PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Fumiaki SUZUKI	10/12/2012
Takashi SHIMADA	10/12/2012
Kazuyoshi KUZUNISHI	10/12/2012
Hiroyuki TANI	10/12/2012
Kosei TAKANO	10/12/2012
Takuji NUMATA	10/15/2012

RECEIVING PARTY DATA

Name:	FUJITSU LIMITED	
Street Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku	
City:	Kawasaki-shi, Kanagawa	
State/Country:	JAPAN	
Postal Code:	211-8588	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13670034	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 11-52851

NAME OF SUBMITTER: Tiep H Nguyen

PATENT REEL: 029250 FRAME: 0697 \$40.00

Total Attachments: 4

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PATENT REEL: 029250 FRAME: 0698

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))

FUJITSU LIMITED 1-1, Kamikodanaka 4-chome	e. Nakahara-ku, Kawasaki-shi,	Kanagawa 211-8588 Japan	
assigns and transfers to ASSIGNEE the (Title of Invention)	of which is hereby acknowledged, the entire and exclusive right, title and RDING MEDIUM AND ROAD SURFA		
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relating to International Patent Application of the United States was executed on	tion PCT/JP <u>/</u> and/or even date herewith or, if not so exec	r for which application for Letters Patent uted, was:	
(a) executed on	; (Insert date of e	execution of application, if not	
(b) filed on November 6, 2 Serial No. 13/670,034	Assignee's a	Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.	
and to said application and all Letters continuation, division, renewal, substit terms for which the said Letters Paten hereinafter, "said application(s) and Let	ute, reissue or reexamination applica t(s) may be granted and including an	ition based thereon, for the full term or	
ASSIGNEE, to do all acts which the All maintaining and enforcing protection for application(s) and the issuance of said proceeding, and in any litigation or oth	SSIGNEE may deem necessary, des or said invention, including in the pre- if Letters Patent(s), in any interferenc- er legal proceeding which may arise outing all papers, including separate	paration and prosecution of said e, reissue, reexamination, or public use or be declared in relation to same, such assignments and declarations, taking all	
IN WITNESS WHEREOF, the unde	ersigned inventor(s) has (have) affixe	d his/her/their signature(s).	
1) <u> </u>	Fumiaki SUZUKI (Type Name)	Oct. 12 2012	
2) 局的芳司	Takashi SHIMADA	Oct. 12,20/2	
(Signature)	(Type Name)	(Date)	
3) Signature)	Kazuyoshi KUZUNISHI (Type Name)	Oct. 12, 2012 (Date)	

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Hiroyuki TANI (Type Name)

5) <u>View Johnson</u>	burn's	Kosei TAKANO (Type Name)	10/12/2012 (Date)	
(Signal	ura)	Takuji NUMATA	, a society	
/ Signal	ure)	(Type Name)	(Date)	

U.S. ASSIGNMENT

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

FL	JJITSU LIMITEO			
	1, Kamikodanaka 4-chome	, Nakahara-ku,	Kawasaki-shi, Ka	anagawa 211-8588 Japan

assigns	after, "ASSIGNEE"), the receipt and transfers to ASSIGNEE th *Invantion)	of which is hereby e entire and exclus	acknowledged, the usive right, tille and in	ndersigned ASSIGNOR hereby sells erest to the invention entitled
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relating of the U	to International Patent Applicat Inited States was executed on a	ion PCT/JP/_ even date herewith	and/or fo or, if not so execute	r which application for Letters Patent d, was:
	xecuted on		(Insert date of exer	cution of application, if not
(b) file	edom November 6, 20	012		
8)	enal No. 13/670,034		Assignae's attorney is hereby authori, insert in (b) the specified data, when kno	
terms for hereinal The ASSIGN maintain applicat proceed acts to in rightful of	or which the said Letters Patentifter, "said application(s) and Lai ASSIGNOR agree(s), when requive, to do all acts which the AS ning and enforcing protection fotion(s) and the issuance of said ling, and in any litigation or other notice but not be limited to execuaths, providing sworn testimon	(s) may be granted iters Patent(s)"). ussted by said AS SSIGNEE may deely read invention, in Letters Patent(s), it regal proceeding atting all papers, in ty, and obtaining a	and including any e SIGNEE and without m nacessary, desiral cluding in the prepan n any interference, n which may arise or t cluding separate ass nd producing evidens	charge to but at the expense of said bis or expedient, for securing, ation and prosecution of said sissus, reexamination, or public use se declared in relation to same, such ignments and declarations, taking all iss.
IN W	ITNESS WHEREOF, the under	signed inventor(s)	has (have) affixed h	s/her/their signature(s)
Đ,		Furniski	SUZUKI	
	(Signature)	(Type N	ame)	(Oate)
2)		Takashi S	HIMADA	
	(Signature)	(Type N	ame)	(Da(e)
3)		Kazuyoshi k	CUZUNISHI	
	(Signature)	(Type N	ame)	(Date)
4 }		Hiroyuk	i TANI	
***************************************	(Signature)	(Type N	ame)	(Cate)

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8)		Kosei TAKANO	
	(Signature)	(Type Name)	(Date)
8)	Z. SAMONO SONO	Takuji NUMATA	<u> </u>
.55	/ Sometime	(Type Name)	(Date)