney Docket Number	111971-8013.US03

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	C24	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 79, US20070267031 Hon '031	
	C25	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 82, US0705919 Gill	
	C26	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 84, EP0845220A1 Susa	
	C27	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 103, certified English translation of CN2719043 Hon '043 Translation	
	C28	COLLINS, John M., Expert Report - Invalidity, CV14-01645, June 18, 2015-Exhibit 104, certified English translation of WO2005099494 Hon '494 Translation	
	C29	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015	
	C30	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D1-CN2719043	
	C31	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D1 Equivalent-EP1736065	
	C32	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D2-WO1994021317	
	C33	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D3-US6601776	
	C34	ITC LIMITED, Representation for Opposition to Grant of Patent against IN8529/DELNP/2008, May 11, 2015, D4-EP01618803A	
	C35	IP AUSTRALIA, Patent Examination Report No. 1 for AU2007250368, August 9, 2012	

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				Examiner Name	Dionne Walls Mayes
Sheet	7	of	20	Attorney Docket Number	111971-8013.US03

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	C36	IP OFFICE INDIA, First Examination Report for 8529/DELNP/2008, June 25, 2015	
	C37	IP OFFICE NEW ZEALAND, Exam Report for NZ572310, April 29, 2010	
	C38	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Paper 1, June 26, 2015	
	C39	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1001, U.S. Patent No. 8,375,957 to Hon , June 26, 2015	
	C40	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1002, Schuster Expert Declaration , June 26, 2015	
	C41	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1003, Canadian Patent Application No. 2 752 134 to Hon , June 26, 2015	
	C42	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1004, U.S. Patent No. 6,234,167 to Cox , June 26, 2015	
	C43	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1005, EP 0 845 220 A1 to Susa , June 26, 2015	
	C44	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1006, U.S. Patent No. 5,060,671 to Counts , June 26, 2015	
	C45	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1007, U.S. Patent No. 6,155,268 to Takeuchi , June 26, 2015	

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	C46	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1008, WO 00/28843 A1 to Pienemann , June 26, 2015	
	C47	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1009, Certified English translation of WO 00/28843 A1 to Pienemann , June 26, 2015	
	C48	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1010, CN 2719043 to Hon , June 26, 2015	
	C49	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1011, Certified English translation of CN 2719043 to Hon , June 26, 2015	
	C50	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1012, U.S. Patent No. 2,057,353 to Whittemore , June 26, 2015	
	C51	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1013, U.S. Patent Publication No. 2003/0033055 A1 to McRae , June 26, 2015	
	C52	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1014, CN200620090805 to Hon , June 26, 2015	
	C53	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1015, Certified English translation of CN200620090805 to Hon , June 26, 2015	
	C54	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1016, October 5, 2010 Office Action ('957) , June 26, 2015	

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	C55	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1017, March 7, 2011 Response ('957) , June 26, 2015	
	C56	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1018, June 8, 2011 Office Action ('957) , June 26, 2015	
	C57	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1019, December 8, 2011 Response ('957) , June 26, 2015	
	C58	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1020, January 9, 2012 Office Action ('957) , June 26, 2015	
	C59	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1021, May 9, 2012 Response ('957) , June 26, 2015	
	C60	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1022, August 7, 2012 Office Action ('957) , June 26, 2015	
	C61	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1023, August 29, 2012 Response ('957) , June 26, 2015	
	C62	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1024, December 17, 2012 Notice of Allowance ('957) , June 26, 2015	

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				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
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	C63	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1025, McGraw-Hill Dictionary of Scientific and Technical Terms (5th ed. 1994) , June 26, 2015	
	C64	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1026, Academic Press Dictionary of Science and Technology (1992) , June 26, 2015	
	C65	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1027, American Heritage Dictionary of the English Language (1996) , June 26, 2015	
	C66	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1028, KR 10-0469625 to Kim , June 26, 2015	
	C67	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1029, Certified English translation of KR 10-0469625 to Kim , June 26, 2015	
	C68	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1030, U.S. Patent No. 1,446,087 to Griffin , June 26, 2015	
	C69	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1031, Curriculum Vitae of Jeffrey Arthur Schuster, Ph.D. , June 26, 2015	
	C70	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1032, J.A. Speck, MECHANICAL FASTENING, JOINING AND ASSEMBLY (1997) , June 26, 2015	
	C71	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1033, U.S. Patent No. 705,919 to Gill , June 26, 2015	

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	C72	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1034, U.S. Patent No. 980,830 to Patterson , June 26, 2015	
	C73	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1035, U.S. Patent No. 6,070,992 to Schnell , June 26, 2015	
	C74	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1036, U.S. Patent No. 3,934,117 to Schladitz , June 26, 2015	
	C75	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1037, U.S. Patent No. 4,531,178 to Uke , June 26, 2015	
	C76	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1038, U.S. Patent No. 5,177,424 to Connors , June 26, 2015	
	C77	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-01513, Exhibit 1039, U.S. Patent No. 6,232,784 to Dulasky , June 26, 2015	
	C78	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863752 - IPR2015-01604, Paper 1, July 20, 2015	
	C79	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863752 - IPR2015-01604, Exhibit 1001, U.S. Patent No. 8,863,752 to Hon , July 20, 2015	
	C80	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863752 - IPR2015-01604, Exhibit 1002, Declaration of Jeffrey A. Schuster, Ph.D. , July 20, 2015	

