#### PATENT ASSIGNMENT

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

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Toru KAMBAYASHI	12/17/2010
Akihiro KASAHARA	12/27/2010
Shinichi MATSUKAWA	12/17/2010
Hiroyuki SAKAMOTO	12/17/2010
Taku KATO	12/17/2010
Hiroshi SUKEGAWA	12/07/2010
Yoshihiko HIROSE	12/07/2010
Atsushi SHIMBO	12/13/2010
Koichi FUJISAKI	12/17/2010

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#### PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	12882979		

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PATENT

REEL: 025559 FRAME: 0116

OF \$40.00 12882979

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ATTORNEY DOCKET NUMBER:	367123US
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Total Attachments: 6 source=367123USasn#page1.tif source=367123USasn#page2.tif source=367123USasn#page3.tif source=367123USasn#page4.tif source=367123USasn#page5.tif source=367123USasn#page6.tif	

## **U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dol inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))	lar (\$1,00), and of other good and valuable	e consideration paid to the undersigned
Kabushiki Kaisha Toshiba		
1-1, Shibaura 1-chome, Minato-ku, T	okyo 105-8001 Japan	
(hereinafter, "ASSIGNEE"), the receipt of which is ASSIGNEE the entire and exclusive right, title and in (Title of Invention)	hereby acknowledged, the undersigned ASSIG nterest to the invention entitled	NOR hereby sells, assigns and transfers to
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relating to International Patent Application PCT/JF executed on even date herewith or, if not so executed	P2009/070056 and/or for which application displays:	for Letters Patent of the United States was
(a) executed on	; (Insert date of execution of opp	lication, if not concurrent)
(b) filed on September 15, 2010 Serial No. 12 / 882,979		by authorized to insert in (b) the specified
and to said application and all Letters Patent(s) of the substitute, reissue or reexamination application based including any extensions thereof (collectively, herein.  The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any light acts to include but not be limited to executing all pagsworn testimony, and obtaining and producing evidentics.	I thereon, for the full term or terms for which the nafter, "said application(s) and Letters Patent(s) and ASSIGNEE and without charge to but at the let or expedient, for securing, maintaining and eapplication(s) and the issuance of said Letters full factors it is a proceeding which may a pers, including separate assignments and declar	e 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 be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inver  1) Em Kanbayashi		December 17,2010
(Signature)	(Type Name)	(Date)
2)	Akihiro KASAHARA	
(Signature)	(Type Name)	(Date)
(Signature)	Shinichi MATSUKAWA (Type Name)	(Date)
( Signature)	••	(Date)
4) (Signature)	Hiroyuki SAKAMOTO (Type Name)	(Date)
5) Take Kato	Taku KATO	December 17,2010
(Signature)	(Type Name)	(Date)

6)	Hiroshi SUKEGAWA				
·,	(Signature)	(Type Name)	(Date)		
7)		Yoshihiko HIROSE			
• ,	(Signature)	(Type Name)	(Date)		
8)		Atsushi SHIMBO			
٠,	(Signature)	(Type Name)	(Date)		
9)	Hoich Finaki	Koichi FUJISAKI	December 17,2010		
	(Signature)	(Type Name)	(Date)		

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inventor(s) (herein:	ATION of the sum of One Dollar after, "ASSIGNOR") by ddress(es) of ASSIGNEE(S))	(\$1.00),	and of other good and valuable	consideration paid to the undersigned
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(hereinafter, "ASSIO ASSIGNEE the entir (Title of Invention)	ONEE"), the receipt of which is her e and exclusive right, title and inter	eby ecknorest to the	owledged, the undersigned ASSIGI invention entitled	NOR hereby sells, assigns and transfers to
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relating to Internation	nal Patent Application <u>PCT/JP2C</u> e herewith or, if not so executed, w	009/0700 as:	<u>956</u> and/or for which application I	for Letters Patent of the United States was
(a) executed on		;	(Insert date of execution of appl	lication, if not concurrent)
(b) filed on Serial No.	September 15, 2010  12 / 882,979	;	Assignee's attorney is hereb data, when known.	by authorized to insert in (b) the specified
substitute, reissue or including any extension.  The ASSIGNOR which the ASSIGNE including in the preprint of t	reexamination application based the ions thereof (collectively, hereinaft agree(s), when requested by said A E may deem necessary, desirable of aration and prosecution of said application and prosecution of said applications.	ereon, for er, "said a SSIGNEE r expedier lication(s)	the full term or terms for which the application(s) and Letters Patent(s) and without charge to but at the ent, for securing, maintaining and column the issuance of said Letters P	any continuation, division, renewal, said Letters Patent(s) may be granted and ").  expense of said ASSIGNEE, to do all acts inforcing protection for said invention, atent(s), in any interference, reissue, ise or be declared in relation to same, such
acts to include but no sworn testimony, and	ot be limited to executing all papers d obtaining and producing evidence	, includin	g separate assignments and declara	ations, taking all rightful oaths, providing
IN WILKE22 MI	HEREOF, the undersigned inventor			(3).
1)	(Signature)		Toru KAMBAYASHI (Type Name)	(Date)
71	, - g.,y		Akihiro KASAHARA	
2)	(Signature)		(Type Name)	(Date)
3) In inch	i Matsitaka	St	ninichi MATSUKAWA	December 17,2010
·	(Signature)	****	(Type Name)	(Date)
4) 24 80	kant	H	liroyuki SAKAMOTO	December 17,2010
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5)			Taku KATO	
	(Signature)		(Type Name)	(Date)

