PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4380833

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| DANIEL LEVNER | 03/09/2017 |
| GUY ROBERT THOMPSON | 02/15/2017 |
| NORMAN WEN | 02/14/2017 |
| LEWIS ROWE | 02/17/2017 |

RECEIVING PARTY DATA

| Name: | EMULATE, INC. |
|-----------------|---------------|
| Street Address: | 27 DRYDOCK |
| City: | BOSTON |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02210 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 29576811 | |

CORRESPONDENCE DATA

Fax Number: (510)788-8786

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: OAKLAND, CALIFORNIA 94612

| ATTORNEY DOCKET NUMBER: | EMULATE-18393 | |
|-------------------------|----------------|--|
| NAME OF SUBMITTER: | ABBY EVERSON | |
| SIGNATURE: | /abby everson/ | |
| DATE SIGNED: | 04/24/2017 | |

Total Attachments: 2

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PATENT REEL: 042124 FRAME: 0112

504334146

Attorney Docket No.: EMULATE-18393

ASSIGNMENT

WHEREAS, We, Daniel Levner, Guy Robert Thompson, Norman Wen and Lewis Rowe, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Translucent Microfluidic Chip Without Pressure Features Filing Date: 09/07/2016**Serial No.: **29/576.811**

WHEREAS, Emulate, Inc., 27 Drydock, Boston, MA 02210, herein after referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNOE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Daniel Levner

Date

| County | County

PATENT REEL: 042124 FRAME: 0113

NOTARY PUBLIC

Attorney Docket No.: EMULATE-18393

| | RECORDATION FO | U.S. Department of Commerce | | | | |
|---|-------------------------------|---|---|--|--|--|
| Form PTO-1595 | PATENTS ONLY | | Patent and Trademark Office | | | |
| To the Honorable Commission | er of Patents and Trademarks: | Please record the attached orig | inal documents or copy thereof. | | | |
| 1. Name of conveying pa Daniel Levner Guy Robert Thompso Norman Wen Lewis Rowe | rty(ies): | | f receiving party(ies): | | | |
| Additional name(s) of conveying party(ies) attached? No | | Additional name(s) & address(es) attached? No | | | | |
| 3. Nature of conveyance: Assignment Execution Date: 03/09/2017 02/15/2017 02/14/2017 02/17/2017 | | | | | | |
| 4. Title of Invention: Translucent Microfluidic Chip Without Pressure Features | | | | | | |
| A. New Patent Applica | tion No.(s): 29/576,811 | B. Patent No. | (s): N.A . | | | |
| | Additional num | bers attached? No | | | | |
| 5. Name and address of par | P 010 | 6. Total number of app | olications and patents involved: 1 | | | |
| concerning document sho Peter G. Carroll MEDLEN & CARROLL, LLP | | | uary 01, 2014, as an electronic amount of \$40 (\$40 Recordation | | | |
| 1440 Broadway, Suite 16 Oakland, California 946 | | | is hereby authorized to charge any redit any overpayment to Deposit | | | |
| DO NOT USE THIS SPACE | | | | | | |
| 9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Date: April 21, 2017 Signature: Name: Peter G. Carroll | | | | | | |
| | | Reg. No.: 32,837 | | | | |

PATENT REEL: 042124 FRAME: 0114

RECORDED: 04/24/2017