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	C81	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1003, U.S. Patent No. 8,375,957 Certificate of Correction, July 20, 2015	
	C82	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1004, '752 Patent Application as Filed, July 20, 2015	
	C83	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1005, Restriction Requirement, July 20, 2015	
	C84	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1006, Response to Restriction Requirement, July 20, 2015	
	C85	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1007, Non-Final Office Action, July 20, 2015	
	C86	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1008, Response to Non-Final Office Action, July 20, 2015	
	C87	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1009, Notice of Allowance, July 20, 2015	
	C88	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1010, McGraw-Hill Dictionary of Scientific and Technical Terms ("assembly") ("component") ("electrode") ("pore") ("porous") ("screwthread"), July 20, 2015	
	C89	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1011, American Heritage Dictionary ("atomize") ("flow"), July 20, 2015	

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	C90	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1012, Merriam-Webster.com ("aerosol") ("atomizer") ("contain") ("housing") ("insert") ("paper") ("permeable") ("store") , July 20, 2015	
	C91	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1013, Academic Press Dictionary of Science and Technology ("permeability") ("solid") , July 20, 2015	
	C92	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1014, Canadian Patent Application No. 2 752 134 to Hon , July 20, 2015	
	C93	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1015, U.S. Patent No. 6,155,268 to Takeuchi , July 20, 2015	
	C94	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1016, WO 00/28843 A1 to Pienemann , July 20, 2015	
	C95	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1017, Certified English translation of WO 00/28843 A1 to Pienemann , July 20, 2015	
	C96	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1018, EP 0 845 220 A1 to Susa , July 20, 2015	
	C97	JT INTERNATIONAL S.A., Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01604, Exhibit 1019, J.A. Speck, MECHANICAL FASTENING , JOINING AND ASSEMBLY (1997) , July 20, 2015	
	C98	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, October 21, 2014	

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	14/720,288 – Conf. # 9103
				Filing Date	May 22, 2015
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	14	of	20	Attorney Docket Number	111971-8013.US03

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	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, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C99	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1001 - U.S. Patent No. 8,375,957, October 21, 2014	
	C100	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1002, Declaration of Gregory Buckner, Ph.D., October 21, 2014	
	C101	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1003, China Patent CN 2719043 – issue date August 24, 2005 , October 21, 2014	
	C102	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1004, Certified English translation of CN 2719043 pursuant to 37 C.F.R. 42.63(b) , October 21, 2014	
	C103	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1005, U.S. publication 2007/0267031 (“Hon ‘031”), which is the U.S. equivalent of CN 2719043 , October 21, 2014	
	C104	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1006, CA 2562581, which is the Canadian equivalent of CN 2719043 , October 21, 2014	
	C105	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1007, U.S. Patent No. 3,200,819 (“Gilbert”) – issue date August 17, 1965 , October 21, 2014	
	C106	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1008, U.S. Patent No. 2,057,353 (“Whittemore”) – issue date October 13, 1936 , October 21, 2014	

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	C107	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1009, U.S. Patent No. 5,894,841 ("Voges") – issue date April 20, 1999 , October 21, 2014	
	C108	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1010, U.S. Pat. App. Pub. 2008/0257367 ("Paterno") – filed April 23, 2007 , October 21, 2014	
	C109	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1011, EP 0533599A1 ("Connors") – publication date March 24, 1993 , October 21, 2014	
	C110	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1012, Non-patent publication "What is a MOSFET, what does it look like, and how does it work?" dated 5/24/2004, printed from the Internet Archive, i.e., the Wayback machine, which was archived on March 5, 2010 ("TechPowerUp") , October 21, 2014	
	C111	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1013, Non-patent publication "What is a MOSFET, what does it look like, and how does it work?" dated 5/24/2004, printed from the Internet Archive, i.e., the Wayback machine, which was archived on July 20, 2011 ("TechPowerUp") , October 21, 2014	
	C112	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1014, PCT application No. PCT/CN2007/ 001576, filed on May 15, 2007, and January 15, 2009 Chinese Declaration re CN Patent Application No. 200620090805 ("Hon '805") , October 21, 2014	
	C113	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1015, '957 patent file history, October 29, 2008 Preliminary Amendment , October 21, 2014	

