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2011 Staas & Halsey LLP the Director of the U.S. Patent and Trademark Office: Please record the attached document. Name of conveying party(ies): 2) Yoichi Koyanagi 10/09/2012 1) Yuuki Ogata 2. Name and Address of receiving party(ies): 103650357 **FUJITSU LIMITED** 1-1. Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan Nature of conveyance: Merger Assignment Security Agreement Change of Name Other: Execution Date(s): September 27, 2012 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). 13/644,115, filed October 3, 2012; or (a) (b) Patent No(s)., issued. Name and address of party to whom correspondence concerning document should be mailed: 5. Our Docket: 2221.1706 STAAS & HALSEY LLP Attention: John C. Garvey 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005 Total number of applications and patents involved: __1 6. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment) . 7. **Enclosed** Authorized to be charged to credit card. Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit 8. Account)

John C. Garvey, Reg. No. 28,607 Name of Person Signing

069/2012 AMULLI@ct615@103.12012.5 Date 0\fc:8021

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PATENT REEL: 029189 FRAME: 0377

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))

(Insert Name(s) & Address(es) of ASS			
FUJITSU LIMITED 1-1, Kamikodanaka 4-chome	e, Nakahara-ku, Kawasaki-shi, K	anagawa 211-8588 Japan	
(hereinafter, "ASSIGNEE"), the receipt assigns and transfers to ASSIGNEE th (Title of Invention)			
LATCH CIRCUIT, FLIP-FLOP	CIRCUIT, AND DIVIDER		
relating to International Patent Applicat of the United States was executed on e	ion PCT/JP/ and/or for even date herewith or, if not so execute	or which application for Letters Paten ed, was:	
(a) executed on	(Insert date of executive concurrent)	(Insert date of execution of application, if not concurrent)	
(b) filed on		Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.	
Serial No/			
and to said application and all Letters F continuation, division, renewal, substitu terms for which the said Letters Patent hereinafter, "said application(s) and Le	ute, reissue or reexamination application (s) may be granted and including any otters Patent(s)").	on based thereon, for the full term or extensions thereof (collectively,	
The ASSIGNOR agree(s), when red ASSIGNEE, to do all acts which the AS maintaining and enforcing protection for application(s) and the issuance of said proceeding, and in any litigation or other acts to include but not be limited to exertightful oaths, providing sworn testimor	or said invention, including in the prepa Letters Patent(s), in any interference, or legal proceeding which may arise or cuting all papers, including separate as	able or expedient, for securing, ration and prosecution of said reissue, reexamination, or public use be declared in relation to same, such signments and declarations, taking al	
IN WITNESS WHEREOF, the unde	rsigned inventor(s) has (have) affixed	his/her/their signature(s).	
1) <u>Junki Pacta</u> (Signature)	Yuuki OGATA (Type Name)	Sep. 27, 20/2 (Date)	
	(Type Name)	(Date)	
2) J. Grui (Signature)	Yoichi KOYANAGI (Type Name)	Sep. 27, 2012	
	(Type Name)	(Date)	
(Signature)	(Type Name)	(Date)	
4)(Signature)	(Type Name)	(Date)	

1/1

PATENT REEL: 029189 FRAME: 0378