PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL LEVNER	01/09/2018
JOSIAH DANIEL SLIZ	03/26/2018
CHRISTOPHER DAVID HINOJOSA	01/10/2018
JOSHUA GOMES	01/12/2018
KYUNG JIN JANG	01/10/2018

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:	15647853

CORRESPONDENCE DATA

Fax Number:

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

Phone: 5107888781

Email: aaeverson@medlencarroll.com,rldalton@medlencarroll.com,docketing@medlencarroll

Correspondent Name:MEDLEN AND CARROLL, LLPAddress Line 1:1440 BROADWAY, SUITE 1010Address Line 4:OAKLAND, CALIFORNIA 94612

ATTORNEY DOCKET NUMBER:	EMULATE-18677
NAME OF SUBMITTER:	ABBY EVERSON
SIGNATURE:	/abby everson/
DATE SIGNED:	04/23/2018

Total Attachments: 2

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PATENT REEL: 045995 FRAME: 0741

Attorney Docket No.: EMULATE-18677

ASSIGNMENT

WHEREAS, We, Daniel Levner, Josiah Daniel Sliz, Christopher David Hinojosa, Joshua Gomes, and Kyung Jin Jang, 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: Removing Bubbles in a Microfluidic Device Filing Date: 7/12/2017 Serial No.: 15/647,853

WHEREAS, Emulate, Inc., 27 Drydock, Boston, MA 02210, herein after referred to as "ASSIGNEE", is destrous 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 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.

Levner, Daniel	Date	
20ed 20)	1019-01-10	
Slix, Josiah Daniel	Date	
- 13	1710/18	
Hinojosa, Christopher David	Date	
	1/6/2018	
Comes, Joshua	Date	
	1/1=/18	
Jáng, Kyung Jin	Date	
STATE OF)	
) ss.	
COUNTY OF)	
On this day of	, in the year of	before me, the undersigned notary public, personally
appeared the above-named ASSIGNO	R, known to me (or proved to me on the and acknowledged that he/she executed the	oasis of satisfactory evidence) to be the person whose name
		NOTARY PUBLIC
OCAT		

PATENT REEL: 045995 FRAME: 0742

Attorney Docket No.: EMULATE-18677

ASSIGNMENT

WHEREAS, Wc. Daniel Leyner, Josiah Daniel Süz, Christopher David Hinojass, Joshus Gomes, and Kyung Jin Jang, 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: Removing Bubbles in a Microfluidic Device Filing Date: 7/12/2017 Serial No.: 15/647,853

WHEREAS, Emulate, Inc., 27 Drydock, Bosion, MA 02210, herein after referred to as "ASSIONEE", 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, seceipt 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, relastics, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full and 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 relasses 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 horeused signed ASSIGNOR's names to this assignment on the date indicated below.

	- //4/18	
Levner, Daniel	Date	,
2nd DC)	<u>ZO18-0</u> 1-10 3DS (1018-03-26)
Milix, Josiah Dipplel	Date	
<u> </u>	11wjid	
Hinojosy, Christopher David	Date	
	1/12/3018	
Comer, Joshua	Date'	
	1/1-/18	
Jáng, Kyung Jin	Date	
STATE OF)	
COUNTY OF) 38, '	
~~~	,	
On this day of	, in the year of	, before me, the undersigned notary public, personally
appeared the above-named ASSIGNOR	i, known to me (or proved to me on t	he basis of satisfactory evidence) to be the person whose name
is subscribed to the within instrument, a	nd acknowledged that he/she execute	ii the same.
	***	NOTARY PUBLIC
SEAL		

PATENT REEL: 045995 FRAME: 0743

RECORDED: 04/23/2018