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	C114	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1016, '957 patent file history, October 5, 2010, Office Action , October 21, 2014	
	C115	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1017, '957 patent file history, March 7, 2011, Response to Office Action , October 21, 2014	
	C116	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1018, '957 patent file history, March 29, 2011, Applicant's "Marked-Up Specification" , October 21, 2014	
	C117	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1019, '957 patent file history, June 8, 2011, Office Action , October 21, 2014	
	C118	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1020, '957 patent file history, December 8, 2011, Request for Continued Examination , October 21, 2014	
	C119	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1021, '957 patent file history, January 9, 2012, Office Action , October 21, 2014	
	C120	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1022, '957 patent file history, May 9, 2012, Amendment , October 21, 2014	
	C121	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1023, '957 patent file history, August 7, 2012, Office Action , October 21, 2014	

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				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	17	of	20	Attorney Docket Number	111971-8013.US03

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	C122	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1024, '957 patent file history, August 29, 2012, Amendment , October 21, 2014	
	C123	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1025, '957 patent file history, December 17, 2012, Notice of Allowance. , October 21, 2014	
	C124	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1026, '957 patent file history, July 2, 2013, Certificate of Correction , October 21, 2014	
	C125	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1027, U.S. Patent No. 8,156,944 (Hon; Aerosol Electronic Cigarette) , October 21, 2014	
	C126	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1028, DECISION - Institution of Inter Partes Review in IPR2013-00387, Paper 7 , October 21, 2014	
	C127	LOGIC TECHNOLOGY PRODUCTS, INC., Petition for Inter Partes Review of U.S. Patent No. 8,375,957 - IPR2015-00098, Exhibit 1029, Curriculum Vitae of Gregory Buckner, Ph.D. , October 21, 2014	
	C128	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, May 29, 2015	
	C129	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1001, U.S. Pat. No. 8,863,752 ("the '752 patent") , May 29, 2015	
	C130	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1002, Declaration Samir Nayfeh, Ph.D. ("Nayfeh Decl.") , May 29, 2015	

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	C131	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1003, Canadian Pat. App. No. 2,752,134 ("Hon '134") , May 29, 2015	
	C132	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1004, U.S. Pat. No. 3,200,819 ("Gilbert") , May 29, 2015	
	C133	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1005, U.S. Pat. No. 6,155,268 ("Takeuchi") , May 29, 2015	
	C134	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1006, U.S. Pat. No. 1,446,087 ("Griffin") , May 29, 2015	
	C135	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1007, Markman Hearing/Claim Construction Order, Fontem Ventures, B.V. v. NJOY, Inc., No. 14-cv-1645, Dkt. 133 (C.D. Cal. May 7, 2015) , May 29, 2015	
	C136	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1008, Rulings on Claim Construction, Fontem Ventures, B.V. v. NJOY, Inc., No. 14-cv-1645, Dkt. 65 (C.D. Cal. Jan. 29, 2015) , May 29, 2015	
	C137	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1009, Joint Claim Construction and Prehearing Statement, Fontem Ventures, B.V. v. NJOY, Inc., No. 14-cv-1645, Dkt. 93 (C.D. Cal. Mar. 19, 2015) , May 29, 2015	
	C138	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1010, Revised Joint Claim Construction and Prehearing Statement, Fontem Ventures, B.V. v. NJOY, Inc., No. 14-cv-1645, Dkt. 34 (C.D. Cal. Sept. 30, 2014) , May 29, 2015	

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	C139	NJOY, INC. et al, Petition for Inter Partes Review of U.S. Patent No. 8,863,752 - IPR2015-01301, Exhibit 1011, Curriculum Vitae of Samir Nayfeh, Ph.D. , May 29, 2015	
	C140	NJOY et al., Defendants' Joint Invalidity Contentions, Case No. CV-14-01645 etc., August 7, 2014	
	C141	NJOY, INC. et al., Defendants' Joint Invalidity Contentions, CV-14-01645 etc., Attachment D - Claim Charts for Patent 8375957, August 7, 2014	
	C142	NJOY, Inc. et al., Defendants' Joint Invalidity Contentions, Case No. CV-14-01645 etc., February 26, 2015	
	C143	NJOY, INC. et al., Defendant's Joint Invalidity Contentions, CV14-01645 etc., Exhibit D - Claim Charts for Patent 8863752, February 26, 2015	
	C144	STATE INTELLECTUAL PROPERTY OFFICE CHINA PRC, Decision of Patent Invalidation Petition for CNZL200620090805.0, March 3, 2014	
	C145	STATE INTELLECTUAL PROPERTY OFFICE CHINA PRC, Examination Decision on the Invalidity Declaration Application for CNZL200620090805.0, June 23, 2010	
	C146	STATE INTELLECTUAL PROPERTY OFFICE PRC CHINA, English translation of Written Opinion for PCT/CN07/001576, August 16, 2007	
	C147	STATE INTELLECTUAL PROPERTY OFFICE PRC CHINA, International Search Report for PCT/CN07/001576, August 16, 2007	
	C148	STATE INTELLECTUAL PROPERTY OFFICE PRC CHINA, Search Report for Utility Model CNZL200620090805.0, November 18, 2008	
	C149	TechPowerUp Internet Webpage, http://www.techpowerup.com/articles/overclocking/voltmods/21 , May 24, 2004	
	C150	USPTO, Final Office Action for US12/226,819, June 8, 2011	

