#### 505710579 10/07/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

**EPAS ID: PAT5757389** 

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKAYUKI NODA	08/20/2019
YASUHIKO OBIKANE	08/20/2019

#### **RECEIVING PARTY DATA**

Name:	TAMRON CO., LTD.
Street Address: 1385 HASUNUMA, MINUMA-KU, SAITAMA-SHI	
City:	SAITAMA
State/Country:	JAPAN

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

Property Type	Number
Application Number:	16594643

#### **CORRESPONDENCE DATA**

Fax Number: (703)935-8473

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.

571-313-7556 Phone: Email: mail@paratus.law

Correspondent Name: PARATUS LAW GROUP, PLLC

Address Line 1: 1765 GREENSBORO STATION PLACE

Address Line 2: **SUITE 320** 

Address Line 4: TYSONS CORNER, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	13-411-0011
NAME OF SUBMITTER:	MIHARU SCULLY
SIGNATURE:	/Miharu Scully/
DATE SIGNED:	10/07/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 2**

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**PATENT** REEL: 050642 FRAME: 0536 505710579

Attorney Docket No.: Chent Ref. No.: P19001-1\_US

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	IMAGING OPTICAL SYSTEM AND IMAGE CAPTURING APPARATUS	
As the below	named inventor, I hereby declare that:	
This declarati	XI The attrabad application at	
	United States application or PCT international application number filed on	
The above-id	entified application was made or authorized to be made by me.	
AND PERSONS A CO.	I am the original inventor or an original joint inventor of a claimed invention in the application.  Tamron Co., Ltd.  with offices at numma, Minuma-ku, Saitama-shi, Saitama, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of	
acquiring all	interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar on which may be granted therefor in the United States and in any and all foreign countries;	
NOW THEREPORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;		
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;		
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE theroof shall hereafter require and prepare at its own expense;		
And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;		
And I hereby this assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with nt and sale.	
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.		
	AE OF INVENTOR	
Inventor	Takayaki Noda Date 20 h Qug. 2019	
Signature:	Jakazuki Noda	

PATENT REEL: 050642 FRAME: 0537

Attorney Docket No.: Client Ref. No.: P19001-1\_US

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

	IMAGING OPTICAL SYSTEM AND IMAGE CAPTURING APPARATUS (averation)			
	As the below named inventor, I hereby declare that:			
	This declaration S directed to:  The attached application, or			
	United States application or PCT international application number filed on			
	the above-identified application was made or authorized to be made by me.			
	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  WHEREAS, Tamron Co., Ltd. , with offices at 1385 Hasumuma, Minuma-ku, Saitama-shi, Saitama, JAPAN (hereinatter referred to as ASSIGNEE), is desirous of			
	1385 Hastimisma, Mithima-Kil, Salfama-Sil, Salfama, JAPAN (herematter referred to as ASSIGNEE), is desirous of equiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar egal protection which may be granted therefor in the United States and in any and all foreign countries;			
	NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal expresentatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and o any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the international Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the Inited States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignce of the whole right, title and interest thereto;			
	And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its hesignee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further emuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the Inited States and countries foreign thereto;			
	And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which have be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;			
	And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will estify as to the same in any interference or litigation related thereto;			
	and I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with his assignment and sale.			
~~	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.			
	EGAL NAME OF INVENTOR			
	nvestor: Yasuhiko Obikane Date: 20, Aug., 2019			
	lignature: Yosuhiko Obikans			

**RECORDED: 10/07/2019** 

PATENT REEL: 050642 FRAME: 0538