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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FUJITSU COMPONENT LIMITED	10/01/2010

RECEIVING PARTY DATA

Name:	NTT FACILITIES, INC.	
Street Address:	3-4-1 Shibaura, Minato-ku	
City:	Tokyo	
State/Country:	/Country: JAPAN	
Postal Code:	108-0023	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	12420106
Application Number:	12421687
Application Number:	12478925

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Martin A. Weeks

Total Attachments: 3

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PATENT REEL: 025165 FRAME: 0591

U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 8/30/2008) United States Patent and Trademark Office 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. 2. Name and address of receiving party(les) 1. Name of conveying party(les) FUJITSU COMPONENT LIMITED Name: NTT FACILITIES, INC. Internal Address: ____ Additional name(s) of conveying party(les) attached? 🗹 Yes 🔙 No 3. Nature of conveyance/Execution Date(s): Street Address: 3-4-1 Shibaura, Minato-ku, Execution Date(s)____ ✓ Assignment Merger City: Tokyo Change of Name Joint Research Agreement State: Government Interest Assignment Zip:108-0023 Country: Japan Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Tes Vol Other 4. Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) 12/420,106 12/421,687 12/478,925 Additional numbers attached? Yes V No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: 3 Name: IPUSA, PLLC 7. Total fee (37 CFR 1.21(h) & 3.41) \$_120.00 Internal Address:__ Authorized to be charged by credit card ✓ Authorized to be charged to deposit account Enclosed Street Address: 1054 31st Street, N.W., Suite 400 None required (government interest not affecting title) 8. Payment Information City: Washington a. Credit Card Last 4 Numbers ___ Zip:20007 State: DC Expiration Date ___ Phone Number: 202-797-4181 b. Deposit Account Number 50-4424 Fax Number: 202-797-8188 Authorized User Name Martin A. Weeks Email Address: ipusa@jpusapat.com 9. Signature: Martin a. Weeks 10/20/2010 Signature Date Total number of pages including cover Martin A. Weeks

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malled to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

PATENT REEL: 025165 FRAME: 0592

sheet, attachments, and documents:

PATENT ASSIGNMENT

WHEREAS, FUJITSU COMPONENT LIMITED, a corporation of Japan with offices at 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8630 Japan (hereinafter "ASSIGNOR"), is the sole and exclusive owner of the U.S. patent(s) and/or the U.S. patent application(s) identified in Exhibit A hereto (the "U.S. Patents");

WHEREAS, NTT FACILITIES, INC., a corporation of Japan with offices at 3-4-1 Shibaura, Minato-ku, Tokyo, Japan (hereinafter "ASSIGNEE"), is desirous of acquiring one half share of ASSIGNOR's right, title and interest in and to the U.S. Patents; and

NOW, THEREFORE, ASSIGNOR does hereby assign, transfer and convey, to ASSIGNEE, one half share of its right, title and interest in and to the U.S. Patents and any other rights, privileges or advantages of ASSIGNOR appertaining thereto, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or legal representatives, to the end of the term or terms for which the U.S. Patents are granted.

ASSIGNOR hereby covenants with ASSIGNEE that, subject to the foregoing paragraph, ASSIGNOR will, execute, sign and deliver all such instruments, applications and documents, and do all such acts and things, as many reasonably be required to effectuate this Patent Assignment.

IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment to be executed by its duly authorized officer on this <u>1st</u> day of <u>October</u>, 2010.

FUJITSU COMPONENT LIMITED

Name: Koichi ISHIZAKA

Title: President and Representative Director

PATENT REEL: 025165 FRAME: 0593

Exhibit A

No.	Application No.	Filing Date	FUJITSU COMPONENT Ref.
1	12/420,106	2009/04/08	08-60143
2	12/421,687	2009/04/10	08-60141
3	12/478,925	2009/06/05	08-60146

PATENT REEL: 025165 FRAME: 0594

RECORDED: 10/20/2010