The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:
Please record the attached original document(s) or copy(ies) thereof:

Re-Submission of Transmittal of Assignment

1. Name of conveying party(ies): Sho Kou
   Serial No.: 09/596,853
   Filed: 06/19/00
   Group Art Unit:
   Examiner:

2. Name and Address of Receiving party(ies):
   SONY CORPORATION, 7-35 Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, Japan
   SONY ELECTRONICS, INC., 1 Sony Drive, Park Ridge, New Jersey, 07656

3. Nature of Conveyance: Corrective Assignment
   Execution Date: 06/08/00


5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Anthony C. Murabito
   Address: Wagner, Murabito & Hao LLP
   Two North Market Street, Third Floor, San Jose, CA 95113
   Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)
   Assignment Recodemer Fee, per property
   Total Fees (37 CFR 3.41) 1 X $40.00 $40.00
   The amount of $40.00 is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.
   Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

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.

   Name  Anthony C. Murabito
   Reg. No. 35,295

   03-18-2002 AGM61 00000053 230085 09596853
   01-01-081 40.00 CH
   Date: February 19, 2002

Page 1 of 1
The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:
Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

1. Name of conveying party(ies):
   Sho Kou

2. Name and Address of Receiving party(ies):
   SONY CORPORATION OF JAPAN, 7-35 Kitashingawa 6-Chome,
   Shinagawa-ku, Tokyo, Japan
   SONY ELECTRONICS, INC., 1 Sony Drive, Park Ridge, New Jersey,
   07656

3. Nature of Conveyance: Assignment
   Execution Date: 06/08/00
   09596853

4. New Patent Application entitled:
   METHOD AND SYSTEM FOR DEVICES EFFICIENTLY SHARING
   INFORMATION REGARDING THE CONTENT OF A DIGITAL
   TELEVISION BIT-STREAM

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Ronald M. Pomereneke
   Address: Wagner, Murabito & Hao LLP
     Two North Market Street, Third Floor, San Jose, CA 95113
   Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)
   Assignment Recordation Fee, per property
   Total Fees (37 CFR 3.41)
   The amount of $40.00 is enclosed
   $40.00

8. At any time during the pendency of this application, please charge any additional fees required or credit any
   overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

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.

   Date: 07-03-2000
   Name: Ronald M. Pomereneke
   Reg. No. 43,009
Assignment To SONY Corporation and SONY Electronics, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Sho Kou

do hereby sell, assign, and transfer unto SONY Corporation and SONY Electronics, Inc. (hereinafter called the Assignees), a Corporation of Delaware and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

METHOD AND SYSTEM FOR DEVICES EFFICIENTLY SHARING INFORMATION REGARDING THE CONTENT OF A DIGITAL TELEVISION BIT-STEAM

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of the Assignees, their successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignees, their successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by the Assignees.

I/we further covenant with the Assignees, 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;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: Sho Koun Date: 6-8-00

Page 1 of 1

RECORDED: 02/28/2002

PATENT
REEL: 012670 FRAME: 0784