



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101959635

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)  
  
John Nicholas WILSON, Samuel Asangbeng ATUNGSRI  
*11/07/01*  
  
Additional name(s) of conveying party(ies) attached?  
\_\_\_ Yes  X  No

2. Name and address of receiving party(ies)  
  
Name: SONY UNITED KINGDOM LIMITED  
The Heights, Brooklands  
Weybridge KT13 0XW, England, United Kingdom  
  
Additional name(s) & address(es) attached? \_\_\_ Yes  X  No

3. Nature of conveyance:  
  
 X  Assignment  
\_\_\_ Security Agreement  
\_\_\_ Merger  
\_\_\_ Change of Name  
\_\_\_ Other  
  
Execution Date: October 18, 2001

J1046 U.S. PTO  
10/047178  
11/07/01

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: October 18, 2001  
  
A. Patent Application No.(s) \_\_\_\_\_ filed \_\_\_\_\_  
  
Additional numbers attached? \_\_\_ Yes  X  No

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: N.Y. Zip: 10151

6. Total number of applications and patents involved . . . . .  1   
  
7. Total fee (37 CFR 3.41) . . . . . \$  40.00   
 X  Enclosed  
\_\_\_ Authorized to be charged to deposit account 50-0320  
  
8. Deposit account number:  
(Attach duplicate copy of this page if paying by deposit account)

Do not use this space

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 of Person Signing  
  
*William S. Frommer*  
Signature  
  
\_\_\_\_\_  
Date  
November 7, 2001  
  
Total number of pages including cover sheet, attachments, and document: 2

01/25/2002 DBYRNE 00000329 10047178  
01 FC:581  
40.00 OP

Do not detach this portion  
  
Mail documents to be recorded with required cover sheet information to:  
  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

**ASSIGNMENT**

**WHEREAS**, I, as below named inventors, residing at the addresses stated next to our names, 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

**RECEIVER**

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 UNITED KINGDOM LIMITED, a United Kingdom corporation, with offices at The Heights, Brooklands, Weybridge KT13 OXW, England, (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;

**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, 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 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 ASSIGNEES 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 I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers, 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: \_\_\_\_\_, Filing Date: \_\_\_\_\_

This assignment executed on the dates indicated below.

Name of first or sole inventor	Execution date of U.S. Patent Application
John Nicholas Wilson	

Residence of first or sole inventor	
40 Quince Tree Way, Hook, Hampshire RG27 9SG, United Kingdom	

Signature of first or sole inventor	Date of this assignment
<i>J. N. Wilson</i>	18/10/01

Name of second inventor	Execution date of U.S. Patent Application
Samuel Asangbeng Atungisiri	

Residence of second inventor	
13 Simrnons Walk, Basingstoke, Hampshire RG21 4BS, United Kingdom	

Signature of second inventor	Date of this assignment
<i>Samuel Asangbeng Atungisiri</i>	18/10/01

Name of third inventor	Execution date of U.S. Patent Application

Residence of third inventor	

Signature of third inventor	Date of this assignment