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	C152	USPTO, Non-Final Office Action for US12/226,819, January 9, 2012	
	C153	USPTO, Non-Final Office Action for US12/226,819, October 5, 2010	
	C154	USPTO, Non-Final Office Action for US13/915,427, March 21, 2014	
	C155	USPTO, Non-Final Office Action for US13/754,521, September 25, 2015	
	C156	USPTO, Notice of Allowance for US12/226,819, December 17, 2012	
	C157	USPTO, Notice of Allowance for US13/915,427, August 19, 2014	

Examiner Signature	/Phu Nguyen/	Date Considered	01/01/2016
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EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("vaporizing device" and battery and atomizer and heater and electrode).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2016/01/01 23:24
S1	66	("2057353" "20050016550" "20060196518" "20070267031" "20080257367" "3200819" "4945929" "5894841" "6196218" "6601776" "6715494" "0705919" "8156944").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2015/12/30 14:12
S2	0	S1 and pressure near2 balanc\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2015/12/30 14:12
S3	2	"20150250230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2015/12/30 14:31
S4	18	((("7832410") or ("8156944") or ("8375957") or ("8393331") or ("8365742") or ("8511318") or ("8689805") or ("8490628") or ("8893726") or ("8863752") or ("8910641") or ("8899239"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2015/12/30 14:35
S5	1	("vaporizing device" and battery and atomizer and electrode and heater and pressure).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2015/12/30 14:38
S6	8	((("5894841") or ("3200819"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2015/12/30 14:41

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	("vaporizing device" and battery and atomizer and heater and electrode).clm.	US-PGPUB; USPAT	OR	ON	2016/01/01 23:24
L3	10	(electronic and battery and atomizer and	US-	OR	ON	2016/01/01

	heater and electrode).clm.	PGPUB; USPAT	23:24
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1/ 1/ 2016 11:25:23 PM
C:\ Users\ pnguyen9\ Documents\ EAST\ Workspaces\ 14720288.wsp

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	14720288
	Filing Date	2015-05-22
	First Named Inventor	Lik HON
	Art Unit	1747
	Examiner Name	Nguyen, Phu Hoang
	Attorney Docket Number	111971-8013.US03

U.S. PATENTS							Remove	
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		
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.N./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14720288
	Filing Date		2015-05-22
	First Named Inventor	Lik HON	
	Art Unit	1747	
	Examiner Name	Nguyen, Phu Hoang	
	Attorney Docket Number	111971-8013.US03	

1	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Memorandum of Points and Authorities in Support of Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
2	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Declaration of Brent K. Yamashita in Support of Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
3	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 1 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
4	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 2 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
5	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 3 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
6	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 4 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
7	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Exhibit 5 to Defendants' Motion for Leave to Amend Invalidity Contentions dated 06/29/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
8	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s Reply Brief in Support of Defendants' Motion for Leave to Amend Invalidity Contentions dated 07/13/2015 and filed in Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.
9	U.S. DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA, WESTERN DIVISION, Defendant NJOY, Inc.'s production documents VLACHOS 0000061-72; Consolidated Case No. CV 14-01645 GW (MRW) and related consolidated cases.

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

EXAMINER SIGNATURE

Examiner Signature	/Phu Nguyen/	Date Considered	01/07/2016
--------------------	--------------	-----------------	------------

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.N./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14720288
	Filing Date		2015-05-22
	First Named Inventor	Lik HON	
	Art Unit	1747	
	Examiner Name	Nguyen, Phu Hoang	
	Attorney Docket Number	111971-8013.US03	

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.

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

Application Number	14720288
Filing Date	2015-05-22
First Named Inventor	Lik HON
Art Unit	1747
Examiner Name	Nguyen, Phu Hoang
Attorney Docket Number	111971-8013.US03

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.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

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	/KennethHOhriner/	Date (YYYY-MM-DD)	2016-01-06
Name/Print	Kenneth H. Ohriner	Registration Number	31646

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.**

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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 the Freedom of Information Act requires disclosure of these records.
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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 inspections 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.



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BIB DATA SHEET

CONFIRMATION NO. 9103

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
14/720,288	05/22/2015	131	1747	111971-8013.US03		
APPLICANTS FONTEM HOLDINGS 1 B.V., Amsterdam, NETHERLANDS; INVENTORS Lik Hon, North Point, HONG KONG; ** CONTINUING DATA ***** This application is a CON of 13/754,521 01/30/2013 which is a CON of 12/226,819 01/15/2009 PAT 8375957 which is a 371 of PCT/CN2007/001576 05/15/2007 ** FOREIGN APPLICATIONS ***** CHINA 200620090805.0 05/16/2006 ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 06/02/2015						
Foreign Priority claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 35 USC 119(a-d) conditions met <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Verified and /PHU HOANG NGUYEN/ Acknowledged Examiner's Signature		<input checked="" type="checkbox"/> Met after Allowance P.N Initials	STATE OR COUNTRY HONG KONG	SHEETS DRAWINGS 10	TOTAL CLAIMS 24	INDEPENDENT CLAIMS 3
ADDRESS PERKINS COIE LLP - LOS General POST OFFICE BOX 1247 SEATTLE, WA 98111-1247 UNITED STATES						
TITLE ELECTRONIC CIGARETTE						
FILING FEE RECEIVED 1920	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		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Lik HON

Examiner: Nguyen, Phu Hoang

Application No.: 14/720,288

Art Unit: 1747

Filed: May 22, 2015

Confirmation No.: 9103

For: **ELECTRONIC CIGARETTE**

AMENDMENT UNDER RULE 1.312 AND
COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Changes to the drawings are on page 2 of this paper.

