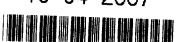
Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/3 10-04-2007



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U.S. PTO 11/902724 09/25/2007

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Mitsuhiro Suzaki (09/03/2007), Yusuke Nanjo Sony Corporation (09/07/2007), Atsuo Minato (09/06/2007), and Shinichi Arita (09/03/2007) Internal Address: Additional name(s) of conveying party(ies) attached? Street Address: 3. Nature of conveyance/Execution Date(s): 1-7-1 Konan Minato-Ku, Tokyo Execution Date(s): in parentheses after inventor name 108-0075 **JAPAN** x Assignment Merger Change of Name Security Agreement Joint Research Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Zip: Additional name(s) & address(es) Yes attached? 4. Application or patent number(s): x This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 11/902724 Additional numbers attached? Yes X No 5. Name and address to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: Atty. Dkt.: SON-3865 Authorized to be charged by credit card Street Address: 1233 20th Street, N.W. Authorized to be charged to deposit account Suite 501 **Enclosed** None required (government interest not affecting title) Washington 8. Payment Information City: 20036 DC a. Credit Card Last 4 Numbers Zip: State: **Expiration Date** (202) 955-3750 Phone Number: 18-0013 b. Deposit Account Number (202) 955-3751 Fax Number: Authorized User Name Ronald P. Kananen rpk@raderfishman.com Email Address: 9. Signature: September 25, 2007 Date Signatu∕re Total number of pages including cover Ronald P/Kananen -24,104 sheet, attachments, and documents: Name of Person Signing

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ASSIGNMENT	Docket Number:
ASSIGNMENT	
WHEREAS, I, as a below named inventor, residing at the a only one name is listed below) or a joint inventor (if plural names are listed ZOOM LENS AND IMAGING APPARATUS	
for which application for Letters Patent of the United States of America was e and address;	executed by me on the date indicated next to my n
AND WHEREAS, Sony Corporation, a Japanese corporation, a Japanese corporation, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all said application disclosing the invention and in, to and under any Letters Pattherefor in the United States and in any and all foreign countries;	Il interest in, to and under said invention,
NOW THEREFORE, in consideration of the sum of One Dotthe receipt and sufficience of which are hereby acknowledged, I, as a sole or jointerest in the said invention, said application, including any divisions and contents of the United States, and countries foreign thereto, which may be granterights and/or convention rights under the International Convention for the Protect Relating to Patents, Designs and Industrial Models, and any other internation adheres, and to any other benefits accruing or to accrue to me with respect to patents in the United States and countries foreign thereto, and I hereby authorizes and United States Letters Patent to said ASSIGNEE, as the assignee of the works.	joint inventor as indicated below, been, and legal representatives, the entire right, title entinuations thereof, and in and to any and all Legal for said invention, and in and to any and all principles of Industrial Property, Inter-American Convertal agreements to which the United States of American the filing of applications for patents or securing and request the Commissioner of Patents to issue
And I further agree to execute all necessary or desirable and lawful ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal and without further remuneration, in order to perfect title in said invention, applications and Letters Patent of the United States and countries foreign there	I representatives may from time-to-time present to modifications, and improvements in said inven-
And I further agree to properly execute and deliver and without further papers for application for foreign patents, for filing subdivisions of said applications of said applications of any Letters Patent which may be granted for my aforesaid invention prepare at its own expense;	cation for patent, and or, for obtaining any reissu
And I further agree that ASSIGNEE will, upon its request, be provi- relating to said application, said invention and said Letters Patent and legal e- accessible to me and will testify as to the same in any interference or litigation	quivalents in foreign countries as may be known
And I hereby covenant that no assignment, sale, agreement or encumb would conflict with this assignment and sale.	prance has been or will be made or entered into w
And I hereby authorize and request my attorney(s) of record in this ap his application in the spaces that follow: Serial Number:	oplication to insert the serial number and filing da Filing Date:
This assignment executed on the dates indicated below.	
-	September 3, 2007
Mitsuhiro SUZAKI	Execution date of U.S. Patent Applica

Signature of first or sole inventor

Residence of first or sole inventor

Tokyo, Japan

Name of first or sole inventor

Uitsuhiro

PATENT REEL: 019929 FRAME: 0250

Siptember 3, 2007

Date of this assign

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Name of second inventor	Execution date of U.S. Patent Applicat
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Residence of second inventor	
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Signature of second inventor	September 7, 2007 Date of this assignm
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Name of third inventor	September 6. 2007 Execution date of U.S. Patent Applicat
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Atsuo Minats	Same 1 6 2007
Signature of third inventor	September. 6. 2007 Date of this assignment
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	September 3. 2007
Shinichi ARITA	Execution date of U.S. Patent Application
Name of fourth inventor	Execution date of 0.3. I atent Applicati
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Residence of fourth inventor	September 3. 200)
Shrnichi Avita	Date of this assignme
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RECORDED: 09/25/2007