IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: OUAY: Steven C. et al. Group Art Unit: 1629

Serial Number: 16/641,985 Examiner: Not assigned yet

Filing or 371 (c) Date: 2020-02-25 **CONFIRMATION NO: 7650**

Title: METHODS FOR

MAKING AND USING

ENDOXIFEN

FILED ELECTRONICALLY ON: May 29 , 2020

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

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97

Commissioner for Patents:

An Information Disclosure Statement along with attached PTO/SB/08 is hereby submitted. A copy of each listed publication is submitted, if required, pursuant to 37 CFR §§1.97-1.98, as indicated below.

The Examiner is requested to review the information provided and to make the information of record in the above-identified application. The Examiner is further requested to initial and return the attached PTO/SB/08 in accordance with MPEP § 609.

The right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered, is hereby reserved.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in § 1.56.

| A. | ≥ 37 CFI because: | R § 1.97 | (b). This Information Disclosure Statement should be considered by the Office |
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| | | (1) | It is being filed within 3 months of the filing date of a national application and is other than a continued prosecution application under § 1.53 (d); |
| | | | OR |
| | | (2) | It is being filed within 3 months of entry of the national stage as set forth in § 1.491 in an international application; |
| | | | OR |
| | \boxtimes | (3) | It is being filed before the mailing of a first Office action on the merits; |
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| | | (4) | It is being filed before the mailing of a first Office action after the filing of a request for continued examination under § 1.114. |
| В. | specified in office action closes pros | n <i>37 CF</i> on under secution | (c). Although this Information Disclosure Statement is being filed after the period $(R \ \S \ 1.97(b))$, above, it is filed before the mailing date of the earlier of (1) a final $\S \ 1.113$, (2) a notice of allowance under $\S \ 1.311$, or (3) an action that otherwise in the application, this Information Disclosure Statement should be considered panied by one of: |
| | | a stater | nent as specified in §1.97 (e) provided concurrently herewith; |
| | | | OR |
| | | | f $$240.00$ as set forth in $$1.17$ (p) authorized below, enclosed, or included with ment of other papers filed together with this statement. |
| C. | mailing dat 1.311, or (| e of the 3) an ac | 7 (d). Although this Information Disclosure Statement is being filed after the earlier of (1) a final office action under § 1.113, (2) a notice of allowance under § tion that otherwise closes prosecution in the application, it is being filed before efee and should be considered because it is accompanied by: |
| | | i. a st | atement as specified in § 1.97 (e); |
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| | | | be of \$240.00 as set forth in \$1.17(p) is authorized below, enclosed, or included the payment of other papers filed together with this Statement. |
| D. | ☐ 37 CFI | R §1.97 (| (e). Statement. |
| | | A state | ment is provided herewith to satisfy the requirement under 37 CFR §§ 1.97 (c); |
| | | | AND/OR |
| | | A state | ment is provided herewith to satisfy the requirement under 37 CFR §§ 1.97 (d); |
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| | | informathe cor | of a dated communication from a foreign patent office clearly showing that the ation disclosure statement is being submitted within 3 months of the filing date on munication is provided in lieu of a statement under 37 C.F.R. § 1.97(e) (1) as and for under MPEP 609.04(b) V. |
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| Е. | disclosure statement was first cited in any communication from a patent office in a counterpart foreign or international application or from the Office or is a communication that was issued be patent office in a counterpart foreign or international application or by the Office that was received an individual designated in § 1.56(c) not more than thirty (30) days prior to the filing of information disclosure statement. This statement is made pursuant to the requirements of 37 C.F §1.704(d) to avoid reduction of the period of adjustment of the patent term for Applicant(s) delay. | | | | | | | |
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| F. | ⊠ 37 CFI | §1.98 (a) (2). The content of the Information Disclosure Statement is as follows: | | | | | | |
| | | Copies of each of the references listed on the attached Form PTO/SB/08 are enclosed herewith. | | | | | | |
| | | OR | | | | | | |
| | \boxtimes | Copies of U.S. Patent Documents (issued patents and patent publications) listed on the attached Form PTO/SB/08 are not enclosed. | | | | | | |
| | | AND/OR | | | | | | |
| | \boxtimes | Copies of Foreign Patent Documents and/or Non Patent Literature Documents listed on the attached Form PTO/SB/08 are enclosed in accordance with 37 CFR §1.98 (a)(2). | | | | | | |
| | | AND/OR | | | | | | |
| | | Copies of pending unpublished U.S. patent applications are enclosed in accordance with 37 CFR §1.98 (a) (2) (iii). | | | | | | |
| G. | 37 CFI references. | §1.98(a)(3). The Information Disclosure Statement includes non-English patents and/or | | | | | | |
| | | Pursuant to 37 CFR §1.98(a)(3)(i), a concise explanation of the relevance of each patent, publication or other information provided that is not in English is provided herewith. | | | | | | |
| | | Pursuant to MPEP 609(B), an English language copy of a foreign search report is submitted herewith to satisfy the requirement for a concise explanation where non-English language information is cited in the search report. | | | | | | |
| | | OR | | | | | | |
| | | A concise explanation of the relevance of each patent, publication or other information provided that is not in English is as follows: | | | | | | |
| | | Pursuant to 37 CFR §1.98(a) (3) (ii), a copy of a translation, or a portion thereof, of the non-English language reference(s) is provided herewith. | | | | | | |
| Н. | | $\S1.98(d)$. Copies of patents, publications and pending U.S. patent applications, or other specified in 37 C.F.R. $\S1.98(a)$ are not provided herewith because: | | | | | | |
| | | Pursuant to 37 CFR §1.98(d)(1) the information was previously submitted in an Information Disclosure Statement, or cited by examiner for another application under which this application claims priority for an earlier effective filing date under 35 U.S.C. 120. | | | | | | |
| | | Application in which the information was submitted: | | | | | | |
| | | Information Disclosure Statement(s) filed on: | | | | | | |
| | | AND | | | | | | |
| | | The information disclosure statement submitted in the earlier application complied with paragraphs (a) through (c) of 37 CFR §1.98. | | | | | | |

