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2.	Name and Address of receiving party(ies); FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan
3.	Nature of conveyance: Assignment Merger Security Agreement Change of Name X Other: Record to correct First Inventor's name to specify Hiroshi Otsuka, previously recorded at Reel 027571, Frame 0794. Execution Date(s): 1) November 10, 2011; 2) November 21, 2011; 3) November 8, 2011; 4) November 18, 2011; 5) November 18, 2011; 6) November 8, 2011; 7) November 30, 2011
4.	Application number(s) or patent number(s): This document is being filed together with a new application. OR This document is being filed after filing of the application: (a) Patent Application No(s). 13/232,392, filed September 14, 2011; or (b) Patent No(s).
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1341.1943 Attention: Gene M. Garner, II 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005
6.	Total number of applications and patents involved:1
7.	Total fee (37 CFR 3.41)
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)
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F	UJITSU LIMITED	1		
1	-1, Kamikodanaka	a 4-chome, Nakahara-ku,	Kawasaki-shi, Kana	gawa 211-8588 Japan
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(b) f	iled on <u>14/ Septen</u>	nber/ 2011,	r enter derine zu u.) z. d. S. P. Antonia fran manus v. an des malles K. P. Springeninse	
	Serial No. <u>13/232,</u> 3	92;	Assignee's attorney Insert in (b) the specifie	is hereby authorized to ed data, when known.
terms herein ASSIG mainta applica procee acts to	uation, division, reneving for which the said Let after, "said application as ASSIGNOR agree(said acts withing and enforcing pation(s) and the issuation, and in any litigationly be implicated but not be limited.	ters Patent(s) may be granted n(s) and Letters Patent(s)"). a), when requested by said ASS hich the ASSIGNEE may deer rotection for said invention, income note of said Letters Patent(s), into ation or other legal proceeding.	amination application base and including any extensional including any extensionated and including and desirable of lefting in the proparation and interference, reissuable or be definitionally arise or be definitionally accepted assignment.	sed thereon, for the full term or slons thereof (collectively,
IN /	WITNESS WHEREOF	f, the undersigned inventor(s)	hon 'have) affixed his/he	r/their signature(s).
1) "	大學語	Hiroshi OTSU	ζA ,	ו אול או
	大學 培 (Signature)	(Type N	erne)	(Date)
2)		Yasuhide MAT	SUMOTO	
***************************************	(Signature)	(Type Na	trito)	(Date)
3)		Yuji WADA		
	(Signatura)	(Type N	Witzy	(Date)
4)		Masazumi MA	TSUBARA	
***************************************	(Signature)	(Type No	ana;	(Date)
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5)		Yukihiro WATANABE	
	(\$ignature)	(Typs Name)	(Date)
6)		Kuniaki SHIMADA	
	(Signature)	(Type Name)	(Date)
7)		Kenji MORIMOTO	
	(Signature)	(Type Name)	(Date)
8)			
-	(Signature)	(Type Name)	(Date)

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(Title of Invention)	the entire and exclusive right, title	d, the undersigned ASSIGNOR hereby sells and Interest to the invention entitled NT APPARATUS, AND ACCESS
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(a) executed on	; (Insert data concurrent)	of execution of application, if not
(b) filed on <u>14/ September/ 2011</u> Serial No. <u>13/232,392</u>	Assignee	's attorney is hereby authorized to the specified data, when known.
and to said application and all Letters continuation, division, renewal, substi terms for which the said Letters Pater hereinafter, "said application(s) and L	tute, reissue or reexamination app it(s) may be granted and including	dication based thereon for the full tors as
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IN WITNESS WHEREOF, the under	ersigned inventor(s) has (have) at	fixed his/her/their signature(e).
1)	Hiroshi OTSUKA	
(Signature)	(Туре Name)	(Date)
2) Yasukide Materianto	Yasuhide MATSUMOTO	Nov. 21, 2011 (Date)
(Signature)	(Type Name)	(Date)
3) Chris Wada.	Yuji WADA	May & 2011
(Signature)	(Type Name)	Nov. 8, 2011
4) Masanni Matadran	Masazumi MATSUBARA	· ·
(Signature)	(Type Name)	Nov. 18, 201)

5)	Muhituro Traterabe (Signaturo)	Yukihiro WATANABE	Nov. 78, 2011
	(Signature)	(Type Name)	(Date)
6)		Kuniaki SHIMADA	
	(Signature)	(Type Name)	(Date)
7)		Kenji MORIMOTO	
	(Signature)	(Type Name)	(Date)
8)			
	(Signature)	(Type Name)	(Date)

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FUJITSU LIMITED 1-1, Kamikodanaka 4-cho	ome, Nakahara-ku, Kaw	asaki-shi, Kanagawa 211-6588 Japan
(hereinafter, "ASSIGNEE"), the recassigns and transfers to ASSIGNE (Title of Invention)	eipt of which is hereby ackno E the entire and exclusive rig	wledged, the undersigned ASSIGNOR hereby sell ght, title and interest to the invention entitled AGEMENT APPARATUS, AND ACCESS
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relating to International Patent Appl of the United States was executed	ication PCT/JP/ on even date herewith or, if	and/or for which application for Letters Paten not so executed, was:
(a) executed on		ert date of execution of application, if not current)
(b) filed on <u>14/ September/ 20</u> Serial No. <u>13/232,392</u>	l A	ssignee's attorney is hereby authorized to rt in (b) the specified data, when known.
continuation, division, renewal, sub-	stitute, reissue or reexamina tent(s) may be granted and i	ates granted on said application and any tion application based thereon, for the full term or actualing any extensions thereof (collectively,
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IN WITNESS WHEREOF, the ur	ndersigned inventor(s) has (nave) affixed hls/her/their signature(s).
1)	Hiroshl OTSUKA	
(Signature)	(Type Name)	(Date)
2)	Yasuhide MATSUM	ото
(Signature)	(Type Name)	(Date)
3)	Yuji WADA	•
(Signature)	(Type Name)	(Date)
4)	Masazumi MATSUE	IARA
(Signature)	(Type Name)	(Date)

5)		Yukihiro WATANABE	
	(Signature)	(Type Name)	(Date)
6) _/	Kuniaki Shinada (Signature)	Kuniaki SHIMADA	Nov. 8, 2011
	(Signature)	(Type Name)	(Date)
7)		Kenji MORIMOTO	
	(Signature)	(Type Name)	(Date)
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	(Signature)	(Type Name)	(Date)

unc	IN CONSIDERATION of the sur dersigned inventor(s) (hereinafte sert Name(s) & Address(es) of A	≘r. "ASSIGNOR") bv	, and of other good ar	d valuable consideration paid to the
	FUJITSU LIMITED		•	
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233	reinafter, "ASSIGNEE"), the rec igns and transfers to ASSIGNE le of Invention)	eipt of which is hereby E the entire and exclus	acknowledged, the ur sive right, title and inte	idersigned ASSIGNOR hereby sells, rest to the invention entitled
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	N WITNESS WHEREOF, the ur			
1)		Hiroshi OTSU	КА	
	(Signature)	(Туре N	ame)	(Date)
2) _		Yasuhide MA	r sumo to	
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3)		Yuji WADA		
	(Signature)	(Type N	ame)	(Date)

Masazumi MATSUBARA

(Type Name)

(Signature)

(Date)

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5) _		Yukihiro WATANABE	
	(Şignature)	(Type Name)	(Date)
6) _		Kunlaki SHIMADA	, ,
	(Signature)	(Type Name)	(Date)
7)_	林中一建了	Kenji MORIMOTO	30 - Nov - 2011
	(Signature)	(Type Name)	(Date)
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