506430060 01/02/2021

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6476827

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date	
YOKO KOMATSUBARA	11/16/2020	
TAKESHI UMEDA	11/16/2020	

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number		
Application Number:	17257569		

#### CORRESPONDENCE DATA

Fax Number: (202)921-7409

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.

2029217400 Phone:

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MITCHELL W. SHAPIRO **Correspondent Name:** 

Address Line 1: 1701 PENNSYLVANIA AVENUE, NW

Address Line 2: SUITE 200

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	XA-13542		
NAME OF SUBMITTER:	MITCHELL W. SHAPIRO REG. NO. 31,568		
SIGNATURE:	/Mitchell W. Shapiro/		
DATE SIGNED:	01/02/2021		

#### **Total Attachments: 4**

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# 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. <u>PCT/JP2018/026486</u> , filed on <u>July 13, 2018</u> , and was amended on,				
for the invention entitled VARIABLE MAGNIFICATION OPTICAL SYSTEM, OPTICAL				
EQUIPMENT, AND METHOD FOR PRODUCING 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 byNIKON CORPORATION ("ASSIGNEE"), a corporation or other business entity duly organized under the laws of, whose postal address is, 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

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



granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

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 na	me of so	e or first inv	entor:	Yoko KOMATSUBARA			
	Date: _	<u> </u>	<u>(16/202</u>	0	_ Signature:	<u>Yoto</u>	KOMATSU	BARA
	Citizen	ship:	JAPAN		Residence:	Yokohar	na-shi, Japan	
		ffice Addi 108-6290		KON C	ORPORATION, -	15-3, Kona	n 2-chome, Mina	<u>to-ku,</u>
(2)	Full na	me of so	e or first inv	entor:	Takest	i UMEDA		
	Date: Signature:							
	Citizen	ship:	JAPAN		Residence:	Fujisawa	ı-shi, Japan	
		ffice Addi		KON C	ORPORATION,	15-3, Kona	n 2-chome, Mina	to-ku,



## COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

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EQUIPMENT, AND METHOD FOR PRODUCING VARIABLE MAGNIFICATION OPTICAL				
SYSTEM.				
The above-identified application was made or authorized to be made by me.				
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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 byNIKON CORPORATION ("ASSIGNEE"), a corporation or other business entity duly organized under the laws of, whose postal address is, Sonan 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

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



granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

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 or first inventor:	Yoko KC	DMATSUBARA
	Date:	Signature: _	
	Citizenship: <u>JAPAN</u>	Residence:	Yokohama-shi, Japan
	Post Office Address: <u>c/o NIKON CC</u> Tokyo 108-6290 Japan	ORPORATION,	15-3. Konan 2-chome, Minato-ku,
(2)	Full name of sole or first inventor:	Takeshi	UMEDA
	Date: Nov / 16 / 2020	Signature: _	Takeshi UMEDA
	Citizenship: <u>JAPAN</u>	Residence:	Fujisawa-shi, Japan
	Post Office Address: <u>c/o NIKON CO</u> Tokyo 108-6290 Japan	DRPORATION.	15-3, Konan 2-chome, Minato-ku,

PATENT REEL: 054791 FRAME: 0872

RECORDED: 01/02/2021