| I. | \boxtimes <i>Fee Authorization</i> . The Commissioner is hereby authorized to charge the above-referenced fees of $\underline{\$0.00}$ and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. $\underline{23-2415}$ (Docket No.38602-758.831). |
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| | Respectfully submitted, |
| | WILSON SONSINI COODDICH & DOSATI |

Dated: May 28, 2020

By: /Lisa G Lippert/
Lisa Lippert
Reg. No. 78,332

650 Page Mill Road Palo Alto, CA 94304-1050 (650) 493-9300 Customer No. 21971

| | Substitut | e for form 1449/PTO | | | | Con | nplete if Known | |
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| | | | | | | Application Number | 16641985 | |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet 1 of 10 | | First Named Inventor | QUAY; Steven C. | | | | | |
| | 3 | | | | CANI | Art Unit | 1629 | |
| | (Use as many sheets as necessary) | Examiner Name | Not assigned yet | | | | | |
| Sh | eet | 1 | 0 | f | 10 | Attorney Docket Number | 38602-758.831 | |

| | | | U.S. PATENT | DOCUMENTS | |
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| 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 |
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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. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.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. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached. 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 2 hours 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, 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.

| | Substitut | e for form 1449/PTO | | | Complete if Known | | |
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| | | | | | Application Number | 16641985 | |
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| Sr | neet | 2 | of | 10 | Attorney Docket Number | 38602-758.831 | |

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| Examiner Signature | | Date Considered | |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet 3 of 10 | | First Named Inventor | QUAY; Steven C. | | | | |
| | 3 | | | | Art Unit | 1629 | |
| | | | Examiner Name | Not assigned yet | | | |
| She | eet | 3 | of | 10 | Attorney Docket Number | 38602-758.831 | |

| | FOREIGN PATENT DOCUMENTS | | | | | | | | | | |
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| Examiner Initials* | Cite | 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 | T6 | | | | | |
| | No. ¹ | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | WIND-DD-1111 | | Of Relevant Figures Appear | | | | | | |
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| | 009 | WO-2019051416-A1 | 03-14-2019 | ATOSSA GENETICS INC [US] | | | | | | | |

