01/27/2015 503152686

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3199299

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the TITLE previously recorded on Reel 034596 Frame 0199. Assignor(s) hereby confirms the ASSIGNMENT.

## **CONVEYING PARTY DATA**

Name	Execution Date
Kiyoshige SHIBAZAKI	12/12/2014
Muneki HAMASHIMA	12/12/2014
Susumu MORI	12/12/2014
Kenichi ISHIGA	12/12/2014

#### **RECEIVING PARTY DATA**

Name:	Nikon Corporation	
Street Address: 12-1, Yurakucho 1-chome		
Internal Address:	Chiyoda-ku	
City:	Tokyo	
State/Country:	Japan	
Postal Code:	100-8331	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14513729	

### **CORRESPONDENCE DATA**

Fax Number: (703)836-2787

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	163436
NAME OF SUBMITTER:	HALEY BUSBY
SIGNATURE:	/Haley Busby/
DATE SIGNED:	01/27/2015

**Total Attachments: 3** 

**PATENT REEL: 034825 FRAME: 0970** 

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> PATENT REEL: 034825 FRAME: 0971

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3164548

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date		
Kiyoshige SHIBAZAKI	12/12/2014		
Muneki HAMASHIMA	12/12/2014		
Susumu MORI	12/12/2014		
Kenichi ISHIGA	12/12/2014		

## **RECEIVING PARTY DATA**

Name: Nikon Corporation			
Street Address:	12-1, Yurakucho 1-chome		
Internal Address:	Chiyoda-ku		
City:	Tokyo		
State/Country:	Japan		
Postal Code:	100-8331		

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14513729

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	163436
NAME OF SUBMITTER:	JOVITA RUDD
SIGNATURE:	/Jovita Rudd/
DATE SIGNED:	12/29/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2	

i otal Attachments: 2

PATENT REEL: 034825 FRAME: 0972

# ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

#### ASSIGNMENT

	Insert	(1)	Kiyoshige SHIBAZAKI		(2)	Muneki HAMASHIMA
(1-8)	Legal Name(s)	(3)	Susumu MORI		(4)	Kenichi ISHIGA
	of Inventor(s)	(5)			(6)	
		(7)			(8)	
		the un	sideration of the sum of one dersigned, the receipt and su , and hereby does assign, tra	ifficiency of which	are i	er good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignce	(9)	NIKON CORPORATION	1		
(10)	Insert Address of Assignee	(10)	12-1, Yurakucho 1-chom	e, Chiyoda-ku, To	kyo	100-8331, Japan
		the ent invents contin	ire right, title and interest fo ion, and in all applications fo	or the United States or patent including ute and reissue appl	of A any licat	eirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	IMAGE PROCESSING I PROGRAM	DEVICE, IMAGIN	3 D	EVICE, AND IMAGE PROCESSING
	Application Number					
		(Attor	ney Docket No. 163436	•	), 1	filed on even date herewith or as
(12)	Alternative Identification for	(12)	U.S. Application Number	14/513,729		
	filed applications	filed	October 14, 2014			

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also

Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
 Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
 Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
 Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
 Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full tight to convey the

resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that

this assignment is birding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

#### (13)Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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.

> PATENT REEL: 034825 FRAME: 0973

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Dec. 12, 2014	Inventor Signature	芝弄精发	
Date	Dec. 12, 2014	Inventor Signature	Munchi Gamahima	_ (語)
Date	Dec. 12.2014	Inventor Signature $\gtrsim$	seas Hori	_ (SFAL)
Date	Dec. 12, 20Kf	Inventor Signature	石質健一	
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
neither,	This assignment should preferably be signed then it should be signed before at least two v	d before: (a) a Notary Publi- vitnesses who also sign here	o if within the U.S.A. (b) a U.S. Consul if outside	the U.S.A. If
Date	Dec . 15 , 2014	Witness	Yosharaka One	· · · · · · · · · · · · · · · · · · ·
Date		Witness		