### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Kanji Uchino	09/23/2009
Tetsuro Takahashi	01/29/2010
Seishi Okamoto	09/30/2009

#### **RECEIVING PARTY DATA**

Name:	Fujitsu Limited
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City:	Kawasaki-shi, Kanagawa
State/Country:	JAPAN
Postal Code:	2118588

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12613984

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	Patrick G. Burns

Total Attachments: 3

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### U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Doinventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) FUITSU LIMITED	ollar (\$1.00), and of other good and valua	ble consideration paid to the undersigned	
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kav	•		
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(hereinafter, "ASSIGNEE"), the receipt of which is ASSIGNEE the entire and exclusive right, title and (Title of Invention) KEYWORD OUTPUT APPARATUS A	interest to the invention entitled	IGNOR hereby sells, assigns and transfers to	
relating to International Patent Application PCT/JP executed on even date herewith or, if not so execute	/ and/or for which application	on for Letters Patent of the United States was	
(a) executed on	; (Insert date of execution of a	oplication, if not concurrent)	
(b) filed on 11/06/2009		· · · · · · · · · · · · · · · · · · ·	
(b) filed on 11/06/2009  Serial No. 12 / 613,984 ;	Assignee's attorney is her data, when known.	Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.	
and to said application and all Letters Patent(s) of the substitute, reissue or reexamination application base including any extensions thereof (collectively, hereing the ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable the ASSIGNEE may deem necessary, desirable that the preparation and prosecution of said reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all passworn testimony, and obtaining and producing evident that the property of the said that the producing evident that the property of the said that the producing evident that the producin	d thereon, for the full term or terms for which nafter, "said application(s) and Letters Patent d ASSIGNEE and without charge to but at the or expedient, for securing, maintaining an application(s) and the issuance of said Letter itigation or other legal proceeding which mayors, including separate assignments and decince.	the said Letters Patent(s) may be granted and t(s)").  the expense of said ASSIGNEE, to do all acts deforcing protection for said invention, s Patent(s), in any interference, reissue, y arise or be declared in relation to same, such larations, taking all rightful oaths, providing	
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l)(Signalure)	(Type Name)	(Date)	
2) Tetsuro Takahaisho	Tetsuro TAKAHASHI	Jan 29, 20/0	
(Signature)	(Type Name) Seishi OKAMOTO	(Date)	
(Signature)	(Type Name)	(Date)	
4)(Signature)	(Type Name)	(Date)	
5)			
(Signature)	(Type Name)	(Date)	

PATENT

REEL: 023909 FRAME: 0341

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of On inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s), & Address(es) of ASSIGNEE() FUITSU LIMITED	e Dollar (\$1.00), and of other good and valu	able consideration paid to the undersigned
1-1, Kamikodanaka 4-chome, Nakahara-ku,	Kawasaki-shi, Kanagawa 211-8588 Japan	
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(hereinafter, "ASSIGNEE"), the receipt of which ASSIGNEE the entire and exclusive right, title (Title of Invention)  KEYWORD OUTPUT APPARATU	ch is heroby acknowledged, the undersigned AS and interest to the invention entitled	
relating to International Patent Application PCT	IT/IP / and/or for which applicat cuted, was:	ion for Letters Patent of the United States was
(a) executed on	; (Insert date of execution of a	application, if not concurrent)
(b) filed on 11/06/2009		
Serial No. 12/ 613,984	Assignee's attorney is he data, when known,	reby authorized to insert in (b) the specified
substitute, reissue or reexamination application to neluding any extensions thereof (collectively, he The ASSIGNOR agree(s), when requested by which the ASSIGNEE may deem necessary, described in the preparation and prosecution of seexamination, or public use proceeding, and in a lots to include but not be limited to executing all worn testimony, and obtaining and producing e		h the said Letters Patent(s) may be granted and ht(s)").  the expense of said ASSIGNEE, to do all acts and enforcing protection for said invention, rs Patent(s), in any interference, reissue, y arise or be declared in relation to same, such clarations, taking all rightful oaths, providing
IN WITNESS WHEREOF, the undersigned i	inventor(s) has (have) affixed his/her/their signal	ture(s),
)	Kanji UCHINO	
( Signature)	(Type Name) Tetsuro TAKAHASHI	(Date)
Seish Olomo	(Type Name) Seishi OKAMOTO	30th, SeD, 2009
(Signature)	(Type Name)	(Date)
) (Signature)	(Type Name)	(Date)
)(Signature)	(Type Name)	(Date)

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## U.S. ASSIGNMENT

in CONSIDERATION of the sum of O inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE FUITTSU LIMITED	ne Dollar (\$1.00), and of other good and valual ( (S))	ole consideration paid to the undersigne
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	ich is hereby acknowledged, the undersigned ASSI e and interest to the invention entitled	GNOR hereby sells, assigns and transfers to
relating to International Patent Application PC executed on even date herewith or, if not so ex	T/JP and/or for which application recuted, was:	for Letters Patent of the United States was
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(b) filed on 11/06/2009 Serial No. 12 / 613,984		
Serial No. 12 / 613,984	Assignee's attorney is here data, when known.	by authorized to insert in (b) the specified
substitute, reissue or reexamination application including any extensions thereof (collectively, in the ASSIGNOR agree(s), when requested to which the ASSIGNEE may deem necessary, definctuding in the preparation and prosecution of reexamination, or public use proceeding, and in	of the United States granted on said application am based thereon, for the full term or terms for which the hereinafter, "said application(s) and Letters Patent(s by said ASSIGNEE and without charge to but at the sirable or expedient, for securing, maintaining and a said application(s) and the issuance of said Letters is any litigation or other legal proceeding which may all papers, including separate assignments and declar evidence.	ne said Letters Patent(s) may be granted and )").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention,  Patent(s), in any interference, reissue, rise or he deplaced in relation to same such
IN WITNESS WHEREOF, the undersigned	inventor(s) has (have) affixed his/her/their signature	e(s).
1 16 Artis	Kanji UCHINO	9.23 69
(Signature)	(Type Name) Tetsuro TAKAHASHI	(Date)
(Signature)	(Type Name) Seishi OKAMOTO	(Date)
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)
( Signature)	(Type Name)	(Date)

RECORDED: 02/08/2010

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