01-25-2007

Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008) REQUEST for REVISED A N RECOF	DEPARTMENT OF COMMERCE ales Patent and Trademark Office
NOTICE OF	03365338
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
Name of conveying party(les):	2. Name and address of receiving party(iss)
Yuşuke Nanjo (4/25/2006) and Atsuo Minato (5/11/2006)	Name: Sony Corporation
Additional name(s) of conveying party(les) attached? Yes X No	Internal Address:Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): in parentheses after inventor name  Assignment Merger Change of Name  Security Agreement Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Record correct Assignee Information for an	7-95 Kitashinagawa, 6-chome Shinagawa-Ku
Security Agreement Joint Research Agreement	City: Tokyo
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: Japan Zip: 141-0001
Cother Record correct Assignee Information for an Assignment document previously recorded at Reel 018387, Frame 0889 (applicant error)	Additional name(s) & address(es) attached?
4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
10/554,508	J. 1 d.d. 110.(g)
, in the second	
Additional numbers attached	? Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:  1
Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address; Atty. Dkt.; SON-3229	Authorized to be charged by credit card
Street Address: 1233 20th Street, N.W. Suite 501	X Authorized to be charged to deposit account
Suite 50 I	Enclosed Charge
	None required (government interest not affecting title)
City: Washington	8. Payment Information
State: DC Zip: 20036	a. Credit Card Last 4 Numbers
Phone Number: (202) 955-3750	Expiration Date
Fax Number: (202) 955-3751	b. Deposit Account Number 18-0013
Email Address: rpk@raderfishman.com	Authorized User Name Ronald P. Kananen
9. Signature:	
Ct 3	57,199 January 18, 2007
Signature	Date
Ronald P. Kananen - 24,104  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

RADER FISMAN AND GRA 202-955-5771 Form PTO-1595 (Rev. 08/05) U.S. DÉPARTMENT OF COMMERCE OMB No. 0681-0027 (exp. 6/30/2008) Inited States Patent and Trademark Office 103319877 PATENTS ONLY To the Director of the U.S. Patent and Trademark Office; Please record the attached documents or the new address(es) below. Name of conveying party(ies): 2. Name and address of receiving party(les) Yusuke Nanjo (4/25/2006) and Atsuo Minato Name: Yusuke Nanjo (5/11/2006) Internal Address: Additional name(s) of conveying party(ies) ettached? Street Address: c/o Sony Corporation 3. Nature of conveyance/Execution Date(s); 7-35 Kitashinagawa, 6-chome Shinagawa-Ku, Tokyo Execution Date(s): in parentheses after inventor name 141-0001 x Assignment Merger Change of Name **JAPAN** Security Agreement Joint Research Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Zip: (ce)acendda & (c)eman ianoldibA x attached? 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Petent No.(s) 10/554,508 Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and concerning document should be mailed; patents involved: Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: Atty, Dkt.: SON-3229 Authorized to be charged by credit card Street Address: 1233 20th Street, N.W. X Authorized to be charged to deposit account Suite 501 Enclosed None required (government interest not affecting title) City: Washington 8. Payment Information State:\_ 20036 Zip: a. Credit Card Last 4 Numbers (202) 955-3750 Phone Number: Expiration Date Fax Number: (202) 955-3751 b. Deposit Account Number 18-0013 Authorized User Name Ronald P. Kananen Email Address: rpk@raderfishman.com 9. Signature:

Name of Person Signific 10554506 10/05/2006 LLANDGNA 00000080 180013 40.00 BA 02 FE:8021

Ronald P. Kananén -

4/104

PATENT

October 2, 2006 Date

Total number of pages including cover

sheet, attachments, and documents:

REEL: 018808 FRAME: 0319

Docket Number: SON-3229

## ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

## ZOOM LENS AND IMAE PICKUP APPARATUS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, located and doing business at 7-35 Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, JAPAN (hereinafter referenced as ASSIGNEE) are 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 legal 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, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the 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 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 the 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 ASSIGNEES or its designee, as ASSIGNEES 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 the ASSIGNEES thereof shall hereafter require and prepare at its own expense;

PATENT REEL: 018808 FRAME: 0320

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 covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 10/554, 508Filing Date:\_\_\_\_\_

This assignment executed on the dates indicated below.

Yusuke Nanjo

Name of first inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of first inventor

Yusuke Wanja
Signature of first inventor

April 25, 2006

Date of this assignment

Atsuo Minato

Name of second inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of second inventor

Utsus Aminute
Signature of second inventor

May 11. 2006 Date of this assignment

**RECORDED: 01/18/2007** REEL: 018808 FRAME: 0321