505373216 03/13/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5420008

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SOYOUNG PARK	02/20/2019
TAKAFUMI SASAKI	02/19/2019

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16297887	

CORRESPONDENCE DATA

Fax Number: (703)668-8200

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Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

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Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	6164-001099-US		
NAME OF SUBMITTER:	JOHN A. CASTELLANO, REG. NO. 35,094		
SIGNATURE:	/John A. Castellano/		
DATE SIGNED:	03/13/2019		

Total Attachments: 6

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> PATENT REEL: 048588 FRAME: 0319

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PATENT REEL: 048588 FRAME: 0320

DECLARATION, POWER OF ATTORNEY, AND ASSIGNMENT

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:

THREE-DIMENSIONAL FABRICATING APPARATUS AND THREE-DIMENSIONAL FABRICATING METHOD

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 I	PCT international
		application number	filed
		on	
The above-identified application	was mad	e or authorized to be made by t	me.
I believe that I am the original is above-identified application.	nventor or	an original joint inventor of a c	slaimed invention in the
I hereby acknowledge that any is punishable under 18 U.S.C. both.			~
I hereby state that I have re- application, including the claims		nd understand the contents o	of the above identified
I acknowledge that I am awa patentability as defined in 37 CF		•	ı which is material to
	POWE	P OF ATTORNEY	

 $^{4}\,\,$ This form requires the use of an Application Data Sheet.

Page 1 of 3

Attorney Dacket No.

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.

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 (herelnafter "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.

Page 2 of 3

Attorney Dacket No.

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 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.

Soyoung Rick
First Inventor/Assignor Soyoung PARK

February 20, 2019

Dated

Second Inventor/Assignor Takafumi SASAKI

Dated

Page 3 of 3

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	-		
		application number	filed
		on	
The above-identified application	n was made	or authorized to be made by n	nė,
I believe that I am the original above-identified application.	inventor or	an original joint inventor of a c	laimed invention in the
.***		e statement made in this Decla e or imprisonment of not more	
I hereby state that I have re application, including the claim		d understand the contents of	the above identified
I acknowledge that I am aw patentability as defined in 37 C		duty to disclose information	which is material to
	POWER	OF ATTORNEY	

Page 1 of 3

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Page 2 of 3

Attorney Docket No.

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document.

First Inventor/Assignor Soyoung PARK

Dated

Takafum Hasaki
Second inventor/Assignor Takafumi SASAKI

February: 19, 2019
Dated

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