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6)	Hirosli (Signappe)	Hiroshi SUKEGAWA (Type Name)	Dec. 7.20/0
7)	IN The Try (Signature)	Yoshihiko HIROSE (Type Name)	Dec. 7 '20/D' (Date)
8)	(Signature)	Atsushi SHIMBO (Type Name)	(Date)
9)	(Signature)	Koichi FUJISAKI (Type Name)	(Date)

# **U.S. ASSIGNMENT**

inventor(s) (herein	ATION of the sum of One Doll lafter, "ASSIGNOR") by Iddress(es) of ASSIGNEE(S))	ar (\$1.00), :	and of other good and valuable o	consideration paid to the undersigned
Kabushiki Ka	isha Toshiba			
1-1, Shibaura	1-chome, Minato-ku, To	okyo 105	-8001 Japan	
(hereinafter, "ASSII ASSIGNEE the enti- (Title of Invention)	GNEE*), the receipt of which is tree and exclusive right, title and in	nereby ackno iterest to the	owledged, the undersigned ASSIGN invention entitled	IOR hereby sells, assigns and transfers to
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	nal Patent Application <u>PCT/JP</u> te herewith or, if not so executed		258 and/or for which application fo	or Letters Patent of the United States was
(a) executed on		<del>;</del>	(Insert date of execution of appli	calion. (f not concurrent)
(b) filed on Serial No.	September 15, 2010	· ;	Assignee's attorney is hereby data, when known.	authorized to Insert in (b) the specified
substitute, reissue or including any extens	reexamination application based ions thereof (collectively, herein	thereon, for after, "said a	the full term or terms for which the pplication(s) and Letters Patent(s)"	
which the ASSIGNE including in the prepresentation, or pure to include but no	E may deem necessary, desirable pration and prosecution of said a blic use proceeding, and in any life.	or expedier pplication(s) ligation or ot ers, including	nt, for securing, maintaining and en and the issuance of said Letters Pa ther legal proceeding which may aris	perise of said ASSIGNEE, to do all acts forcing protection for said invention, tent(s), in any interference, reissue, se or be declared in relation to same, such ions, taking all rightful oaths, providing
IN WITNESS WI	HEREOF, the undersigned invent	tor(s) has (hi	ave) affixed his/her/their signature(:	s).
1)	(Firmatura)		Type Name)	(Date)
111	(Signature)		• • •	, ·
2) Alkitin	(Signature)		Akihiro KASAHARA (Type Name)	December 27,201(
_	( oignainte)	<u> </u>		(Louis)
3)	(Signature)	<u>Sr</u>	ninichi MATSUKAWA (Type Name)	(Date)
	1 organists		•	1-400
4)	(Signature)	<u>H</u>	iroyuki SAKAMOTO (Type Name)	(Date)
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5)	(Signature)		Taku KATO (Type Name)	(Date)
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6)		Hiroshi SUKEGAWA	
٠,	( Signature)	(Type Name)	(Date)
7)		Yoshihiko HIROSE	
•	(Signature)	(Type Name)	(Date)
81	atoush Shimbo	Atsushi SHIMBO	December 13,2010
.,	(Signature)	(Type Name)	(Date)
9)		Koichi FUJISAKI	
- 1	(Signature)	(Type Name)	(Date)

**RECORDED: 12/30/2010**