502690144 02/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2736749

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUYUKI MIKI	02/04/2014
MITSURU KOBAYASHI	02/04/2014
TAKATOSHI YAGISAWA	02/03/2014

RECEIVING PARTY DATA

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

Name:	FUJITSU LIMITED
Street Address:	1-1, KAMIKODANAKA 4-CHOME, NAKAHARA-KU, KAWASAKI-SHI,
City:	KANAGAWA
State/Country:	JAPAN
Postal Code:	211-8588

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14186041

CORRESPONDENCE DATA

502690144

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.

Correspondent Name: IPUSA, P.L.L.C

Address Line 1: 1054 31ST STREET, N.W.

Address Line 2: SUITE 400

REEL: 032267 FRAME: 0848

PATENT

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20007	
ATTORNEY DOCKET NUMBER:	13FC-031
NAME OF SUBMITTER:	HERMAN PARIS
Signature:	/Herman Paris/
Date:	02/21/2014
Total Attachments: 6 source=13FC-031AssignmentRecordation#page1.tif source=13FC-031AssignmentRecordation#page2.tif source=13FC-031AssignmentRecordation#page3.tif source=13FC-031AssignmentRecordation#page4.tif source=13FC-031AssignmentRecordation#page5.tif source=13FC-031AssignmentRecordation#page6.tif	

PATENT REEL: 032267 FRAME: 0849

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		Name and address of receiving party(ies)
, ,	,	Name: FUJITSU COMPONENT LIMITED
Yasuyuki Miki, Mitsu Takatoshi Yagisawa	ru Kobayasni,	Internal Address:
ranateem ragicatio		Internal Address.
3. Nature of conveya Execution Date(s) Feb	ying party(ies) attached? Yes Nonce/Execution Date(s): 1. 4, 2014 and Feb. 3, 2014	Street Address: 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku,
✓ Assignment	Merger Merger	Talain
Security Agreeme	nt Change of Name	City: Tokyo
Joint Research Ag	reement	State:
Government Intere	est Assignment	Country: JPzip: 141-8630
Executive Order 9	424, Confirmatory License	Zip.
Other		Additional name(s) & address(es) attached? 🗹 Yes 🗌 No
4. Application or pate A. Patent Application I	No.(s)	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s) B. Patent No.(s)
5. Name and address concerning documer	to whom correspondence	6. Total number of applications and patents involved: 1
Name: IPUSA, PLLC		7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address:		7. Totaliee (37 CFR 1.21(11) & 3.41) \$
micmary adress.		Authorized to be charged to deposit account
Street Address 1054	31st Street N.W. Suite 400	Enclosed
Street Address: 1054 31st Street, N.W., Suite 400		None required (government interest not affecting title)
City: Washington		8. Payment Information
State: DC	Zip: 20007	
•		
Phone Number: 202-7	<u>-031</u>	Deposit Account Number 50-4424
Docket Number: 13FC	-001	Authorized User Name Herman W. Parls
Email Address: ipusa	a@ipusapat.com	
9. Signature:	/Herman W. Pari	is/ February 21, 2014
	Signature	Date
	Herman W. Paris	Total number of pages including cover sheet, attachments, and documents:
Panis	Name of Person Signing	briodi, attabilitionis, and documents.
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		

PATENT REEL: 032267 FRAME: 0850

Name:	FUJITSU LIMITED
Internal Address:	
Street Address:	1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi,
City: State:	Kanagawa

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

PATENT REEL: 032267 FRAME: 0851

<u>ASSIGNMENT</u>

THIS ASSIGNMENT, by (1) Yasuyuki Miki, (2) Mitsuru Kobayashi, and (3) Takatoshi Yagisawa, (hereinafter referred to as "Assignors"), residing at (1) Shinagawa, Japan, (2) Shinagawa, Japan, and (3) Kawasaki, Japan, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in		
CONNECTOR		
(Application No	, filed	
set forth in a patent application for	Letters Patent of the United	States, either previously

filed or executed concurrently herewith; and

WHEREAS, (1) FUJITSU COMPONENT LIMITED, and (2) FUJITSU LIMITED (hereinafter referred to as "Assignees"), having offices at (1) 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8630 Japan, and (2) 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 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 Assignees, their 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 Assignees, for their own use and benefit and the use and benefit of their 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 Assignees, their 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 Assignees under the law or that have already been transferred to Assignees, 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 Assignees, their 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 Assignees, their successors, legal representatives, and assigns, whenever counsel of Assignees, or counsel of their 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 Assignees, as Assignees of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their 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 Assignees at the time the invention was made.

February 4, 2014	<u>Jasuyuki Miku</u> Yasuyuki Miki
Date	Yasuyuki Miki
February 4, 2014	Mitsulu Kobayashi Mitsuru Kobayashi
Date	Mitsuru Kobayashi 🕖
Date	Takatoshi Yagisawa

ASSIGNMENT

THIS ASSIGNMENT, by (1) Yasuyuki Miki, (2) Mitsuru Kobayashi, and (3) Takatoshi Yagisawa, (hereinafter referred to as "Assignors"), residing at (1) Shinagawa, Japan, (2) Shinagawa, Japan, and (3) Kawasaki, Japan, respectively;

		A CONTRACTOR OF THE PROPERTY O
(Application No	filed	<u></u>
set forth in a patent application filed or executed concurrently	n for Letters Patent of the United St herewith; and	ates, either previously

WHEREAS, (1) FUJITSU COMPONENT LIMITED, and (2) FUJITSU LIMITED (hereinafter referred to as "Assignees"), having offices at (1) 3-5. Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8630 Japan, and (2) 1-1. Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 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;

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AND for the same consideration, Assignors hereby represent and warrant to Assignees, their 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 Assignees under the law or that have already been transferred to Assignees, 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

1

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 Assignees, their 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 Assignees, their successors, legal representatives, and assigns, whenever counsel of Assignees, or counsel of their 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 Assignees, as Assignees of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their 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 Assignees at the time the invention was made.

Date	Yasuyuki Miki
Date	Mitsuru Kobayashi
Feb. 3, 2014	Fakatoslai Jagisawa
Date	Takatoshi Yagisawa