505083766 09/07/2018

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| KAZUO TAKEDA | 07/09/2012 |

RECEIVING PARTY DATA

| Name: | ON-CHIP BIOTECHNOLOGIES CO., LTD | |
|-------------------|------------------------------------------------|--|
| Street Address: | 204, NOKODAI TAMAKOGANEI VENTURE PORT, 2-24-16 | |
| Internal Address: | NAKA-CHO, KOGANEI-SHI | |
| City: | TOKYO | |
| State/Country: | JAPAN | |
| Postal Code: | 184-0012 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16124951 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 2352.049A |
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| NAME OF SUBMITTER: | ERICA HINES |
| SIGNATURE: | /Erica M. Hines/ |
| DATE SIGNED: | 09/07/2018 |

Total Attachments: 1

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PATENT 505083766 REEL: 046816 FRAME: 0852

ASSIGNMENT

WHEREAS, I, Kazuo TAKEDA, citizen of Japan, residing at 4.25.15.407, Shinkawa, Mitaka-shi, Tokyo 181-0004, Japan, have invented certain new and useful improvements in

DISPOSABLE CHIP-TYPE FLOW CELL AND FLOW CYTOMETER USING THE SAME

for which I have executed an application for Letters Patent of the United States, of even date herewith; and;

WHEREAS, ON-CHIP BIOTECHNOLOGIES CO., LTD. of 204, Nokodai TamaKoganei Venture Port, 2-24-16, Naka-cho, Koganei-shi, Tokyo 184-0012, Japan is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I the said assignor have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said assignee, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and generally do everything possible to aid the said assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my/our own free act and that all of the foregoing is true and correct.

Date: July 9, 2012 s/ Lasur Jakeda

PATENT REEL: 046816 FRAME: 0853

RECORDED: 09/07/2018