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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. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.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. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached. 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 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. The 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, 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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| | STATEMENT | | | First Named Inventor | QUAY; Steven C. | | |
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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 |
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| Examiner Signature | Date Considered | |
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| | NON-PATENT LITERATURE DOCUMENTS | | | | | | | |
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| 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 | | | | | |
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| Examiner Signature | Date Considered | |
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| | | NON-PATENT LITERATURE DOCUMENTS | |
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| 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 |
| | 019 | GOETZ, et al. Final results of a first in human phase I study of the Tamoxifen (TAM) metabolite, Endoxifen hydrochloride in women with aromatase inhibitor (AI) refractory metastatic breast cancer (MBC). (NCT01327781) San Antonio Breast Conference 2015. [PD203]. | |
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| | | | | Application Number | 16641985 | | | |
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| | STATEMENT B | | | First Named Inventor | QUAY; Steven C. | | | |
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| | (OSC as many sheets | 3 43 1160 | ossui y) | Examiner Name | Not assigned yet | | | |
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| | | TATEMENT | | | First Named Inventor | QUAY; Steven C. | |
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| | nature of the applicant orm of the signature. | | SIGNATURE d in accordance with CFR 1.3 | 33, 10.18. Please see CFR 1.4 | 4(d) for |
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| International Application Number: | | | |
| Confirmation Number: | 7650 | | |
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| First Named Inventor/Applicant Name: | Steven C. Quay | | |
| Customer Number: | 21971 | | |
| Filer: | Payal Vrajesh Vyas/Cheuk Hei Ho | | |
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| Examiner Signature | /BRIAN J DAVIS/ | Date Considered | 08/29/2021 |
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Approved for use through 11/30/2020. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Complete if Known Substitute for form 1449/PTO Application Number 16641985 Filing Date 02-25-2020 INFORMATION DISCLOSURE First Named Inventor QUAY; Steven C. STATEMENT BY APPLICANT Art Unit 1629 (Use as many sheets as necessary) Examiner Name Not assigned yet Attorney Docket Number 8 10 38602-758.831 Sheet of

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| Examiner Signature | /BRIAN J DAVIS/ | Date Considered | 08/29/2021 |

Doc code: IDS Doc description: Information Disclosure Statement (IDS) Filed PTO/SB/08a (02-18)
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| | Application Number | | 16641985 |
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| | Filing Date | | 2020-02-25 |
| INFORMATION DISCLOSURE | First Named Inventor STEVEN; C. Quay | | |
| STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Art Unit | | 1629 |
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Receipt date: 06/29/2021

16/641.985 - GAU: 1612

08/29/2021

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Application Number | 16641985 | | | | | |
| Filing Date | 2020-02-25 | | | | | |
| First Named Inventor STEV | | EN; C. Quay | | | | |
| Art Unit | 1629 | | | | | |
| Examiner Name - | | | | | | |
| Attorney Docket Numb | 109559-6698 | 05 | | | | |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Steven C. Quay Group Art Unit: 1612

Serial Number: 16/641,985 Examiner: Brian J. Davis

Filing or 371 (c) Date: February 25, 2020 CONFIRMATION NO: 7650

Title: METHODS FOR CUST. NO.: 27148

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FILED ELECTRONICALLY ON October 15, 2021

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

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97

Commissioner for Patents:

An Information Disclosure Statement along with attached PTO/SB/08 is hereby submitted. A copy of each listed publication is submitted, if required, pursuant to 37 CFR §§1.97-1.98, as indicated below.

The Examiner is requested to review the information provided and to make the information of record in the above-identified application. The Examiner is further requested to initial and return the attached PTO/SB/08 in accordance with MPEP § 609.

The right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered, is hereby reserved.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in § 1.56.

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| | | i. a st | atement as specified in § 1.97 (e); | | |
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| D. | ☐ 37 CFI | R §1.97 (| (e). Statement. | | |
| | | A state | ment is provided herewith to satisfy the requirement under 37 CFR §§ 1.97 (c); | | |
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| | | informathe cor | of a dated communication from a foreign patent office clearly showing that the ation disclosure statement is being submitted within 3 months of the filing date on munication is provided in lieu of a statement under 37 C.F.R. § 1.97(e) (1) as and for under MPEP 609.04(b) V. | | |
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| E. | disclosure foreign or patent offic an individu information | ntement Under 37 C.F.R. §1.704(d). Each item of information contained in the information sure statement was first cited in any communication from a patent office in a counterpart or international application or from the Office or is a communication that was issued by a office in a counterpart foreign or international application or by the Office that was received by dividual designated in § 1.56(c) not more than thirty (30) days prior to the filing of this nation disclosure statement. This statement is made pursuant to the requirements of 37 C.F.R. (d) to avoid reduction of the period of adjustment of the patent term for Applicant(s) delay. | | | | | | |
|---|--|--|--|--|--|--|--|--|
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| I. | Fee Authorization. The Commissioner is hereby authorized to charge the above-referenced fees of \$130.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 501662 (Docket No. 50-1662). |
| | Respectfully submitted, |