Remarks on page 3 of this paper.

[Continued on next page.]

AMENDMENTS TO THE DRAWINGS

Please amend Figs. 5A, 5B and 12 as shown in the attached drawing sheets marked up to show changes.

Clean replacement drawing sheets including these changes are enclosed.

REMARKS

This Application is a continuation of 13/754,521 which is a continuation of 12/226,819 which claims priority to PCT/CN2007/001576.

In Figs. 5A and 5B of present Application the position of the unlabeled wire from the atomizer 307 is different from Figs. 5A and 5B of PCT/CN2007/001576.

In Fig. 12 the shape of the device shown is different from Fig. 12 in PCT/CN2007/001576.

The changes to Figs. 5A, 5B and 12 as shown on the attached drawing sheets conform Figs. 5A, 5B and 12 of the present Application to PCT/CN2007/001576. Support for these changes is in PCT/CN2007/001576, which is incorporated by reference under Rule 1.57(b).

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Applicant agrees with the statement of reasons for allowance and submits that the claims are allowable for other reasons as well.

Dated: February 2, 2016

Customer No. 34055
Perkins Coie LLP
Patent - LA
P.O. Box 1247
Seattle, WA 98111-1247
Phone: (310) 788-3267
Fax: (206) 359-7198
Email: KOhriner@perkinscoie.com

