502729702 03/19/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2776308

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| IAN MCKINLEY | 03/18/2014 |
| LAURENT PILON | 03/18/2014 |

RECEIVING PARTY DATA

| Name: | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA |
|-------------------|---|
| Street Address: | 1111 FRANKLIN STREET |
| Internal Address: | TWELFTH FLOOR |
| City: | OAKLAND |
| State/Country: | CALIFORNIA |
| Postal Code: | 94607-5200 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14219958 |

CORRESPONDENCE DATA

Fax Number: (650)856-3710

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: (650) 856-3700 **Email:** nkim@foley.com

Correspondent Name: FOLEY & LARDNER LLP Address Line 1: 3000 K STREET N.W.

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20007-5109

| ATTORNEY DOCKET NUMBER: | 102352-0352 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | CLIFF Z. LIU |
| SIGNATURE: | /Cliff Z. Liu/ |
| DATE SIGNED: | 03/19/2014 |

Total Attachments: 2

source=102352-0352_ASSIGNMENT_03192014#page1.tif source=102352-0352_ASSIGNMENT_03192014#page2.tif

PATENT 502729702 REEL: 032479 FRAME: 0033

ASSIGNMENT

UC. Case No. 102352-0352

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Ian McKinley, Laurent G. Pilon

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

THERMOMECHANICAL CYCLE FOR THERMAL AND/OR MECHANICAL ENERGY CONVERSION USING PIEZOELECTRIC MATERIALS

and which is found in

executed this

(a) x U.S. patent application filed herewith and listing the above named persons as inventors

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

Signature of Inventor(s)

| 8 day of March | , 2014 | Ian McKinley | ক্ষান্ত প্ৰতিষ্ঠান বিভাগত বিশ্ববাধী কৰিব কৰিব কৰিব কৰিব কৰিব কৰিব কৰিব কৰিব |
|----------------|--------|---------------|--|
| day ofMarch | , 2014 | Laurent Pilon | and the state of t |
| | | | |

Assignee hereby accepts this Assignment:

Name Title Date

Cliff Z. Liu, on behalf of Assignee

ASSIGNMENT

UC. Case No. 102352-0352

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Ian McKinley, Laurent G. Pilon

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

THERMOMECHANICAL CYCLE FOR THERMAL AND/OR MECHANICAL ENERGY CONVERSION USING PIEZOELECTRIC MATERIALS

and which is found in

executed this

(a) x U.S. patent application filed herewith and listing the above named persons as inventors

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

| executed this | Signature of Inventor(s |) |
|--|-------------------------|-----------|
| day of, 2014 | | |
| 18 day of <u>March</u> , 2014 | Ian McKinley | |
| | Laurent Pilon | \forall |
| | | |
| Assignee hereby accepts this Assignment: | | |
| 0 | Attorny for House | 3/19/2014 |
| Name | Title | Date |

Cliff Z. Liu, on behalf of Assignee

PATENT REEL: 032479 FRAME: 0035

RECORDED: 03/19/2014