Dated: October 15, 2021, /Lisa G Lippert/ Lisa G. Lippert, Ph.D. Registration No. 78,332

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INFORMATION DISCLOSURE
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Application Number 16/641,985

Filing Date 02-25-2020

First Named Inventor STEVEN; C. Quay

Art Unit 1612

Examiner Name DAVIS, BRIAN J

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Attorney Docket Number

109559-669805

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| First Named Inventor | STEVEN; C. Quay |
| Art Unit | 1612 |
| Examiner Name | DAVIS, BRIAN J |
| Attorney Docket Number | 109559-669805 |

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| Application Number | 16/641,985 | |
| Filing Date | 02-25-2020 | |
| First Named Inventor | STEVEN; C. Quay | |
| Art Unit | 1612 | |
| Examiner Name | DAVIS, BRIAN J | |
| Attorney Docket Number | 109559-669805 | |

| | | NON-PATENT LITERATURE DOCUMENTS | |
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| 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 |
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| Attorney Docket Number | 109559-669805 |

| | CERTIFICATION STATEMENT | | | | |
|--|---|------------------------------|---------------------|------------|--|
| Pleas | e see 37 CFR 1.97 and | I 1.98 to make the appropria | ite 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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| | That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2). | | | | |
| | See attached certification statement. | | | | |
| | Fee set forth in 37 CFR 1.17 (p) has been submitted herewith. | | | | |
| \boxtimes | 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. | | | | | |
| Sign | ature | /Lisa G Lippert/ | Date (YYYY-MM-DD) | 2021-10-15 | |
| Nan | ne/Print | Lisa G. Lippert | Registration Number | 78332 | |
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| Electronic Acknowledgement Receipt | |
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| EFS ID: | 44045115 |
| Application Number: | 16641985 |
| International Application Number: | |
| Confirmation Number: | 7650 |
| Title of Invention: | METHODS FOR MAKING AND USING ENDOXIFEN |
| First Named Inventor/Applicant Name: | Steven C. Quay |
| Customer Number: | 27148 |
| Filer: | Lisa Gail Lippert/Megan Thornton |
| Filer Authorized By: | Lisa Gail Lippert |
| Attorney Docket Number: | 109559-669805 |
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| Payment Type | DA |
| Payment was successfully received in RAM | \$130 |
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New Applications Under 35 U.S.C. 111

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New International Application Filed with the USPTO as a Receiving Office

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| | Application Number | 16/641,985 | |
| INFORMATION DISCLOSURE | Filing Date | 02-25-2020 | |
| STATEMENT BY APPLICANT | First Named Inventor | STEVEN; C. Quay | |
| (Use as many sheets as necessary) | Art Unit | 1612 | |
| (Ose as many should as necessary) | Examiner Name | DAVIS, BRIAN J | |
| Sheet 1 of 8 | Attorney Docket Number | 109559-669805 | |

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| Examiner Signature | /BRIAN J DAVIS/ | Date Considered | 10/22/2021 |
|-----------------------|-----------------|--------------------|------------|

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Receipt date: 10/15/2021

16/641,985 - GAU: 1612

Complete if Known Substitute for form 1449/PTO Application Number 16/641,985 Filing Date 02-25-2020 INFORMATION DISCLOSURE First Named Inventor STEVEN; C. Quay STATEMENT BY APPLICANT Art Unit 1612 (Use as many sheets as necessary) Examiner Name DAVIS, BRIAN J Attorney Docket Number 109559-669805 6 8 Sheet of

| | | NON-PATENT LITERATURE DOCUMENTS | |
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| 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 |
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| STATEMENT BY APPLICANT | | | | | First Named Inventor | STEVEN; C. Quay |
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| | | (Osc as many sheet | 3 43 1100 | 1033ai y) | Examiner Name | DAVIS, BRIAN J |
| Shee | et | 8 | of | 8 | Attorney Docket Number | 109559-669805 |

| | CERTIFICATION STATEMENT | | | | | |
|---|---|------------------|---------------------|------------|--|--|
| Pleas | Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s): | | | | | |
| | That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1). | | | | | |
| OR | | | | | | |
| | That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2). | | | | | |
| | See attached certification statement. | | | | | |
| | Fee set forth in 37 CFR 1.17 (p) has been submitted herewith. | | | | | |
| \boxtimes | 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 | | /Lisa G Lippert/ | Date (YYYY-MM-DD) | 2021-10-15 | | |
| Name/Print | | Lisa G. Lippert | Registration Number | 78332 | | |
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