Respectfully submitted,

PERKINS COIE LLP

By: /KennethHOhriner/
Kenneth H. Ohriner
Reg. No. 31,646

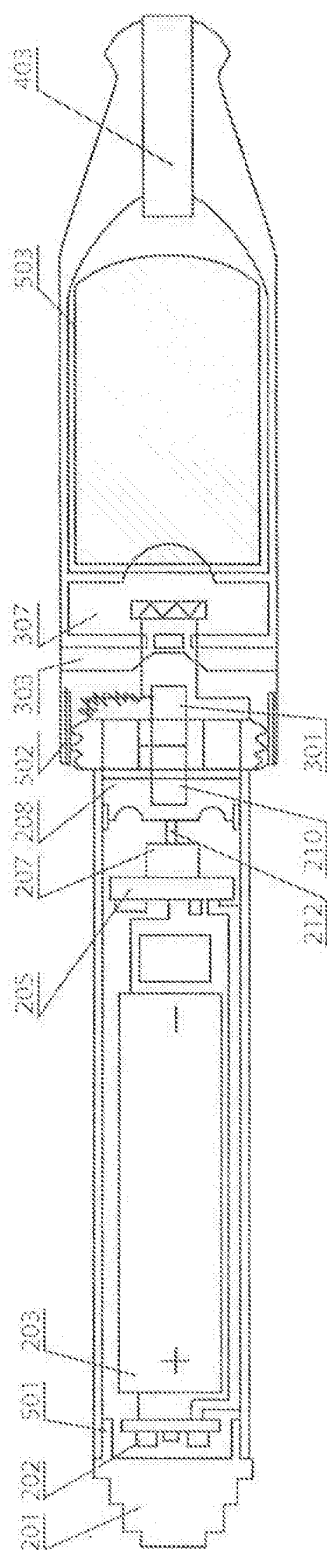


Figure 5A

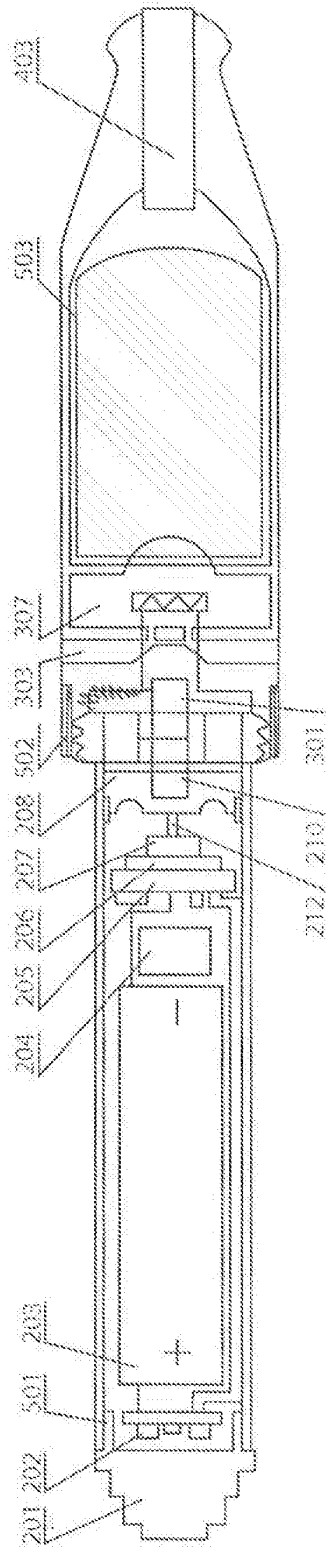


Figure 5B

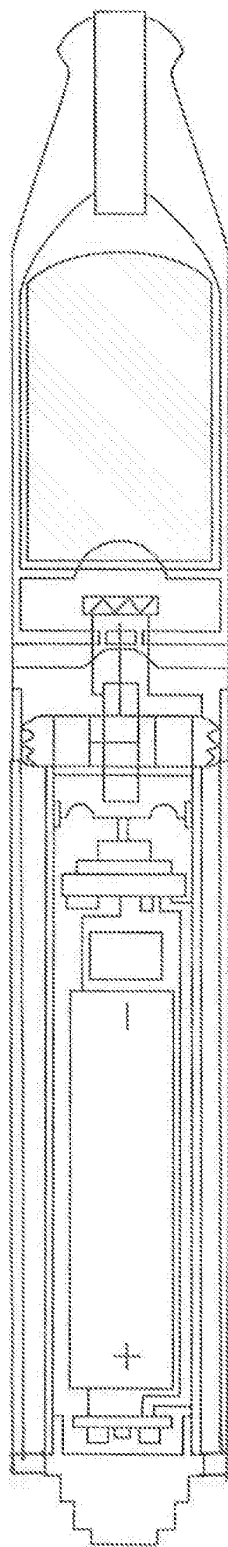


Figure 12

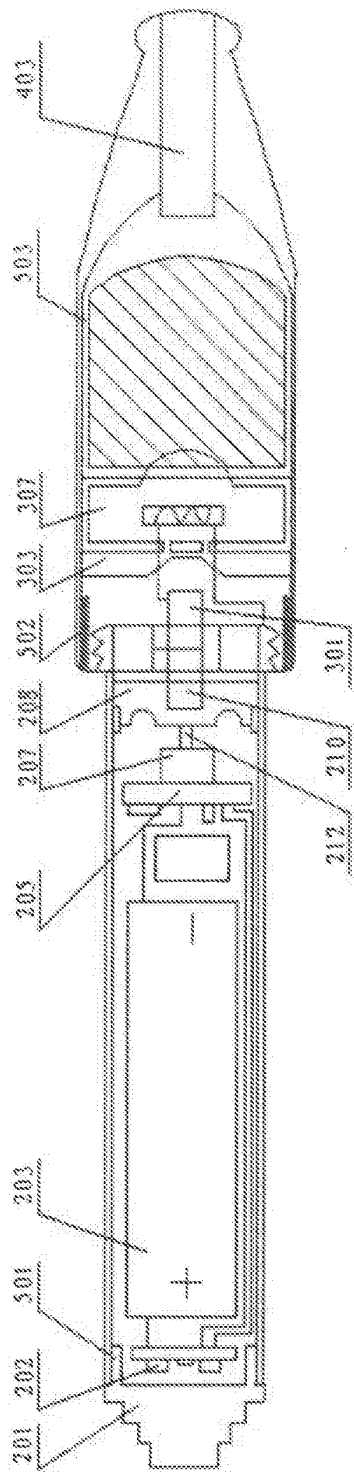


Figure 5A

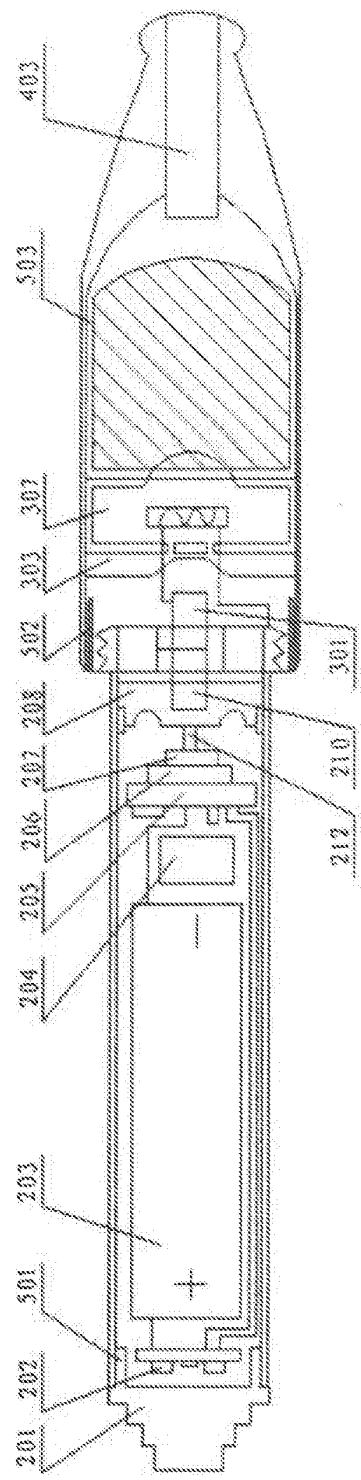


Figure 5B

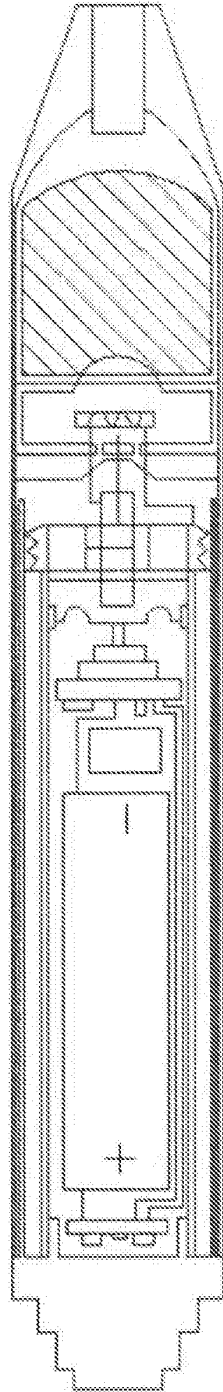


Figure 12

Electronic Acknowledgement Receipt	
EFS ID:	24793144
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Julie Willie
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	02-FEB-2016
Filing Date:	22-MAY-2015
Time Stamp:	13:10:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		2016-02-02_Rule312Amd_111971-8013US3.pdf	86057 ece4ee5de6d828d78ca75efa94cc1cf06c269d55	yes	3

Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Amendment after Notice of Allowance (Rule 312)			1	1	
Drawings-only black and white line drawings			2	2	
Applicant Arguments/Remarks Made in an Amendment			3	3	
Warnings:					
Information:					
2	Drawings-only black and white line drawings	2016-02-02_AnnotatedDrawings_111971-8013US3.pdf	453990 11fd3f151cdca1a127d0e65d0f68fe21d3f04444	no	3
Warnings:					
Information:					
3	Drawings-only black and white line drawings	2016-02-02_ReplacementSheet_s_111971-8013US3.pdf	87407 82de668621badfa8a5d5e88ed765247dcfbd93e	no	3
Warnings:					
Information:					
Total Files Size (in bytes):			627454		
<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>					



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/720,288	05/22/2015	Lik Hon	111971-8013.US03	9103
34055 7590 02/19/2016 PERKINS COIE LLP - LOS General POST OFFICE BOX 1247 SEATTLE, WA 98111-1247			EXAMINER NGUYEN, PHU HOANG	
			ART UNIT 1747	PAPER NUMBER
			NOTIFICATION DATE 02/19/2016	DELIVERY MODE ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentprocurement@perkinscoie.com

Response to Rule 312 Communication	Application No. 14/720,288	Applicant(s) HON, LIK
	Examiner PHU NGUYEN	Art Unit 1747
