## PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	Y DATA				
		Name	Execution Date		
Yuki SUGIURA		08/20/2013			
Mitsuhiro KOKUBC	)	08/20/2013			
Isao MATSUZUKI		08/20/2013			
Takato BABA			08/20/2013		
Toru SUZUKI			08/20/2013		
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PROPERTY NUMBERS Total: 1 Property Type		Number			
Application Number: 13973		973958			
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	703773520 <i>ill be sent via US Ma</i>		ful.		
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Correspondence wi	<i>ill be sent via US Ma</i> 703-773-41	ail when the fax attempt is unsuccess	ful.		
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<i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1:	<i>ill be sent via US Ma</i> 703-773-41 PatentPros ne: Dale S. Laz P.O. Box 2	<i>ail when the fax attempt is unsuccess</i> 149 secutionRes@dlapiper.com zar 758	ful.		
<i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2:	<i>ill be sent via US Ma</i> 703-773-41 PatentPros ne: Dale S. Laz P.O. Box 2 11911 Free	<i>ail when the fax attempt is unsuccess</i> 149 secutionRes@dlapiper.com zar 758 edom Dr. Suite 300	sful.		
<i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1:	<i>ill be sent via US Ma</i> 703-773-41 PatentPros ne: Dale S. Laz P.O. Box 2 11911 Free	<i>ail when the fax attempt is unsuccess</i> 149 secutionRes@dlapiper.com zar 758	sful.		
<i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2:	ill be sent via US Ma 703-773-41 PatentPros ne: Dale S. Laz P.O. Box 2 11911 Free Reston, VII	<i>ail when the fax attempt is unsuccess</i> 149 secutionRes@dlapiper.com zar 758 edom Dr. Suite 300	sful.		
<i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2: Address Line 4:	ill be sent via US Ma 703-773-41 PatentPros ne: Dale S. Laz P.O. Box 2 11911 Free Reston, VIF	ail when the fax attempt is unsuccess 149 secutionRes@dlapiper.com zar 758 edom Dr. Suite 300 RGINIA 20195	sful.		

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## REEL: 031178 FRAME: 0425

Signature:	/Ava M. Dixon/	
Date:	09/10/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3 source=313776-000062_DeclarationAssignment#page1.tif source=313776-000062_DeclarationAssignment#page2.tif source=313776-000062_DeclarationAssignment#page3.tif		

## COMBINED DECLARATION/ASSIGNMENT OF APPLICATION

WHEREAS, I/we,

Yuki SUGIURA of Mishima-shi, Shizuoka, Japan. Mitsunori KOKUBO of Numazu-shi, Shizuoka, Japan. Isao MATSUZUKI of Numazu-shi, Shizuoka, Japan. Takato BABA of Mishima-shi, Shizuoka, Japan. Toru SUZUKI of Fuji-shi, Shizuoka, Japan.

(her	einafter referred to as the	"Invention"), for v	which an applic	ation for Letters	Patent was filed
	August 22, 2013		pplication No.		
(the	"Application"),				

The application was made or authorized to be made by the person(s) executing the declaration;

The individual(s) believe(s) himself or herself or themselves to be the original inventor or an original joint inventor(s) of a claimed invention in the application; and

The individual(s) acknowledge(s) that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both;

WHEREAS, Toshiba Kikai Kabushiki Kaisha, (hereinafter referred to as "ASSIGNEE"), having a place of business at 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011, Japan, is desirous of acquiring the full and exclusive right in and to said Invention, the Application and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I/we, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention and said Application in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all subsequent applications based thereon including any and all divisions, continuations, substitutions, renewals and reissues thereof together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres.

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PATENT REEL: 031178 FRAME: 0427 I/we hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my/our entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me/us had this Assignment and sale not been made.

Further, I/we agree that I/we will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of DLA Piper LLP US, Attorneys at Law, One Fountain Square, 11911 Freedom Drive, Suite 300, Reston, Virginia 20195-5602, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

August 20, 2013 Date:

August 20, 2013

J. Jugiuva

First Inventors Signatur

Yuki SUGIURA First Inventors Name (Printed)

Coster

Second Inventors Signature

Mitsunori KOKUBO Second Inventors Name (Printed)

Date: August 20, 2013

J. Matsuzuki

Third Inventors Signature

Isao MATSUZUKI Third Inventors Name (Printed)

Page 2 of 3

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Date:

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PATENT REEL: 031178 FRAME: 0428

Date:	August 20, 2013	Jakato Baba
		Fourth Inventors Signature
		Takato BABA
		Fourth Inventors Name (Printed)
Date:	August 20, 2013	T. Suzuki
		Fifth Inventors Signature
		Toru SUZUKI
		Fifth Inventors Name (Printed)
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Date:	innere managelandar för innere produktion stör ander at ander at ander at an att at an	Sixth Inventors Signature
		Sixth Inventors Name (Printed)
Date:		
		Seventh Inventors Signature
		Secure Manage (Decision &
		Seventh Inventors Name (Printed)
Data		
naic:		Eighth Inventors Signature

Eighth Inventors Name (Printed)

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**RECORDED: 09/10/2013**