U.S. DEPARTMENT OF COMMERCE

01/25/2012 **FUJITSU LIMITED** 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi 103639727 Kanagawa 211-8588 Japan 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date(s): December 9, 2011 Application number(s) or patent number(s): ☐ This document is being filed together with a new application. ☐ This document is being filed after filing of the application: Patent Application No(s). 13/355,828, filed January 23, 2012; or (a) (b) Patent No(s)., issued. Name and address of party to whom correspondence concerning document should be mailed: 5. Our Docket: 2221.1431 STAAS & HALSEY LLP Attention: John C. Garvey 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005 6. Total number of applications and patents involved: __1 Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment) 7. \boxtimes Enclosed Authorized to be charged to credit card. Authorized to be charged to deposit account. 8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account) 01/25/2012 LMARTIN 00000009 13355828 John C. Garvey, Reg. No. 28,607 Name of Person Signing Date Yotal number of pages including cover sheet: 2

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PATENT REEL: 027714 FRAME: 0710

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

(moert Marriets) & Address(es) of Ad	SJGNEE(S))	
FUJITSU LIMITED 1-1, Kamikodanaka 4-chon	ne, Nakahara-ku, Kawasaki-shi	. Kanagawa 211-8588 Japan
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(hereinafter, "ASSIGNEE"), the receisells, assigns and transfers to ASSIGNET entitled (Title of Invention)	pt of which is hereby acknowledged, SNEE the entire and exclusive right, ti	the undersigned ASSIGNOR hereby tle and interest to the invention
	DEVICE, GRAPHIC PROCESS GRAPHIC PROCESSING PRO	
relating to International Patent Applic Patent of the United States was exec	ation PCT/JP/ and/outed on even date herewith or, if not	or for which application for Letters so executed, was:
(a) executed on	; (Insert date of concurrent)	execution of application, if not
(b) filed on	Assignee's a	attorney is hereby authorized to specified data, when known.
and to said application and all Letters continuation, division, renewal, substi or terms for which the said Letters Pa hereinafter, "said application(s) and L	itute, reissue or reexamination applicates. itent(s) may be granted and including	ation based thereon, for the full term
The ASSIGNOR agree(s), when re said ASSIGNEE, to do all acts which t maintaining and enforcing protection application(s) and the issuance of sai use proceeding, and in any litigation o such acts to include but not be limited taking all rightful oaths, providing swo	for said invention, including in the pre d Letters Patent(s), in any interferenc r other legal proceeding which may ar to executing all papers, including sep	desirable or expedient, for securing paration and prosecution of said se, reissue, reexamination, or public ise or be declared in relation to same arate assignments and declarations
•	ersigned inventor(s) has (have) affixed	ed his/her/their signature(s).
1) Tomo KANIWA	Tomo KANIWA	Dec. 9 , 2011
(Signature)	(Type Name)	(Date)
2) Takahiko Orita	Takahiko ORITA	Dec. 9, 2011
(Signature)	(Type Name)	(Date)
3)		
(Signature)	(Type Name)	(Date)
4) (Signature)	(Type Name)	(Date)

PATENT REEL: 027714 FRAME: 0711

RECORDED: 01/23/2012