

8-17-07



U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of

103437948

ed original documents or copy thereof.

1. Name of conveying parties  
Shinichi MORIYAMA, Masaharu TOMURA  
Additional name(s) of conveying party(ies)  
attached?  Yes  No

2. Name and address of receiving party(ies)  
SONY CORPORATION  
1-7-1 Konan, Minato-ku  
Tokyo, 108-0075, Japan

3. Nature of conveyance:  
 Assignment  
 Security Agreement  
 Merger  
 Change of Name  
 Other  
Execution Date(s): July 23 and June 14, 2007

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No. 11/787,799 filed April 18, 2007.  
Additional numbers attached?  Yes  No

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5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: WILLIAM S. FROMMER  
Internal Address: FROMMER LAWRENCE & HAUG LLP  
Street Address: 745 FIFTH AVENUE  
City: NEW YORK State: NY Zip: 10151

6. Total number of applications and patents involved 1  
7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account 50-0320  
8. Deposit account number:  
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9. Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William S. Frommer, Reg. No. 25,506

August 13, 2007

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

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507 D07784500

FLH Docket Number: 450 100-05960

**ASSIGNMENT**

WHEREAS, I, as 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

**IMAGING APPARATUS AND METHOD OF PROCESSING IMAGE SIGNAL**

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 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 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 ASSIGNEE, 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 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 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 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 the 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 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: 11/787,799, Filing Date: April 18, 2007.

This assignment executed on the dates indicated below.

Shinichi MORIYAMA \_\_\_\_\_ Execution date of U.S. Patent Application  
Name of sole or 1st inventor

Kanagawa, Japan \_\_\_\_\_  
Residence of sole or 1st inventor

\_\_\_\_\_  
Signature of sole or 1st inventor Date of this assignment

Masaharu TOMURA \_\_\_\_\_ Execution date of U.S. Patent Application  
Name of 2nd joint inventor

Kanagawa, Japan \_\_\_\_\_  
Residence of 2nd joint inventor

Masaharu Tomura \_\_\_\_\_  
Signature of 2nd joint inventor Date of this assignment

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PATENT  
450100-05960

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Shinichi MORIYAMA et al.  
 Serial No. : 11/787,799  
 For : IMAGING APPARATUS AND METHOD OF PROCESSING  
 IMAGE SIGNAL  
 Filed : April 18, 2007  
 Examiner : To Be Assigned  
 Art Unit : 2625

745 Fifth Avenue  
New York, NY 10151

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Date of Deposit: 8/13/07

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Barnet Shindler

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[Signature]

(Signature of person mailing paper or fee)

**DECLARATION OF JOINT INVENTOR IN SUPPORT OF FILING  
ON BEHALF OF OMITTED INVENTOR UNDER 37 CFR 1.47 (a)**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

I, Masaharu Tomura, am a joint inventor of the subject matter disclosed and claimed in the above-identified application and have signed this Declaration on my own behalf and also sign this Declaration under 37 CFR 1.47(a) on behalf of the omitted joint inventor, Shinichi

PATENT  
450100-05960

Moriyama, who has refused to sign, the Declaration under 37 CFR 1.63. The last known address of Shinichi Moriyama is 602 Amenity-Higashi-cho,  
5-12 Higashi-cho, Atsugi-shi, Kanagawa, Japan. Shinichi Moriyama is a citizen of Japan.

Accompanying this Declaration is a Declaration of Facts in Support of Filing on Behalf of Omitted Inventor as well as the petition fee of \$130 as required by 37 CFR 1.17(h).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Masaharu Tomura

Masaharu Tomura

23/07/2007

Date