

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

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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> |
|                                                                                                                                                                                                 | SHARP LABORATORIES OF AMERICA, INC. | 06/18/2013            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                     |                       |
| <b>Name:</b>                                                                                                                                                                                    | SHARP KABUSHIKI KAISHA              |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 22-22 NAGAIKE-CHO                   |                       |
| <b>City:</b>                                                                                                                                                                                    | ABENO-KU, OSAKA-SHI, OSAKA          |                       |
| <b>State/Country:</b>                                                                                                                                                                           | JAPAN                               |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 545-8522                            |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                     |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>                | <b>Number</b>         |
|                                                                                                                                                                                                 | Application Number:                 | 16031740              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                     |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (801)606-2774                       |                       |
| <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>                                                                                                                                                                                   | 801-537-1700                        |                       |
| <b>Email:</b>                                                                                                                                                                                   | wla-admin@austin-rapp.com           |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | WESLEY L. AUSTIN                    |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 170 S. MAIN ST., STE. 735           |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | SALT LAKE CITY, UTAH 84101          |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 111159-3US 3292.2.183.1.2           |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | WESLEY L. AUSTIN                    |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Wesley L. Austin/                  |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 08/21/2018                          |                       |
| <b>Total Attachments: 1</b>                                                                                                                                                                     |                                     |                       |
| source=111159-3US_Assignment_Sharp_3292-2-183-1-2#page1.tif                                                                                                                                     |                                     |                       |

## CORPORATE-TO-CORPORATE ASSIGNMENT

WHEREAS, Sharp Laboratories of America, Inc. (hereinafter "SLA"), a corporation of the State of Washington, having a place of business at 5750 NW Pacific Rim Boulevard, Camas, Washington 98607, is, by an assignment document recorded in the assignment records of the United States Patent and Trademark Office, at Reel / Frame: **026424 / 0560**, the assignee and record owner of an invention entitled:

### "Devices for Multi-Group Communications"

invented by **Shohei YAMADA** (hereinafter "said Invention"), including a US patent application filed by SLA on **4/8/2011**, Serial No. **13/083,456**, pertaining thereto (hereinafter "the '**456** application");

WHEREAS, Sharp Kabushiki Kaisha (hereinafter "Sharp"), a Japanese Corporation, having an address at 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 545-8522, Japan, is the parent company and owner of SLA; and

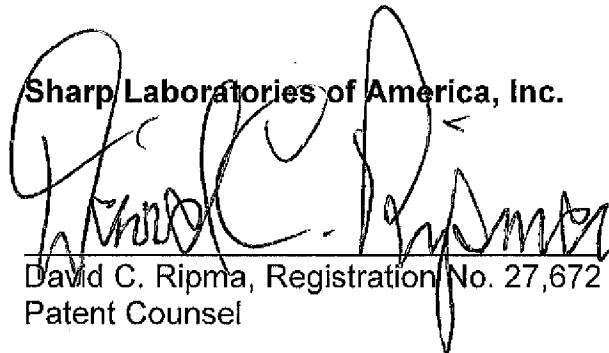
WHEREAS, SLA and Sharp wish to transfer ownership of said Invention, including the '**456** application, from SLA to Sharp;

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 Invention, including the '**456** application.

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 assignee.

Sharp Laboratories of America, Inc.



David C. Ripma, Registration No. 27,672  
Patent Counsel

Dated: **June 18, 2013**