## 505830605 12/19/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5877538

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHITAKA SUZUKI	12/03/2019
TOMOHIRO FURUHASHI	11/27/2019
TOMOMICHI HOSHINO	12/08/2019
FUMIHARU YONEYAMA	12/09/2019
MAKOTO HIDAKA	11/27/2019
KOKI SAKANO	11/28/2019
AKIRA KUNIEDA	11/27/2019
TAKAHIRO WATANABE	11/27/2019
TAKUYA MORINAGA	11/27/2019
YOHSUKE HARAGUCHI	11/27/2019

#### **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:	16715608

#### **CORRESPONDENCE DATA**

505830605

**Fax Number:** (703)668-8200

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.

**Phone:** 703-668-8000

**Email:** dcmailroom@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: 6150-001585-US

NAME OF SUBMITTER:	JOHN A. CASTELLANO REG. NO. 35,094
SIGNATURE:	/John A. Castellano/
DATE SIGNED:	12/19/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 18	
source=Dec_Assign_POA#page1.tif	
source=Dec_Assign_POA#page2.tif	
source=Dec_Assign_POA#page3.tif	
source=Dec_Assign_POA#page4.tif	
source=Dec_Assign_POA#page5.tif	
source=Dec_Assign_POA#page6.tif	
source=Dec_Assign_POA#page7.tif	
source=Dec_Assign_POA#page8.tif	
source=Dec_Assign_POA#page9.tif	
source=Dec_Assign_POA#page10.tif	
source=Dec_Assign_POA#page11.tif	
source=Dec_Assign_POA#page12.tif	
source=Dec_Assign_POA#page13.tif	
source=Dec_Assign_POA#page14.tif	
source=Dec_Assign_POA#page15.tif	
source=Dec_Assign_POA#page16.tif	
source=Dec_Assign_POA#page17.tif	
source=Dec_Assign_POA#page18.tif	

# DECLARATION, POWER OF ATTORNEY, AND ASSIGNMENT<sup>1</sup>

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:

## SHEET FOLDING SYSTEM AND IMAGE FORMING SYSTEM

As a below named inventor, I hereby declare that:

This declaration is			
directed to (check one):	1	The attached application:	or
		United States application	or PCT international
		application number	filed
		on	
The above-identified application was	as made	e or authorized to be made	by me.
I believe that I am the original inverse above-identified application.	entor or	an original joint inventor of	fa claimed invention in the
I hereby acknowledge that any will is punishable under 18 U.S.C. 100 both.			_
I hereby state that I have reviewed including the claims.	and und	erstand the contents of the	above identified application,
I acknowledge that I am aware of the as defined in 37 CFR § 1.56.	ne duty t	o disclose information whic	h is material to patentability

Page 1 of 6

<sup>&</sup>lt;sup>1</sup> This form requires the use of an Application Data Sheet.

#### **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.

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., with address 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.

Page 2 of 6

Attorney Docket 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.

I MICHITAKA SUZUKI

MICHITAKA SUZUKI

December 3, 2019

Dated

Page 3 of 6

REEL: 051334 FRAME: 0928

Tomohiro Furuhashi	/
TOMOHIRO FURUHASHI	
November 27, 2019	
Dated	
TOMOMICHI HOSHINO	
Dated	
FUMIHARU YONEYAMA	
Dated	
Makoto Hidaka	/
MAKOTO HIDAKA	
November 27, 2019	
Dated	

Page 4 of 6

KOKI SAKANO	/
KOKI SAKANO	
November 28, 2019	
Dated	
•	
Akira Kunieda	/
AKIRA KUNIEDA	
November 27, 2019	
Dated	
TAKAHIRO WATANABE	/
TAKAHIRO WATANABE	
November 27, 2019	
Dated	
TAKUYA MORINAGA	/
TAKUYA MORINAGA	
November 27, 2019	
Dated	

Page 5 of 6

/ YOHSUKE HARAGUCHI /
YOHSUKE HARAGUCHI
November 27, 2019

Dated

Page 6 of 6

# DECLARATION, POWER OF ATTORNEY, AND ASSIGNMENT<sup>1</sup>

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:

## SHEET FOLDING SYSTEM AND IMAGE FORMING SYSTEM

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	filed
		on	
The above-identified application	was made	e or authorized to be made by me.	
I believe that I am the original i above-identified application.	nventor or	an original joint inventor of a clain	ned invention in the
		e statement made in this Declarati ne or imprisonment of not more tha	-
I hereby state that I have review including the claims.	ed and und	lerstand the contents of the above i	dentified application,
I acknowledge that I am aware of as defined in 37 CFR § 1.56.	of the duty t	to disclose information which is mat	terial to patentability

Page 1 of 6

<sup>&</sup>lt;sup>1</sup> This form requires the use of an Application Data Sheet.

#### **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.

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., with address 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.

Page 2 of 6

Attorney Docket 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.

MICHITAKA SUZUKI	
Dated	

Page 3 of 6

TOMOHIRO FURUHASHI
Dated
A .a. 1 line
Fomomichi Hoshino
TOMOMICHI HOSHINO
December 8, 2019
Dated
FUMIHARU YONEYAMA
Dated
MAKOTO HIDAKA
Dated

Page 4 of 6

	-
KOKI SAKANO	
	_
Dated	
AKIRA KUNIEDA	-
Dated	_
Dated	
TAKAHIRO WATANABE	
Dated	-
	•
TAKUYA MORINAGA	-
IAIG IA MONINAGA	
Dated	_
Dated	•

Page 5 of 6

YOHSUKE HARAGUCHI			
Dated			

Page 6 of 6

# DECLARATION, POWER OF ATTORNEY, AND ASSIGNMENT<sup>1</sup>

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:

## SHEET FOLDING SYSTEM AND IMAGE FORMING SYSTEM

As a below named inventor, I hereby declare that:

This declaration is			
directed to (check one):	<u>√</u>	The attached application: or	
		United States application or PC1	Γ international
		application number	filed
		on	
The above-identified applicati	on was made	e or authorized to be made by me.	
I believe that I am the origina above-identified application.	l inventor or	an original joint inventor of a clair	med invention in the
•	•	e statement made in this Declarat ne or imprisonment of not more th	_
I hereby state that I have revie including the claims.	wed and und	derstand the contents of the above	identified application
I acknowledge that I am aware as defined in 37 CFR § 1.56.	of the duty t	to disclose information which is ma	iterial to patentability

Page 1 of 6

<sup>&</sup>lt;sup>1</sup> This form requires the use of an Application Data Sheet.

#### **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.

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., with address 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.

Page 2 of 6

Attorney Docket 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.

MICHITAKA S	UZUKI		
Dated			

Page 3 of 6

TOMOHIRO FURUHASHI
Dated
TOMOMICHI HOSHINO
Dated
FUMIHARU YONEYAMA
FUMIHARU YONEYAMA
December 9, 2019
Dated
MAKOTO HIDAKA
Dated

Page 4 of 6

KOKI SAKANO		
Dated		
AKIRA KUNIEDA		
Dated		
TAKAHIRO WATANABE		
Dated	<del></del>	
TAKUYA MORINAGA		
Detect		
Dated		

Page 5 of 6

Attornev	Dool	leat.	Na
Aucmev	LUCC	Kel	IVO.

YOHSUKE HARAGUCH	11	

Page 6 of 6