

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takashi Yuba</td> <td>05/28/2012</td> </tr> <tr> <td>Daiei Iwamoto</td> <td>05/28/2012</td> </tr> <tr> <td>SeungSeok Beak</td> <td>05/28/2012</td> </tr> <tr> <td>Koichi Kiryu</td> <td>05/28/2012</td> </tr> <tr> <td>Akio Nakamura</td> <td>05/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takashi Yuba	05/28/2012	Daiei Iwamoto	05/28/2012	SeungSeok Beak	05/28/2012	Koichi Kiryu	05/28/2012	Akio Nakamura	05/28/2012
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SeungSeok Beak	05/28/2012												
Koichi Kiryu	05/28/2012												
Akio Nakamura	05/28/2012												
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13541833</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13541833								
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Application Number:	13541833												
CORRESPONDENCE DATA													
Fax Number:	(202)797-8188												
Phone:	202 797 4181												
Email:	IPUSA@IPUSAPAT.COM, ips@tohpat.co.jp												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	IPUSA, P.L.L.C												
Address Line 1:	1054 31ST STREET, N.W.												
Address Line 2:	Suite 400												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20007												
ATTORNEY DOCKET NUMBER:	12FC-025												
NAME OF SUBMITTER:	Chris Tanner												
Total Attachments: 3 source=12FC-025AssignmentRecordation#page1.tif source=12FC-025AssignmentRecordation#page2.tif source=12FC-025AssignmentRecordation#page3.tif													

CH \$40.00 13541833

PATENT


### 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.

<b>1. Name of conveying party(ies)</b> Takashi Yuba, Daiei Iwamoto, SeungSeok Beak, Koichi Kiryu, Akio Nakamura  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>FUJITSU COMPONENT LIMITED</u> Internal Address: _____  Street Address: <u>3-5, Higashi-Gotanda 2-chome,</u> <u>Shinagawa-ku,</u> City: <u>Tokyo</u> State: _____ Country: <u>Japan</u> Zip: <u>141-8630</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>May 28, 2012</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	

<b>4. Application or patent number(s):</b> A. Patent Application No.(s) _____ B. Patent No.(s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> This document is being filed together with a new application.
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<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>IPUSA, PLLC</u> Internal Address: _____  Street Address: <u>1054 31st Street, N.W., Suite 400</u>  City: <u>Washington</u> State: <u>DC</u> Zip: <u>20007</u> Phone Number: <u>202-797-4181</u> Fax Number: <u>202-797-8188</u> Email Address: <u>ipusa@ipusapat.com</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$40.00</b> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-4424</u> Authorized User Name <u>Christopher M. Tanner</u>
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<b>9. Signature:</b> <u></u> Signature Date: <u>July 5, 2012</u> Name of Person Signing: <u>Christopher M. Tanner</u> Total number of pages including cover sheet, attachments, and documents: <u>3</u>
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

THIS ASSIGNMENT, by (1) Takashi Yuba, (2) Daiei Iwamoto, (3) SeungSeok Beak, (4) Koichi Kiryu and (5) Akio Nakamura, (hereinafter referred to as "Assignors"), residing at (1) Shinagawa, Japan, (2) Shinagawa, Japan, (3) Shinagawa, Japan, (4) Nagano, Japan and (5) Shinagawa, Japan, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in

SWITCH DEVICE AND CONNECTOR, set forth in a patent application for Letters Patent of the United States, 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 to 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.

May 28, 2012

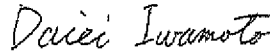
Date



Takashi Yuba

May 28, 2012

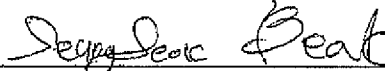
Date



Daiei Iwamoto

May 28, 2012

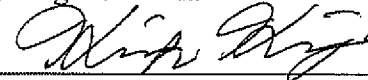
Date



SeungSeok Beak

May 28, 2012

Date



Koichi Kiryu

May 28, 2012

Date



Akio Nakamura