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05-26-1999



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To the Honorable Commissioner of Patents and Trademarks

and all other documents or copy thereof.

1. Name of conveying party(ies):

Amelia Carino Luna, Jason Naxin Wang,  
Richard Lawrence Williams

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

Name: Sony Corporation

Internal Address: \_\_\_\_\_

Street Address: 7-35 Kitashinagawa, 6-Chome  
Shinagawa-ku, Tokyo Japan

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 5/10/99 and 5/11/99

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: May 12, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/310531

Additional numbers attached?  Yes  No

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

Name: Maria McCormack Sobrino

Blakely, Sokoloff,

Internal Address: Taylor & Zafman LLP

Street Address: 12400 Wilshire Blvd

Seventh Floor

City: Los Angeles State: CA ZIP: 90025

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

8. Deposit account number:

02-2666

(Attach duplicate copy of this page if paying by deposit account)

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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.

Maria McCormack Sobrino

Reg. # 31, 639

Maria McCormack Sobrino

May 12, 1999

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet, attachments, and document:

4

Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

U.S. PTO  
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MAY 24 1999

**Attachment to Assignment Recordation Cover Sheet**

Sony Electronics, Inc.  
1 Sony Drive  
Park Ridge, NJ 07656

No.: 80398.P211 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We

the undersigned, Amelia Carino Luna, Jason Naxin Wang,

Richard Lawrence Williams,

hereby sell, assign, and transfer jointly to Sony Corporation

a corporation of Japan, having a principal place of business at

7-35 Kitashinagawa, 6-Chome, Shinagawa-ku, Tokyo, Japan; and

Sony Electronics, Inc. a corporation of Delaware, having a principal place of

business at 1 Sony Drive, Park Ridge, New Jersey 07656, ("Assignees"),

and its successors, assigns, and legal representatives, the entire right, title, and

interest for the United States and all foreign countries, in and to any and all

improvements that are disclosed in the application for the United States patent that has

been executed by the undersigned prior hereto or concurrently herewith on the dates

indicated below and is entitled A System and Method for Performing Inverse

Quantization of a Video Stream

and in and to said application and all divisional, continuing, substitute, renewal, reissue,

and all other patent applications that have been or shall be filed in the United States

and all foreign countries on any of said improvements; and in and to all original and

reissued patents that have been or shall be issued in the United States and all foreign

countries on said improvements; and in and to all rights of priority resulting from the

filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights

and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

5/10, 1999      Amelia Carino Luna  
 Date                      Name: Amelia Carino Luna

5/10, 1999      Jason Naxin Wang  
 Date                      Name: Jason Naxin Wang

5/11, 1999      Richard Lawrence Williams  
 Date                      Name: Richard Lawrence Williams

**Each Inventor:  
Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:**

5/10, 1999  
Date

5/10, 1999  
Date

5/11, 1999  
Date

State of: California }  
 County of: Santa Clara }

**Assignment Document Return Address:**  
 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
 12400 Wilshire Blvd., Seventh Floor  
 Los Angeles, CA 90025-1026  
 (408) 720-8598

On this 10<sup>th</sup> day of May, 1999, before me, Connie C. del Castillo, the undersigned Notary Public, personally appeared A.C. Luna and J.N. Wang [] personally known to me [] proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) are subscribed to the within instrument, and acknowledged that they executed it. WITNESS my hand and official seal.

Connie C. del Castillo  
 Notary's Signature

