PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EN NISHIDA	11/30/2016
YUU KODAMA	11/30/2016

RECEIVING PARTY DATA

Name:	Ricoh Company, Ltd.	
Street Address:	3-6 Nakamagome 1-Chome	
City:	Ohta-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	143-8555	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15369226

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	6164-001043-US	
NAME OF SUBMITTER: JOHN A. CASTELLANO, REG. NO. 35,094		
SIGNATURE: /John A. Castellano/		
DATE SIGNED:	12/06/2016	

Total Attachments: 3

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PATENT 504124469 REEL: 040533 FRAME: 0582

DECLARATION, POWER OF ATTORNEY, AND ASSIGNMENT¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application entitled:

COORDINATE CALCULATOR AND COORDINATE CALCULATION SYSTEM

As a below named inventor, I hereby declare that:

	·	
This declaration is		
directed to (check one):	<u>X</u>	The attached application: or
		United States application or PCT international
		application number filed
		on
		e or authorized to be made by me. an original joint inventor of a claimed invention in the
•		e statement made in this Declaration and Assignment ne or imprisonment of not more than five (5) years, or
I hereby state that I have reapplication, including the claims		nd understand the contents of the above identified
I acknowledge that I am awa patentability as defined in 37 CF		duty to disclose information which is material to
	POWE	R OF ATTORNEY
	•	with full power of substitution and revocation, to et all business in the Patent and Trademark Office

 $^{1}\,\,$ This form requires the use of an Application Data Sheet.

Page 1 of 3

John A. Castellano Donald J. Daley Gary D. Yacura

Reg. No. 35,094 Reg. No. 34,313

Reg. No. 35,416

and all individuals assigned to Customer No. 94055.

CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., Customer No. 94055, P.O. Box 8910, Reston, Virginia, 20195, (703) 668-8000.

For good and valuable consideration, the receipt and adequacy whereof I hereby acknowledge, I hereby confirm any prior assignment to Ricoh Company, Ltd. having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 Japan (hereinafter "Assignee"), and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but

Page 2 of 3

Attorney Docket No.

not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to letters patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth.

I hereby covenant that I have not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

I hereby grant the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

First Inventor/Assignor En NISHIDA

En Nishida

Wovember, 30, 2016

Dated

Second Inventor/Assignor Yuu KODAMA

November 30, 2016

Dated

Page 3 of 3

RECORDED: 12/06/2016