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10/485790

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

1. Name of conveying party(ies):
Shingo Makimura, Makoto Hashimoto,
Yoshiro Okawa, Tomohiro Wada,
Kazunori Kataoka
Additional name(s) of conveying party(ies) attached? Yes No

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) & address(es) attached? Yes No

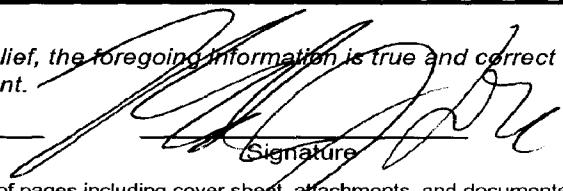
3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: December 11, 12, 15 & 17, 2003

4. Application number(s) or patent number(s): 10/485790
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Robert J. Depke
Internal Address: Holland & Knight LLC
Street Address: 131 South Dearborn Street
30th Floor
City: Chicago State: IL Zip: 60603

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:
50-1794
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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.
Robert J. Depke  2/4/04
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 9

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, 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 DEVICE, METHOD OF PRODUCTION OF THE SAME, AND PROJECTION TYPE
 DISPLAY DEVICE**

for which an 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 Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 Japan (hereinafter referenced 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 and in any and all foreign countries;

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, do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, the entire right, title and interest in the said invention, said application, including any divisions and continuations as well as any reissues and reexaminations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, 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 countries foreign thereto, 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 ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns 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 countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, 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 No. PCT/JP03/ Filing Date June 6, 2003

07208

This assignment executed on the dates indicated below.

Shingo MAKIMURA

Name of first or sole inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of first or sole inventor

Shingo Makimura
 Signature of First or sole inventor

December 11, 2003
 Date of this Assignment

Makoto HASHIMOTO
Name of second inventor

Execution date of U.S. Patent Application

~~Kanagawa, Japan~~ Kanagawa, Japan
Residence of second inventor

Makoto Hashimoto
Signature of second inventor

December 15, 2003
Date of this Assignment

Yoshiro OKAWA
Name of third inventor

Execution date of U.S. Patent Application

Kagoshima, Japan
Residence of third inventor

Yoshiro Okawa
Signature of third inventor

December 17, 2003
Date of this Assignment

Tomohiro WADA
Name of fourth inventor

Execution date of U.S. Patent Application

Kumamoto, Japan
Residence of fourth inventor

Tomohiro Wada
Signature of fourth inventor

December 12, 2003
Date of this Assignment

Kazunori KATAOKA
Name of fifth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan
Residence of fifth inventor

Kazunori Kataoka
Signature of fifth inventor

December 15, 2003
Date of this Assignment

Name of sixth inventor

Execution date of U.S. Patent Application

Residence of sixth inventor

Signature of sixth inventor

Date of this Assignment

Name of seventh inventor

Execution date of U.S. Patent Application

Residence of seventh inventor

Signature of seventh inventor

Date of this Assignment

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