

U.S. PTO
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07/29/2008

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FORM PTO-1595
(Rev. 06/93) PATENTS ONLY

RECORDATION FORM COVER SHEET

OMB No. 0651-0011 (Exp. 04/94)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ximin Zhang
Ming-Chang Liu

Additional name(s) of conveying party(ies) attached.

2. Name and address of receiving party(ies):

Sony Corporation
1-7-1 Konan
Minato-ku
Tokyo, 108-0075
JAPAN

Sony Electronics Inc.
1 Sony Drive
Park Ridge, New Jersey 07656-8003

Additional name(s) and address(es) attached.

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: July 29, 2008.

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application, the execution date of the application is: July 29, 2008.
☐ Patent Application Serial No.(s): filed on .
☐ Patent No.(s): .
☐ Additional numbers attached.

5. Name and address of party to whom correspondence concerning document should be mailed:

Jonathan O. Owens
HAVERSTOCK & OWENS LLP
162 North Wolfe Road
Sunnyvale, California 94086

6. Total number of applications and patents involved: 1.

7. Total fee(s) [37 CFR §§ 1.21(h) and 3.41]:

☒ Check in the amount of \$3,480.00 (\$3,440.00 is for the patent application filing fee plus \$40.00 for the assignment recordation filing fee) is enclosed.

8. Authorization to Charge Additional Fees:

☒ The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication and which may be required under 37 CFR §§ 1.21(h) and 3.41 to Deposit Account No. 08-1275.

9. 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.

Dated: July 29, 2008

Signature: Jonathan O. Owens
Name: Jonathan O. Owens
Reg. No.: 37,902

Total number of pages including cover sheet, attachments, and document: 2

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PATENT
REEL: 021376 FRAME: 0713

U.S. PTO
12/221011
07/29/2008

EXPRESS MAILING LABEL NO.: EV964004557US

PATENT
Attorney Docket No.: SONY-36500

ASSIGNMENT

WHEREAS, WE, Ximin Zhang and Ming-Chang Liu, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SYSTEM AND METHOD FOR IMAGE AND VIDEO ENCODING ARTIFACTS REDUCTION AND QUALITY IMPROVEMENT

Date of execution of application: _____ Filing Date: _____ Serial No.: _____

WHEREAS, SONY CORPORATION, a Japanese corporation, 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 JAPAN and SONY ELECTRONICS INC., a corporation of the State of Delaware, 1 Sony Drive, Park Ridge, NJ 07656-8003, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

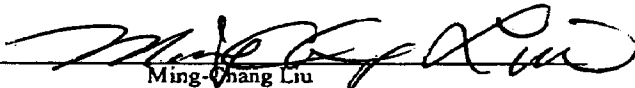
IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.



Ximin Zhang

07/29/08

Date



Ming-Chang Liu

July 29, 2008

Date

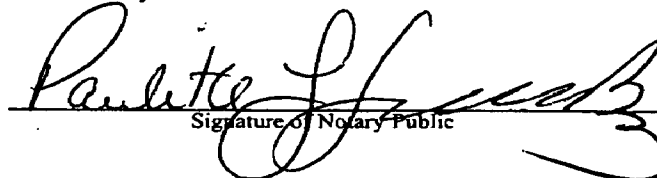
STATE OF California

COUNTY OF Santa Clara

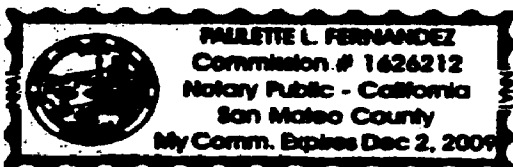
On July 29, 2008 before me, Paulette L. Fernandez, a notary public, personally appeared Ximin Zhang and Ming-Chang Liu, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature of Notary Public

SEAL



PATENT

RECORDED: 07/29/2008

REEL: 021376 FRAME: 0714