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PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| MASARU KITSUREGAWA | 08/26/2017 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 5

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14881487 |
| Patent Number: | 7827167 |
| Patent Number: | 8041707 |
| Patent Number: | 8224812 |
| Patent Number: | 9177027 |

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PATENT REEL: 043561 FRAME: 0841

504543329

| ATTORNEY DOCKET NUMBER: | ASA-5442, 02, 03, 04, 05 |
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| NAME OF SUBMITTER: | SHRINATH MALUR |
| SIGNATURE: | /Shrinath Malur/ |
| DATE SIGNED: | 09/12/2017 |

Total Attachments: 2

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PATENT REEL: 043561 FRAME: 0842

W3094-01-05

ASSIGNMENT

WHEREAS, Masaru KITSUREGAWA (hereinafter referred to as ASSIGNOR), is the owner, by assignment, of the following United States Patent Application and United States Patents:

- U.S. Patent No. 7,827,167, issue date November 2, 2010;
- U.S. Patent No. 8,041,707, issue date October 18, 2011;
- U.S. Patent No. 8,224,812, issue date July 17, 2012;
- U.S. Patent No. 9,177,027, issue date November 3, 2015; and
- U.S. Serial No. 14/881,487, filing date October 13, 2015.

WHEREAS, Masaru KITSUREGAWA and Kazuo GODA (hereinafter referred to as ASSIGNEES), at 55-24, Gotokuji 1-chome, Setagaya-ku, Tokyo 154-0021, JAPAN, and 23-21, Sakashita 3-chome, Itabashi-ku, Tokyo 174-0043, JAPAN, are desirous of acquiring joint ownership of ASSIGNOR's entire right, title and interest, in, to and under said patent application and said patents, and any and all renewals, reissues, reexaminations and extensions thereof.

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, said ASSIGNOR has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to said ASSIGNEES, his entire right, title and interest, in, to and under said patent application and said patents and all renewals, reissues, reexaminations and extensions thereof, including any and all priority and or convention rights accruing or to accrue with respect to the filing or securing of patents in the United States, including the right to sue for past infringement, the same to be held and enjoyed by said ASSIGNEES for their own use and enjoyment, and for the use and enjoyment of their successors,

PATENT REEL: 043561 FRAME: 0843 Assignment from Masaru KITSUREGAWA to Masaru KITSUREGAWA and Kazuo GODA

assigns, or other legal representatives, to the end of the term for which said patent application and said patent of the United States are granted including any and all renewals, reissues, reexaminations and extensions thereof, as fully and entirely, as the same would have been held and enjoyed by the said ASSIGNOR, if this assignment and sale had not been made.

WHEREBY, ASSIGNOR hereby grants the law firm of MATTINGLY & MALUR, PC., the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

RECORDED: 09/12/2017

By: Masaru KITSUREGAWA

2