504681974 12/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4728696

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROKI HARADA	09/27/2017

RECEIVING PARTY DATA

Name:	NIKON CORPORATION	
Street Address:	15-3, KONAN 2-CHOME	
City:	MINATO-KU, TOKYO	
State/Country:	JAPAN	
Postal Code:	108-6290	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15545701

CORRESPONDENCE DATA

Fax Number: (703)956-7647

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: 7039567651

Email: mshapiro@sgriplaw.com, docketing@sgriplaw.com,

ctexidor@sgriplaw.com

Correspondent Name: MITCHELL W. SHAPIRO

Address Line 1: 8607 WESTWOOD CENTER DRIVE, SUITE 320

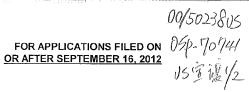
Address Line 4: TYSONS CORNER, VIRGINIA 22182

TTORNEY DOCKET NUMBER: XA-13265	
NAME OF SUBMITTER: MITCHELL W. SHAPIRO, REG. NO. 31,568	
SIGNATURE:	/Mitchell W. Shapiro/
DATE SIGNED:	12/11/2017

Total Attachments: 2

source=OSP70741_ASSIGNMENT_DEC_#page1.tif source=OSP70741 ASSIGNMENT DEC #page2.tif

PATENT 504681974 REEL: 044358 FRAME: 0549





COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

DECLARATION

As a below-named inventor, I hereby declare that:
This Declaration is directed to:
the attached application, OR
United States Application No. or PCT International Application No. 15/545,701 filed on July 23, 2017 , and was amended on,
for the invention entitled VARIABLE MAGNIFICATION OPTICAL SYSTEM, OPTICAL APPARATUS, AND
METHOD FOR MANUFACTURING VARIABLE MAGNIFICATION OPTICAL SYSTEM .
The above-identified application was made or authorized to be made by me.
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.
I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
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.
ASSIGNMENT
IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, paid to me by NIKON CORPORATION ("ASSIGNEE"), a corporation or other business entity duly organized under the laws of <u>Japan</u> , whose postal address is 15-3, Konan 2-chome, Minato-ku, Tokyo 108-6290 Japan
I do hereby sell, assign, and transfer to ASSIGNEE, its successors, legal representatives, and assigns, all my right, title and interest, in the United States of America, in and to the above-entitled invention and the above-identified application, all applications claiming the benefit of the above-identified application, including but not limited to all divisions and continuations, all

United States Letters Patent which may be granted for the invention, and any reissues or

representatives, and assigns, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me if this

extensions thereof, to be held and enjoyed by ASSIGNEE, its successors, legal

assignment and sale had not been made;

PATENT REEL: 044358 FRAME: 0550



AND I further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States of America, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

And I do hereby authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment.

(1)	Full name of sole of first inventor. Hir	OKI MAKADA
	Date: 5ep. 27, 2017	Signature: HIroki HARADA
	Citizenship: <u>Japan</u>	Residence: Zushi-shi, Japan
	Post Office Address: <u>c/o NIKON CORP</u>	ORATION, 15-3, Konan 2-chome, Minato-ku,
	Tokyo 108-6290 J	apan
(2)	Full name of second joint inventor:	
	Date:	Signature:
	Citizenship:	Residence:
	Post Office Address:	
/2\	Full name of third joint inventor:	
(3)		<u> </u>
	Date:	Signature:
	Citizenship:	Residence:
	Post Office Address:	
(4)	Full name of fourth joint inventor:	
	Date:	Signature:
	Citizenship:	Residence:
	Post Office Address:	
(5)	Full name of fifth joint inventor:	
()	Date:	Signature:
	Citizenship:	Residence:

PATENT REEL: 044358 FRAME: 0551

RECORDED: 12/11/2017