### 502254237 03/05/2013

### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Takashi TANII	02/13/2013
Mitsunori MAEDA	02/20/2013
Kazushige KISHIGAMI	02/13/2013
Naohito TAKAYAMA	02/20/2013
Mitsuhiko MANPO	02/20/2013

#### **RECEIVING PARTY DATA**

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

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13786000

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: F1315.10012US01

NAME OF SUBMITTER: R. Burns Israelsen

PATENT REEL: 029928 FRAME: 0560 \$40.00 13786000

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### Total Attachments: 4

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> PATENT REEL: 029928 FRAME: 0561

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	Nakahara-ku, Kawasaki-shi,	Kanagawa 211-8588 Japan
(hereinafter, "ASSIGNEE"), the receipt of assigns and transfers to ASSIGNEE the (Title of Invention)	entire and exclusive right, title and	interest to the invention entitled
WIRELESS COMMUNICATION DEVICE	DN DEVICE AND CONTROL	WIETHOU FOR WIRELESS
relating to International Patent Application of the United States was executed on e	on PCT/JP/ and/or ven date herewith or, if not so exect	for which application for Letters Patent uted, was:
(a) executed on	; (Insert date of e	xecution of application, if not
(b) filed on March 5, 2013 Serial No. 13 / 786,000		ttorney is hereby authorized to specified data, when known.
and to said application and all Letters P continuation, division, renewal, substituterms for which the said Letters Patent( hereinafter, "said application(s) and Let  The ASSIGNOR agree(s), when requestion and the ASSIGNEE, to do all acts which the ASSIGNEE, to do all acts which the ASSIGNEE, and enforcing protection for application(s) and the issuance of said leads to include but not be limited to exect rightful oaths, providing sworn testimon	te, reissue or reexamination applicals) may be granted and including an ters Patent(s)").  Dested by said ASSIGNEE and with SIGNEE may deem necessary, dested invention, including in the prepaters Patent(s), in any interference regal proceeding which may arise uting all papers, including separate a	tion based thereon, for the full term or y extensions thereof (collectively, out charge to but at the expense of said irable or expedient, for securing, paration and prosecution of said e, reissue, reexamination, or public use or be declared in relation to same, such assignments and declarations, taking al
IN WITNESS WHEREOF, the under	signed inventor(s) has (have) affixe	d his/her/their signature(s).
1) Takashi Tanii	Takashi TANII	Feb. 13 2013 (Date)
( Signature)	(Type Name)	(Date)
2) (Signature)	Mitsunori MAEDA (Type Name)	(Date)
1. 1. 1.	,	(Daie)
3) <u>Kazushi qe Kishi qami</u> (Sianature)	Kazushige KISHIGAMI (Type Name)	<u>reb, 13, 2013</u> (Date)
4)	Naohito TAKAYAMA	1-010)
( Signature)	(Type Name)	(Date)
5)	Mitsuhiko MANPO	
( Signature)	(Type Name)	(Date)

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(b) filed on <u>March 5, 2013</u>	, Applement's off	ternal is hereby sutherized to
Serial No. <u>13/786,000</u>		forney is hereby authorized to pecified data, when known.
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 exergibitful oaths, providing sworn testimostics.	etters Patent(s)").  Quested by said ASSIGNEE and without the second without the said invention, including in the prepole testers Patent(s), in any interference are legal proceeding which may arise ocuting all papers, including separate a	out charge to but at the expense of said rable or expedient, for securing, aration and prosecution of said , reissue, reexamination, or public use or be declared in relation to same, such ssignments and declarations, taking all ence.
1)	Takashi TANII	
( Signature)	(Type Name)	(Date)
2) Mitsumon Maeda (Signature)	Mitsunori MAEDA (Type Name)	Feb. 20, 2013
	· •••	(Date)
3)( Signature)	Kazushige KISHIGAMI (Type Name)	(Date)
	Naohito TAKAYAMA	(=/
( Signature)	(Type Name)	(Date)
5)	Mitsuhiko MANPO	,/
( Signature)	(Type Name)	(Date)

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	JITSU LIMITED				
1-1	, Kamikodanaka 4-chome	e, Nakahara-ku,	Kawasaki-shi,	Kana	gawa 211-8588 Japan
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	fter, "ASSIGNEE"), the receipt and transfers to ASSIGNEE th				signed ASSIGNOR hereby sells,
	Invention)	ic chare and exclus	ive right, the and	a interes	it to the invention challed
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(a) ex	ecuted on	<u>;</u>	(Insert date of concurrent)	executio	n of application, if not
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continua	tion, division, renewal, substit	ute, reissue or reex	amination applica	ation ba	sed thereon, for the full term or
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The A	ASSIGNOR agree(s), when re IEE, to do all acts which the A	quested by said AS	SIGNEE and with	nout cha	arge to but at the expense of said
maintain	ing and enforcing protection f	or said invention, in	cluding in the pre	eparatio	n and prosecution of said
applicati	on(s) and the issuance of said	d Letters Patent(s),	n any interferenc	e, reiss	ue, reexamination, or public use
					eclared in relation to same, such nents and declarations, taking all
	paths, providing sworn testimo				
IN W	ITNESS WHEREOF, the unde	ersigned inventor(s)	has (have) affixe	ed his/h	er/their signature(s)
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1)	(0)	Takash		_	(Data)
	( Signature)	(Type N	ame)		(Date)
2)			MAEDA	_	
	( Signature)	(Туре Л	lame)		(Date)
3)		Kazushige	KISHIGAMI		
-	( Signature)	(Type N	lame)		(Date)
4) no	sphito Tolowana.	Naohito T/	AKAYAMA		Feb-20-20/3
-1 W	( Signature)	(Type N	lame)	/	(Date)
5)		Mitsuhiko	MANPO		
	( Signature)	(Type N	lame)		(Date)

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(b) filed on <u>March 5, 2013</u>		
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and to said application and all Letters continuation, division, renewal, substit terms for which the said Letters Paten hereinafter, "said application(s) and Le	tute, reissue or reexamination applicat it(s) may be granted and including any	tion based thereon, for the full term or
ASSIGNEE, to do all acts which the A maintaining and enforcing protection f application(s) and the issuance of said proceeding, and in any litigation or other said and the sa	SSIGNEE may deem necessary, desi for said invention, including in the prep d Letters Patent(s), in any interference her legal proceeding which may arise of ecuting all papers, including separate a	paration and prosecution of said e, reissue, reexamination, or public use or be declared in relation to same, such assignments and declarations, taking all
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3)	Kazushige KISHIGAMI	
( Signature)	(Type Name)	(Date)
4)	Naohito TAKAYAMA	. ,
( Signature)	(Type Name)	(Date)
5) Mituhiko Manso	Mitsuhiko MANPO	Feb. 20, 20/3
( Signature)	(Type Name)	(Date)

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**RECORDED: 03/05/2013** 

PATENT REEL: 029928 FRAME: 0565