

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SHARP LABORATORIES OF AMERICA, INC. | 08/29/2018 |
| RECEIVING PARTY DATA | |
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| State/Country: | JAPAN |
| Postal Code: | 590-8522 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Patent Number: | 10054447 |
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| NAME OF SUBMITTER: | HATTIE E. GOLDIE |
| SIGNATURE: | /Hattie E. Goldie/ |
| DATE SIGNED: | 08/29/2018 |
| Total Attachments: 1 | |
| source=SLA3599 Assignment to SKK#page1.tif | |

CORPORATE-TO-CORPORATE ASSIGNMENT

WHEREAS, SHARP LABORATORIES OF AMERICA, INC. (hereinafter "SLA"), a corporation of the State of Washington, having an address at 5750 NW Pacific Rim Blvd., Camas, Washington 98607, USA, is, by an assignment document recorded in the assignment records of the United States Patent and Trademark Office, at Reel / Frame: 039470 / 0220, the present assignee and record owner of the following United States Letters Patent(s) (hereinafter "said patent(s)");

| <u>Patent No.</u> | <u>Issue Date</u> | <u>SLA File No.</u> |
|-------------------|-------------------|---------------------|
| 10,054,447 | 08/21/2018 | SLA3599 |

and in the invention(s) to which said patent(s) pertain(s) (hereinafter "said invention"); and

WHEREAS, SHARP KABUSHIKI KAISHA (hereinafter "Sharp"), a Japanese Corporation, having an address at 1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan, is the true and equitable owner of all patents which ultimately issue from patent applications filed by SLA covering inventions arising from research funded by Sharp under the terms of a mutual agreement between SLA and Sharp (hereinafter "said Basic Agreement"); and

WHEREAS, SLA and Sharp mutually acknowledge and agree that the terms of said Basic Agreement are applicable to said patent(s) and said invention(s) and that, by operation of said Basic Agreement, Sharp is, upon issuance of said patent(s), the true and equitable owner of any and all rights which SLA may possess in and to said patent(s) and said invention(s) and, furthermore, that Sharp is entitled to formal assignment of all of SLA's rights therein to Sharp, including recordation of such assignment in the records of the United States Patent and Trademark Office.

NOW, THEREFORE, for good and valuable consideration acknowledged by SLA to have been received in full from Sharp, SLA does hereby sell, assign, transfer, convey, and quitclaim unto Sharp all of SLA's right, title and interest in and to said patent(s) and said invention(s).

The terms and covenants of this Assignment shall inure to the benefit of Sharp, its successors, assigns and other legal representatives, and shall be binding upon SLA, its successors, assigns and other legal representatives.

The undersigned is authorized to act on behalf of the present assignee, SLA.

Sharp Laboratories of America, Inc.

Dated: August 29, 2018

/David C. Ripma/

David C. Ripma, Registration No. 27,672
Patent Counsel of MiiCs IP, Inc. a subsidiary of
SBPJ Co., Ltd. and Sharp Corporation