504307450 04/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4354131

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| KAZUTERU KAWAMURA | 03/16/2017 |

RECEIVING PARTY DATA

| Name: | OLYMPUS CORPORATION |
|-----------------|---------------------|
| Street Address: | 2951 ISHIKAWA-MACHI |
| City: | HACHIOJI-SHI, TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 192-8507 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15479626 |

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER: 17100

NAME OF SUBMITTER: AMIT KULKARNI

SIGNATURE: /ak/

DATE SIGNED: 04/05/2017

Total Attachments: 1

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PATENT REEL: 041858 FRAME: 0154

504307450

U.S. Attorney Docket No.

ASSIGNMENT

In consideration of value received, I, having a post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

ZOOM OPTICAL SYSTEM AND IMAGE PICKUP APPARATUS USING THE SAME

sell and assign to OLYMPUS CORPORATION

a corporation of JAPAN

having a business address at 2951 Ishikawa-machi, Hachioji-shi, Tokyo 192-8507 JAPAN

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith and/or identified below;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Application Number and filing date of said application when known.

APPLICATION NO.:

FILING DATE:

Holtz, Holtz & Volek PC 630 Ninth Avenue, Suite 1010, New York, NY 10036-3744 Tel. (212) 319-4900 Fax. (212) 319-5101

| Sign: Kozuto Kawamra | Date: Man 11,2017 | Post Office Address: c/o OLYMPUS CORPORATION 2951 Ishikawa-machi, Hachioji-shi, Tokyo 192-8507 JAPAN | | |
|--|-------------------|---|--|--|
| Type: Kazuteru KAWAMURA | Witness: | | | |
| MUST BE DATED. WITNESS DESIRABLE. LEGALIZATION NOT REQUIRED. | | | | |

Holtz, Holtz & Volek PC

PATENT REEL: 041858 FRAME: 0155