507653100 12/16/2022 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
YU-HWA LO		11/22/2011
CHUN HAO RANDY CHEN		11/22/2011
SUNG HWAN CHO		11/22/2011
FRANK TSAI		11/22/2011

RECEIVING PARTY DATA

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Internal Address:	FIFTH FLOOR	
City:	OAKLAND	
State/Country:	CALIFORNIA	
Postal Code:	94607-5200	

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	14683572
Application Number:	15722550
Application Number:	16435354
Application Number:	17806886

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:		55535-704.301,303,304,305	
NAME OF SUBMITTER: KATE NELSON		KATE NELSON	
SIGNATURE:		/Kate Nelson/	

DATE SIGNED:	12/16/2022	
Total Attachments: 4		
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ASSIGNMENT

We, <u>Yu-Hwa Lo</u>, of San Diego, California; <u>Chun Hao Randy Chen</u>, of Arcadia, California; <u>Sung Hwan Cho</u>, of La Jolla, California; and <u>Frank Tsai</u>, of San Diego, California; hereby assign to <u>The Regents of the University of California</u>, a university of California, having a place of business at 1111 Franklin Street, 5th Floor, Oakland, California 94607-5200, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent filed by us, entitled *FLUIDIC FLOW CYTOMETRY DEVICES AND PARTICLE SENSING BASED ON SIGNAL-ENCODING*, filed September 4, 2011, and assigned U.S. Serial Number 13/254,851.

This assignment includes said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. We authorize the Assignee to apply in all countries in our names or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, we hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between us and the Assignee existing at the time said inventions and improvements were made. Should we have any remaining interest, we hereby sell, assign, and transfer any right, title and interest we may have in said inventions and improvements and improvements and interest.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the aforementioned employment agreement.

09062-8151.US02/LEGAL22181333.1

PATENT REEL: 062131 FRAME: 0549

We hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignce.

We further covenant for ourselves and our respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to us and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

DATE:	11/22/11
DATE:	11/22/11
DATE:	11/22/11

VU-HWALO

CHUN HAO RANDY CHEN

SUNG HWAN CHO

DATE:

FRANK TSAI

09062-8151.US02/LEGAL22181333.1

<u>ASSIGNMENT</u>

We, <u>Yu-Hwa Lo</u>, of San Diego, California; <u>Chun Hao Randy Chen</u>, of Arcadia, California; <u>Sung Hwan Cho</u>, of La Jolla, California; and <u>Frank Tsai</u>, of <u>San Diego</u>, California; hereby assign to <u>The Regents of the University of California</u>, a university of California, having a place of business at 1111 Franklin Street, 5th Floor, Oakkand, California 94607-5200, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent filed by us, entitled *FLUIDIC FLOW CYTOMETRY DEVICES AND PARTICLE SENSING BASED ON SIGNAL-ENCODING*, filed September 4, 2011, and assigned U.S. Serial Number 13/254,851.

This assignment includes said application, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. We authorize the Assignee to apply in all countries in our names or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

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The fore going assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the aforementioned employment agreement.

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We hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

We further covenant for ourselves and our respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to us and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

DATE:		YU-HWA LO
DATE		CHUN HAO RANDY CHEN
DATE		SUNG HWAN CHO
DATE	Nov. 22, 2011	FRANK TSAI

RECORDED: 12/16/2022