<p align="center">-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</p> <p>1. <input checked="" type="checkbox"/> The amendment filed on <u>02 February 2016</u> under 37 CFR 1.312 has been considered, and has been:</p> <p>a) <input type="checkbox"/> entered.</p> <p>b) <input checked="" type="checkbox"/> entered as directed to matters of form not affecting the scope of the invention.</p> <p>c) <input type="checkbox"/> disapproved because the amendment was filed after the payment of the issue fee. Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.</p> <p>d) <input type="checkbox"/> disapproved. See explanation below.</p> <p>e) <input type="checkbox"/> entered in part. See explanation below.</p>		
/MICHAEL H WILSON/ Supervisory Patent Examiner, Art Unit 1747		/PHU NGUYEN/ Examiner, Art Unit 1747

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Lik HON

Examiner: Nguyen, Phu Hoang

Application No.: 14/720,288

Art Unit: 1747

Filed: May 22, 2015

Confirmation No.: 9103

For: **ELECTRONIC CIGARETTE**

AMENDMENT UNDER RULE 1.312 AND
COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Changes to the drawings are on page 2 of this paper.

Remarks on page 3 of this paper.

[Continued on next page.]

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
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NAME: PERKINS COIE LLP - LOS General
 FIRM: POST OFFICE BOX 1247
 CITY: SEATTLE, WA 98111-1247

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.

Debbie Gilbert	(Depositor's name)
Debbie Gilbert	(Signature)
March 24, 2016	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/720,288	05/22/2015	Lik Han	111971-8913 US03	9103

TITLE OF INVENTION: ELECTRONIC CIGARETTE

APPL. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	04/20/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, PHU HOANG	1747	131-319000

1. Change of correspondence address, or indication of "Fee Address" (37 CFR 1.303).

- ☐ Change of correspondence address (for 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.

