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05-04-2005

FLH Ref. No.: 450110-05430

1 E11 Ref. 140.. 4301 10-03430

Patent and Trademark Office

U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Frademarks. Fredse record the autached original documents or copy thereof. 1. Name of conveying parties 2. Name and address of receiving party(ies) Andrew Roger KILNER, Victoria Sophia JENNINGS, Sebastian SONY UNITED KINGDOM LIMITED Aleksander PASZKOWICZ, Robert Mark Stefan PORTER, Ratna The Heights, Brooklands Weybridge KT13 OXW, England, U.K. RAMBARUTH, Clive Henry GILLARD Additional name(s) of conveying party(ies) attached? \_\_\_ Yes X No Additional name(s) & address(es) attached? Yes X No 3. Nature of conveyance: X Assignment Security Agreement Merger Change of Name Other Execution Date(s): January 27, February 1, January 18, January 18, January 18 and January 18, 2005 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. 11/040,587 filed January 21, 2005. Additional numbers attached? \_\_\_ Yes \_\_X\_ No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved 1 document should be mailed: 7. Total fee (37 CFR 3.41) \$ 40.00 Name: WILLIAM S. FROMMER X Enclosed Internal Address: FROMMER LAWRENCE & HAUG LLP \_\_ Authorized to be charged to deposit account 50-0320 Street Address: 745 FIFTH AVENUE NEW YORK State: NY Zip: 10151 City: 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. Thomas F. Presson April 27, 2005 Name of Person Signing Total number of pages including cover sheet, attachments, and document: Do not detach this portion Mail documents to be recorded with required cover sheet information to:

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FLH File No: 450110-05430

## 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

## DISPLAY

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 filling 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 Andrew Roger Kilner 27 January 2005 Residence of first or sole inventor 41 Schubert Road, Brighton Hill, Basingstoke, Hampshire, RG22 4JL, United Kingdom Signature of first or sole/inventor Date of this assignment Execution date of U.S. Patent Application Name of second inventor Victoria Sophia Jennings 1 February 2005 Residence of second inventor 263 Old Worting Road, Brighton Hill, Basingstoke, Hampshire, RG22 6NX, United Kingdom Signature of second inventor Date of this assignment Name of third inventor Execution date of U.S. Patent Application Sebastian Aleksander Paszkowicz 18 January 2005 CNB Residence of third inventor 19 Kingsford Road, Daimler Green, Coventry, Warwickshire, 686 3LP, United Kingdom Signature of third inventor Date of this assignment

> PATENT REEL: 016508 FRAME: 0796

18 James 2005

FLH File No: 450110-05431

## 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

## **DISPLAY**

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;

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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 Pat ent 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.

RECORDED: 05/02/2005

Name of fourth inventor	Execution date of U.S. Patent Application
Robert Mark Stefan Porter	18 January 2005
Residence of fourth inventor	
23 Egbert Road, Winchester, Hampshire, SO23 7EB, United Kingdom	
Signature of fourth inventor	Date of this assignment
Rober Pork.	18/01/05
Name of fifth inventor	Execution date of U.S. Patent Application
Ratna Rambaruth	18 January 2005
Residence of fifth inventor	<i>¥</i>
216 Southway, Guildford, Surrey, GU2 8DN, United Kingdom	
Signature of fifth inventor	Date of this assignment
Poshw (Ratha RAMBARUTH)	18h Jan 05
Name of sixth inventor Clive Henry Gillard  Clive Henry Gillard	Execution date of U.S. Patent Application
Residence of sixth inventor	
Clevelands, Hussell Lane, Medstead, Alton, Hampshire, GU34 5PF, United Kingdom	
Signature of sixth inventor	Date of this assignment
Sine Kenn Glan	18/01/05

PATENT REEL: 016508 FRAME: 0797