502522365 10/07/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BUNICHI KAKINUMA	08/28/2013
TAKESHI TANAKA	08/28/2013
TOSHIAKI HAYAKAWA	08/28/2013
JUN AKEDO	09/02/2013
AKITO ENDO	09/30/2013
HIROKI TSUDA	09/03/2013
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	09/30/2013

RECEIVING PARTY DATA

Name:	ADVANTEST CORPORATION
Street Address:	1-32-1, Asahi-cho, Nerima-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	179-0071

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13957438

CORRESPONDENCE DATA

Fax Number: (000)000-0000

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: usdocket@ryuka.com
Correspondent Name: RYUKA IP LAW FIRM

Address Line 1: 1-6-1 SHINJUKU L TOWER 22ND FLOOR

Address Line 2: NISHI-SHINJUKU, SHINJUKU-KU Address Line 4: TOKYO, JAPAN 163-1522

NAME OF SUBMITTER: ADAM S. LANGLEY

PATENT REEL: 031353 FRAME: 0507 \$40.00 13957438

502522365

Signature:	/Adam S. Langley/
Date: 10/07/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7 source=AD-1866US_Assignment#page1.tif source=AD-1866US_Assignment#page2.tif source=AD-1866US_Assignment#page3.tif source=AD-1866US_Assignment2#page1.ti source=AD-1866US_Assignment2#page2.ti source=AD-1866US_Assignment2#page3.ti source=AD-1866US_Assignment2#page4.ti	f f

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This d	leclaration is directed to:	
	The attached application, or	
\boxtimes	United States application or PCT international application No	13/957,438
	filed on August 2, 2013.	

The above-identified application was made or was authorized to be made by me.

As the below named inventor, I hereby declare that:

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge 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 I, the undersigned inventor, hereafter also referred to as "assignor", have invented certain new and useful improvements described in the above identified application; and

WHEREAS, <u>ADVANTEST CORPORATION</u> hereinafter also referred to as "assignee", whose address is <u>1-32-1</u>, <u>Asahi-cho</u>, <u>Nerima-ku</u>, <u>Tokyo 179-0071 JAPAN</u>, is desirous of acquiring the entire right, title and interest in an to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title, and interest in the application and the invention disclosed therein for the United States of America, including all divisions and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Conventions of Paris (1883), as amended, of or in any corresponding foreign patent application, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns.

Legal Name of Inventor	Bunichi KAKINUMA		
Inventor's Signature	柿沼文一	Date	August 28, 2013

This de	eclaration is directed to:
	The attached application, or
	United States application or PCT international application No. 13/957,438 filed on August 2, 2013.

The above-identified application was made or was authorized to be made by me.

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Legal Name of Inventor	Takeshi TANAKA			
Inventor's Signature	田中	武	Date	August 28. 20/3

This de	eclaration is directed to:
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Legal Name of Inventor	Toshiaki HAYAKAWA	
Inventor's Signature	早 Y. 俊昭	Date August 28, 2013

ASSIGNMENT OF **US NON PROVISIONAL APPLICATION**

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to

National Institute of Advanced Industrial Science and Technology

3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 JAPAN

(hereinafter designated "ASSIGNOR"), the receipt and sufficiency of which are hereby acknowledged,

ASSIGNOR hereby sells, assigns and transfers unto:

ADVANTEST CORPORATION

1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 JAPAN

(hereinafter designated "ASSIGNEE") the entire right, title and interest of ASSIGNOR for the United

States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and

all divisions, continuations, substitutes, and reissues thereof; and all resulting patents for which

ASSIGNOR was previously assigned rights by the inventor for Patent Application of the United States

of America in

US Application Serial No. 13/957,438 filed on August 2, 2013.

AND ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and

Trademarks to issue said Letters Patent to said ASSIGNEE (and any other assignee, if otherwise

assigned), for its interest as ASSIGNEE, its successors, assigns and legal representatives; ASSIGNOR

agrees that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE:

AND ASSIGNOR hereby agrees to testify and execute any papers for ASSIGNEE, its successors,

assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and

title in and to the invention hereby transferred.

ASSIGNOR hereby authorizes the US attorney of record to insert hereon any further identification

necessary or desirable for recordation of this document,

Signature: Date Signed: 30 09.2013
Shigeki KAMIYAMA, Director, Intellectual Property Division,

National Institute of Advanced Industrial Science and Technology

PATENT

REEL: 031353 FRAME: 0512

As the below named inventor, I hereby declare that:

Inventor's Signature

This declaration is directed to:
The attached application, or
United States application or PCT international application No. 13/957,438 filed on August 2, 2013.
The above-identified application was made or was authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge 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 I, the undersigned inventor, hereafter also referred to as "assignor", have invented certain new and useful improvements described in the above identified application; and
WHEREAS, National Institute of Advanced Industrial Science and Technology hereinafter also referred to as "assignee", whose address is 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan, is desirous of acquiring the entire right, title and interest in an to the application and invention, and to any United States patents to be obtained therefor;
NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title, and interest in the application and the invention disclosed therein for the United States of America, including all divisions and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Conventions of Paris (1883), as amended, of or in any corresponding foreign patent application, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns.
Legal Name of Inventor Jun AKEDO

Date

PATENT REEL: 031353 FRAME: 0513

02/09/2013

As the below named inventor, I hereby declare that: This declaration is directed to: The attached application, or United States application or PCT international application No. 13/957,438

The above-identified application was made or was authorized to be made by me.

filed on August 2, 2013.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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Legal Name of Inventor	Hiroki T	rsuda	- 1111 (411 1011 1014 1014 1014 1014 1014			
Inventor's Signature	津	国	34	樹	Date	September 3,2013

As the below named inv	entor, I hereby de	clare that:							
This declaration is directed	ed to:								
The attached appl	oplication, or								
United States app	plication or PCT international application No. 13/957,438 t 2, 2013.								
The above-identified app	lication was made o	or was authorized to be	e made by m	e.					
I believe that I am the application.	original inventor	or an original joint	inventor of	a claimed invention in th					
I hereby acknowledge the U.S.C. 1001 by fine or im				tion is punishable under 18					
WHEREAS I, the unders and useful improvements				", have invented certain nev					
referred to as "assignee"	, whose address is uiring the entire rig	3-1, Kasumigaseki ht, title and interest in	1-chome, Cl	chnology hereinafter also hiyoda-ku, Tokyo 100-892 oplication and invention, and					
acknowledged, I hereby a the entire right, title, and of America, including all that may be granted there infringement under the p Code or any other cause assignment, and including as amended, of or in any	sell, assign and trar interest in the appli- I divisions and con- con, and all reissues provisional rights greet of action for acts g the right to claim of corresponding for office to issue any	nsfer to the above nan cation and the invention itinuations thereof, and is thereof, including an ranted pursuant to Tit which would constitute in priority under the Integration of Letters Patent grant	ned assignee on disclosed d all Letters y right to bri tle 35, Section ute infringer ternational C n, and I requ	iency of which is hereby, its successors and assigns therein for the United State Patent of the United State ing or maintain an action for 154 of the United State ment occurring prior to thi Conventions of Paris (1883) test the Director of the U.S. invention set forth in the					
Legal Name of Inventor	Akito ENDO		er en mere grænneren skyler en en engelvenskeren skylegelæske enemense						
Inventor's Signature	袁 羆	聚人	Date	9/30/2013					

RECORDED: 10/07/2013