

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2711887

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>SEUNG SEOK BEAK</td> <td>02/03/2014</td> </tr> <tr> <td>KOICHI KIRYU</td> <td>02/03/2014</td> </tr> <tr> <td>TAKASHI YUBA</td> <td>02/03/2014</td> </tr> <tr> <td>DAIEI IWAMOTO</td> <td>02/03/2014</td> </tr> <tr> <td>AKIO NAKAMURA</td> <td>02/03/2014</td> </tr> <tr> <td>MASATOSHI NORITAKE</td> <td>02/03/2014</td> </tr> <tr> <td>KEIICHI HIROSE</td> <td>02/03/2014</td> </tr> </tbody> </table>		Name	Execution Date	SEUNG SEOK BEAK	02/03/2014	KOICHI KIRYU	02/03/2014	TAKASHI YUBA	02/03/2014	DAIEI IWAMOTO	02/03/2014	AKIO NAKAMURA	02/03/2014	MASATOSHI NORITAKE	02/03/2014	KEIICHI HIROSE	02/03/2014
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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>14236941</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14236941												
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Application Number:	14236941																
CORRESPONDENCE DATA																	
Fax Number:	(202)797-8188																
Phone:	202 797 4181																

Email: IPUSA@IPUSAPAT.COM, ips@itohpat.co.jp
Correspondence will be sent via US Mail when the email attempt is unsuccessful.
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Address Line 2: SUITE 400
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20007

ATTORNEY DOCKET NUMBER:	13FC-033
NAME OF SUBMITTER:	HERMAN PARIS
Signature:	/Herman Paris/
Date:	02/04/2014

Total Attachments: 5
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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.

1. Name of conveying party(ies)
SeungSeok BEAK, Koichi KIRYU, Takashi YUBA,
Daiei IWAMOTO, Akio NAKAMURA,
Masatoshi NORITAKE, Keiichi HIROSE
Additional name(s) of conveying party(ies) attached? Yes No

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
State: _____
Country: JP Zip: 141-8630
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) February 3, 2014
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63).
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: IPUSA, PLLC
Internal Address: _____
Street Address: 1054 31st Street, N.W., Suite 400
City: Washington
State: DC Zip: 20007
Phone Number: 202-797-4181
Docket Number: 13FC-033
Email Address: ipusa@ipusapat.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
Deposit Account Number 50-4424
Authorized User Name Herman W. Paris

9. Signature: /Herman W. Paris/ February 4, 2014
Signature Date
Herman W. Paris
Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: **5**

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

2-1. Additional name(s) and address of receiving party(ies)

Name: NTT FACILITIES, INC.

Internal Address:

Street Address: 4-1, Shibaura 3-chome, Minato-ku,

City: Tokyo

State: _____

Country: Japan ZIP: 108-0023

additional name(s) and Address(es) attached? yes no

ASSIGNMENT

THIS ASSIGNMENT, by (1) SeungSeok BEAK, (2) Koichi KIRYU, (3) Takashi YUBA, (4) Daiei IWAMOTO, (5) Akio NAKAMURA, (6) Masatoshi NORITAKE, and (7) Keiichi HIROSE, (hereinafter referred to as "Assignors"), residing at (1) Shinagawa, Japan, (2) Nagano, Japan, (3) Shinagawa, Japan, (4) Shinagawa, Japan, (5) Shinagawa, Japan, (6) Minato-ku, Japan, and (7) Minato-ku, Japan, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in

CONNECTOR AND CONNECTOR BAR, set forth in a patent application for Letters Patent of the United States, executed concurrently herewith; and

WHEREAS, (1) FUJITSU COMPONENT LIMITED, and (2) NTT FACILITIES, INC. (hereinafter referred to as "Assignee"), having offices at (1) 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8630 Japan and (2) 4-1, Shibaura 3-chome, Minato-ku, Tokyo 108-0023 Japan, respectively, are 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


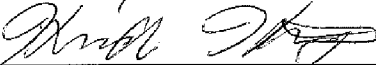
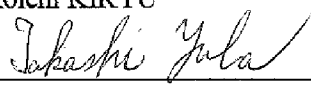


unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

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.

<u>Feb. 3, 2014</u> Date	<u></u> SeungSeok BEAK
<u>Feb. 3, 2014</u> Date	<u></u> Koichi KIRYU
<u>Feb. 3, 2014</u> Date	<u></u> Takashi YUBA
<u>Feb. 3, 2014</u> Date	<u></u> Daiei IWAMOTO
<u>Feb. 3, 2014</u> Date	<u></u> Akio NAKAMURA

Feb. 3, 2014
Date

Feb. 3, 2014
Date

Masatoshi Noritake
Masatoshi NORITAKE

Keiichi Hirose
Keiichi HIROSE