Perkins Coie LLP

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 1.11. Completion of this form is NOT a substitute for filing an assignment.

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(B) RESIDENCE (CITY and STATE OR COUNTRY)

Fontem Holdings 1 B.V. Amsterdam, Netherlands

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
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- ☐ 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 forms 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: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature: Kenneth H. Ohmiller
 Typed or printed name: Kenneth H. Ohmiller

Date: March 24, 2016
 Registration No.: 31646

Electronic Patent Application Fee Transmittal				
Application Number:		14720288		
Filing Date:		22-May-2015		
Title of Invention:		ELECTRONIC CIGARETTE		
First Named Inventor/Applicant Name:		Lik Hon		
Filer:		Kenneth H. Ohriner/Debbie Gilbert		
Attorney Docket Number:		111971-8013.US03		
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
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	1501	1	960	960

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				960

Electronic Acknowledgement Receipt	
EFS ID:	25298467
Application Number:	14720288
International Application Number:	
Confirmation Number:	9103
Title of Invention:	ELECTRONIC CIGARETTE
First Named Inventor/Applicant Name:	Lik Hon
Customer Number:	34055
Filer:	Kenneth H. Ohriner/Debbie Gilbert
Filer Authorized By:	Kenneth H. Ohriner
Attorney Docket Number:	111971-8013.US03
Receipt Date:	24-MAR-2016
Filing Date:	22-MAY-2015
Time Stamp:	15:45:48
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$960
RAM confirmation Number	2495
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

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)	8013US03_Issuefee.pdf	299348 f020d4e07a9235ef1e740c8e78843e17774e85df	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30471 8a069f1706cfe6035022e78c10d4cd28dc70464d	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			329819		
<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>					

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	14/720,288 – Conf. # 9103
				Filing Date	May 22, 2015
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	1	of	20	Attorney Docket Number	111971-8013.US03

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US0705919	7/29/1902	Gill	
	A2	US2057353	10/13/1936	Whittemore	
	A3	US3200819	8/17/1965	Gilbert	
	A4	US4945929	8/7/1990	Egilmex	
	A5	US4945929A	8/17/1990	British American Tobacco	Egilmex
	A6	US5894841	4/20/1999	Voges	
	A7	US6196218	3/6/2001	Voges	
	A8	US6601776	8/5/2003	Oljaca	
	A9	US6715494B1	4/6/2004	McCoy	
	A10	US8156944	4/17/2012	Hon	
	A11	US20050016550	1/1/2005	Katase	
	A12	US20060196518	9/1/2006	Hon	
	A13	US20070267031	11/22/2007	Hon	
	A14	US20080257367	10/23/2008	Paterno/Sottera Paterno et al.	

Change(s) applied
to document,
/K.S.S./
1/29/2016

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

111971-8013.US03/128060671.1

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.N./

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	14/720,288 – Conf. # 9103
				Filing Date	May 22, 2015
				First Named Inventor	Lik Hon
				Art Unit	1747
				Examiner Name	Dionne Walls Mayes
Sheet	2	of	20	Attorney Docket Number	111971-8013.US03

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	CA2562581A1	10/27/2005	Hon		
	B2	CA2647212	5/16/2006	Han		
	B3	CA2752134	11/11/2004	Hon		
	B4	CN1106812C (pub) CN97190727.7 (pat)	4/30/2003	Susa		
	B5	CN1135860A	11/20/1996	Du		
	B6	CN1191696A	9/2/1998	Pu		
	B7	CN1196660A (CN97190727.7)	11/20/1996	Japan Tobacco		
	B8	CN1252961A	5/17/2000	SONG, Guoqiang		
	B9	CN1530041A	9/22/2004	HAN, Li		
	B10	CN1541577A	11/3/2004	HAN, Li		
	B11	CN1575673A	2/9/2005	Seiko Epson		
	B12	CN201797997U CN201020546169.4	4/20/2011	Shenzhen Ruyan Biotechnology Co Ltd		
	B13	CN202026802U CN201120050555.9	11/9/2011	Ruyan Biosciences International Co Ltd.		
	B14	CN202026804U CN201120066344.4	11/9/2011	Ruyan Biosciences International Co Ltd.		
	B15	CN2719043Y	8/24/2005	Hon		
	B16	CN2777995Y	5/10/2006	HAN, Li		
	B17	EP0057243A1	8/11/1982	Niemann		
	B18	EP0845220A1	06/1998	Susa		
	B19	EP01618803A1	1/25/2006	Hon		
	B20	EP01618808A1	1/26/2006	Unilever		

Change(s) applied
to document,
/E.M.S./
2/3/2016

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.N./



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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/720,288	05/03/2016	9326550	111971-8013.US03	9103

34055 7590 04/13/2016
PERKINS COIE LLP - LOS General
POST OFFICE BOX 1247
SEATTLE, WA 98111-1247

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):

Lik Hon, North Point, HONG KONG;
FONTEM HOLDINGS 1 B.V., Amsterdam, NETHERLANDS;

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