Form <b>PTO-1595</b> (Rev. 03-09) DMB No. 0651-0027 (exp. 03/31/2009)	01-19-2010 RTMENT OF COMMERCE tent and Trademark Office
BECORDATION	
To the Director of the U.S. Patent and Trademark Office: Plea	ase rect. U.3586553 w address(es) below.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Keita Hibi (01/05/2010) and Hiroshi Yasutomi (01/06/2010)	Name: Sony Corporation
Additional name(s) of conveying party(ies) attached? Yes No	Internal Address:  Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): in parentheses after inventor name	1-7-1 Konan — Minato-Ku,
Assignment Merger Change of Name	Timido ra,
Security Agreement Joint Research Agreement	City:Tokyo
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: JAPAN Zip: 108-0075
Other	Additional name(s) & address(es)
	attached?
A. Patent Application No.(s) 29/347,162	B. Patent No.(s)
Additional numbers attach	ned? Yes No
. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: DADED EIGHMAN & CDAHED DITC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
RADER, MISHIWAN & GRAVER PLLC	
Internal Address: Atty. Dkt.: SDE-2462 Street Address: 1233 20th Street, N.W. Suite 501	Authorized to be charged to deposit account  Enclosed
Internal Address: Atty. Dkt.: SDE-2462 Street Address: 1233 20th Street, N.W. Suite 501	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
Internal Address: Atty. Dkt.: SDE-2462 Street Address: 1233 20th Street, N.W. Suite 501  City: Washington	Authorized to be charged to deposit account  Enclosed
Internal Address: Atty. Dkt.: SDE-2462 Street Address: 1233 20th Street, N.W. Suite 501  City: Washington State: DC Zip: 20036	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
Internal Address: Atty. Dkt.: SDE-2462 Street Address: 1233 20th Street, N.W. Suite 501  City: Washington State: DC Zip: 20036 Phone Number: (202) 955-3750	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
Internal Address: Atty. Dkt.: SDE-2462 Street Address: 1233 20th Street, N.W. Suite 501  City: Washington State: DC Zip: 20036 Phone Number: (202) 955-3750	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information
Internal Address: Atty. Dkt.: SDE-2462 Street Address: 1233 20th Street, N.W. Suite 501  City: Washington State: DC Zip: 20036 Phone Number: (202) 955-3750  Fax Number: (202) 955-3751	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  Deposit Account Number 18-0013
Internal Address: Atty. Dkt.: SDE-2462 Street Address: 1233 20th Street, N.W. Suite 501  City: Washington State: DC	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  Deposit Account Number 18-0013

Sterling D. Fillmore - 63,796 Name of Person Signing

01/15/2010 LMUELLER 00000037 180013 29347162 01 FC:8021 40.00 DA

Total number of pages including cover sheet, attachments, and documents:

PATENT

REEL: 023808 FRAME: 0134

Docket Number: SDE-2462

## 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

## VIDEO CAMERA

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, a Japanese corporation with offices at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 JAPAN, (hereinafter referenced as ASSIGNEES) 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 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 Ten Dollar (\$10.00), 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 ASSIGNEES, 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;

PATENT REEL: 023808 FRAME: 0135 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 ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES 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: 29/347,162, Filing Date: 10/08/2009.

This assignment executed on the dates indicated below.

Keita HIBI Kith Hill

**RECORDED: 01/13/2010** 

2010-1.5

Signature

Date

Hiroshi YASUTOMI

Hiroshi gasutomi Signature

January 6, 2010

PATENT

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