

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5408794

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SECOND ASSIGNEE previously recorded on Reel 048439 Frame 0495. Assignor(s) hereby confirms the SECOND ASSIGNEE IS, NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY.
CONVEYING PARTY DATA	
Name	Execution Date
TOSHIHIRO OKAMOTO	02/12/2019
KOICHI KUDO	02/12/2019
ICHIRO MAEDA	02/12/2019
TAKAYOSHI YOKOTA	02/19/2019
TSUBASA TAMURA	02/12/2019
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
Name:	NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY
Street Address:	101, KOYAMA-CHO MINAMI 4-CHOME
City:	TOTTORI-SHI, TOTTORI
State/Country:	JAPAN
Postal Code:	680-8550
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16328307
CORRESPONDENCE DATA	
Fax Number:	(703)668-8200
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	703-668-8000
Email:	dcmalroom@hdp.com
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.
Address Line 1:	P.O. BOX 8910
Address Line 4:	RESTON, VIRGINIA 20195

PATENT

ATTORNEY DOCKET NUMBER:	6164-001116-US-NP
NAME OF SUBMITTER:	DONALD J. DALEY REG. NO.: 34,313
SIGNATURE:	/Donald J. Daley/
DATE SIGNED:	03/07/2019
Total Attachments: 9 source=20190226decpoaassignasfiled#page1.tif source=20190226decpoaassignasfiled#page2.tif source=20190226decpoaassignasfiled#page3.tif source=20190226decpoaassignasfiled#page4.tif source=20190226decpoaassignasfiled#page5.tif source=20190226decpoaassignasfiled#page6.tif source=20190226decpoaassignasfiled#page7.tif source=20190226decpoaassignasfiled#page8.tif source=2019-02-27 Notice Of Recordation CoverSheet#page1.tif	

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:

MOVEMENT ROUTE DETERMINATION METHOD AND PROGRAM

As a below named inventor, I hereby declare that:

This declaration is

directed to (check one):

☐ The attached application; or
☒ United States application or PCT international
application number PCT/JP2017/031993 filed
on September 5, 2017.

The above-identified application was made or 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 above-identified application.

I hereby acknowledge that any willful false statement made in this Declaration and Assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

POWER OF ATTORNEY

I hereby appoint the following attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

¹ This form requires the use of an Application Data Sheet.

John A. Castellano	Reg. No. 35,094
Donald J. Daley	Reg. No. 34,313
Gary D. Yacura	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** and **NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY** having places of business at: **101, Koyama-cho minami 4-chome, Tottori-shi, Tottori 680-8550 Japan** (hereinafter "Assignees"), and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignees 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 Assignees 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 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 Assignees 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 Assignees, 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 Assignees.

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.

Toshihiro Okamoto
Toshihiro OKAMOTO

February 12, 2019
Dated

Koichi Kudo
Koichi KUDO

February 12, 2019
Dated

Attorney Docket No.

Ichiro Maeda

Ichiro MAEDA

February 12, 2019

Dated

Takayoshi YOKOTA

Dated

Tsubasa Tamura

Tsubasa TAMURA

February 12, 2019

Dated

Page 4 of 4

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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 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 Assignees 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.

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Toshihiro OKAMOTO

Dated

Koichi KUDO

Dated

Ichiro MAEDA

Dated

Takayoshi Yokota

Takayoshi YOKOTA

February 19, 2019

Dated

Tsubasa TAMURA

Dated

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5393256

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOSHIHIRO OKAMOTO	02/12/2019
KOICHI KUDO	02/12/2019
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Postal Code:	143-8555
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16328307
CORRESPONDENCE DATA	
Fax Number:	(703)668-8200
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	703-668-8000
Email:	dcmalroom@hdp.com
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.
Address Line 1:	P.O. BOX 8910
Address Line 4:	RESTON, VIRGINIA 20195
ATTORNEY DOCKET NUMBER:	6164-001116-US-NP
NAME OF SUBMITTER:	DONALD J. DALEY REG. NO.: 34,313
SIGNATURE:	/Donald J. Daley/
DATE SIGNED:	02/26/2019
Total Attachments: 8	
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