# PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| SHINYA YAMAMOTO   | 06/18/2014     |
| TOHRU MURAMATSU   | 06/18/2014     |
| MASAKAZU MURANAGA | 06/18/2014     |

## **RECEIVING PARTY DATA**

| Name:           | FUJITSU COMPONENT LIMITED                   |
|-----------------|---|
| Street Address: | 3-5, HIGASHI-GOTANDA 2-CHOME, SHINAGAWA-KU, |
| City:           | TOKYO                                       |
| State/Country:  | JAPAN                                       |
| Postal Code:    | 141-8630                                    |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14310007 |

## **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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| ATTORNEY DOCKET NUMBER: | 14FC-007       |
|-------------------------|----------------|
| NAME OF SUBMITTER:      | HERMAN PARIS   |
| SIGNATURE:              | /Herman Paris/ |
| DATE SIGNED:            | 06/20/2014     |

#### **Total Attachments: 3**

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PATENT 502860670 REEL: 033147 FRAME: 0694

| RECORDATION FORM COVER SHEET  PATENTS ONLY  |  |  |
|---|--|--|
| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.   |  |  |
| To the Director of the U.S. Patent and Trademark Office: Pi  1. Name of conveying party(ies)  Shinya Yamamoto, Tohru Muramatsu Masakazu Muranaga  Additional name(s) of conveying party(ies) attached? Yes   3. Nature of conveyance/Execution Date(s):  Execution Date(s) June 18, 2014  Assignment Merger  Security Agreement Change of Name Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License | 2. Name and address of receiving party(ies) Name: FUJITSU COMPONENT LIMITED Internal Address:  Street Address: 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku,  City Tokyo                       |  |
| Other   | . Additional name(s) & address(es) attached?  Yes  No  |  |
| A. Patent Application No.(s)  Additional numbers  | his document serves as an Oath/Declaration (37 CFR 1.63).  B. Patent No.(s)  s attached? Yes No  |  |
| 5. Name and address to whom correspondence concerning document should be mailed:  | 6. Total number of applications and patents involved: 1  |  |
| Name: IPUSA, PLLC Internal Address:   | 7. Total fee (37 CFR 1.21(h) & 3.41) \$  |  |
| Street Address: 1054 31st Street, N.W., Suite 400   | Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)   |  |
| City: Washington  | 8. Payment Information   |  |
| State: DC Zip: 20007  |  |  |
| Phone Number: 202-797-4181  Docket Number: 14FC-007  Email Address: ipusa@ipusapat.com  | Deposit Account Number 50-4424  Authorized User Name Herman W. Paris   |  |
| 9. Signature: /Herman W. F  | Paris/ June 20, 2014   |  |
| •   | Total number of pages including cover sheet, attachments, and documents:  sheet) should be faxed to (571) 273-0140, or malled to: or of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 |  |

PATENT REEL: 033147 FRAME: 0695

#### **ASSIGNMENT**

THIS ASSIGNMENT, by (1) Shinya Yamamoto, (2) Tohru Muramatsu, and (3) Masakazu Muranaga (hereinafter referred to as "Assignors"), residing at (1) Shinagawa, Japan, (2) Shinagawa, Japan, and (3) Shinagawa, Japan, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in ELECTRONIC COMPONENT MODULE, BOARD, AND METHOD OF MANUFACTURING ELECTRONIC COMPONENT MODULE,

| (Application No                | o                                       | . filed |  | • |
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set forth in a patent application for Letters Patent of the United States, either previously filed or executed concurrently herewith; and

WHEREAS, FUJITSU COMPONENT LIMITED (hereinafter referred to as "Assignee"), having offices at 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8630 Japan, is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuation-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and Assignment not been made;

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and application for Letters Patent above-mentioned, and that the same are

unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignors hereby request that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

**AND** Assignors hereby grant the following individuals 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: All practitioners associated with the Customer Number 77464.

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

| June 18, 2014 | Shinya Jamamo to Shinya Yamamoto |
|---------------|----------------------------------|
| Date          | Shinya Yamamoto                  |
| June 18, 2014 | John muramatra                   |
| Date          | Tohru Muramatsu                  |
| June 18, 2014 | masabazu . mwzanagev             |
| Date          | Masakazu Muranaga                |