

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                     |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                         |
| <b>CONVEYING PARTY DATA</b>   |                                    |
| <b>Name</b>   | <b>Execution Date</b>              |
| AYAKA AKUTAGAWA   | 10/23/2014                         |
| YUICHI TADA   | 10/26/2014                         |
| TOMONORI HATTA  | 10/23/2014                         |
| <b>RECEIVING PARTY DATA</b>   |                                    |
| <b>Name:</b>  | TERUMO KABUSHIKI KAISHA            |
| <b>Street Address:</b>  | 44-1, HATAGAYA 2-CHOME, SHIBUYA-KU |
| <b>City:</b>  | TOKYO                              |
| <b>State/Country:</b>   | JAPAN                              |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                    |
| <b>Property Type</b>  | <b>Number</b>                      |
| <b>Application Number:</b>  | 14397409                           |
| <b>CORRESPONDENCE DATA</b>  |                                    |
| <b>Fax Number:</b>  | (212)643-6500                      |
| <i>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.</i> |                                    |
| <b>Phone:</b>   | -212-643-7000                      |
| <b>Email:</b>   | MALMONTE@SILLSCUMMIS.COM           |
| <b>Correspondent Name:</b>  | SILLS CUMMIS & GROSS P.C.          |
| <b>Address Line 1:</b>  | 101 PARK AVENUE                    |
| <b>Address Line 2:</b>  | 28TH FLOOR                         |
| <b>Address Line 4:</b>  | NEW YORK, NEW YORK 10178           |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 03600150.US01.016                  |
| <b>NAME OF SUBMITTER:</b>   | CHARLES E. MILLER                  |
| <b>SIGNATURE:</b>   | /Charles E. Miller/                |
| <b>DATE SIGNED:</b>   | 10/27/2014                         |
| <b>Total Attachments: 2</b>   |                                    |
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| source=Assignment_2013005US_All#page2.tif   |                                    |

## ASSIGNMENT

WHEREAS, we Ayaka AKUTAGAWA of Kanagawa, Japan, Yuichi TADA of Kanagawa, Japan, and Tomonori HATTA of Kanagawa, Japan (hereinafter referred to as "ASSIGNORS"), are the inventors of an Invention (hereinafter referred to as "INVENTION") in an application for Letters Patent titled OPERATING MEMBER, was executed on even date herewith; and/or being identifiable in the United States Patent and Trademark Office by Application No., 14/397,409, filed October 27, 2014; and

WHEREAS, it is the intention of ASSIGNORS and TERUMO KABUSHIKI KAISHA having an address at 44-1, HATAGAYA 2-CHOME, SHIBUYA-KU, TOKYO, JAPAN (hereinafter collectively "ASSIGNEE"), that ASSIGNEE shall own all of ASSIGNORS' rights, titles and interests in and to the Invention, including all of ASSIGNORS' U.S., foreign and international patent rights therein.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNORS transfer to ASSIGNEE, its successors and assigns, ASSIGNORS' entire rights, titles and interests in and to the Invention, the above-identified application(s), corresponding domestic and foreign applications claiming rights or benefits to the above-identified application(s) including provisional applications, non-provisional applications, continuation applications, continuing applications, divisional applications, reissue applications, reexamination applications, design applications and continuation-in-part applications, all Letters Patent(s) or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention, including all rights of priority; and ASSIGNORS authorize the Director of the United States Patent and Trademark Office or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the ASSIGNEE.

ASSIGNORS authorize the ASSIGNEE, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

ASSIGNORS authorize the ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

ASSIGNORS represent to the ASSIGNEE, its successors and assigns, that ASSIGNORS have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. ASSIGNORS, its executors or administrators, will at any time upon request, without additional consideration, but at the expense of the ASSIGNEE, its successors and assigns, execute such additional writings and do such additional acts as the ASSIGNEE, its successors and assigns, may deem desirable to perfect its enjoyment of this Assignment, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Oct. 23, 2014  
Date

Ayaka Akutagawa  
Ayaka AKUTAGAWA

Oct. 26, 2014  
Date

Yuichi Tada  
Yuichi TADA

Oct. 28, 2014  
Date

Tomonori Hatta  
Tomonori HATTA