

09-18-2001

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-001 (exp. 4/94)



101846804

U.S. Department of Commerce

Patent and Trademark Office

Attorney Docket No. 1014-015

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

1. Name of conveying party(ies):
 KENMOTSU, Hidenori
9/5/01

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

2. Name and address of receiving party(ies):
 SONY CORPORATION
 7-35 Kitashinagawa 6-Chome
 Shinagawa-ku
 Tokyo, Japan
 and
 Sony Electronics, Inc.
 1 Sony Drive
 Park Ridge, New Jersey 07656

Additional name(s) & address(es) attached? Yes No

11046 U.S. PTO
 09/947288
 09/05/01

3. Nature of Conveyance:
 Assignment Merger Change of Name
 Security Agreement Other
 Execution Date(s): 9/5/01

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, execution date of the application is: 9/5/01

A. Patent Application No(s). 19/347288 B. Patent No(s).
 Serial No.: Date Filed:
 Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:
 Mikio Ishimaru
 The Law Offices of Mikio Ishimaru
 1110 Sunnyvale-Saratoga Road
 Suite A1
 Sunnyvale, CA 94087

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): ... \$40.00
 Enclosed
 Authorization to be charged to deposit account

8. Deposit Account Number: 50-0374
 (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.

Mikio Ishimaru *Mikio Ishimaru* September 5, 2001
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 3

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Mail document to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
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(From PTO-1595-Recordation Form Cover Sheet page 1 of 1)

PATENT
 REEL: 012156 FRAME: 0383

ASSIGNMENT

WHEREAS, the undersigned (hereinafter termed Assignor(s)) has/have invented certain new and useful improvements in

"GATE-TO-ELECTRODE CONNECTION IN A FLAT PANEL DISPLAY"

for which a United States patent application has been concurrently executed on the date of this assignment.

WHEREAS, SONY CORPORATION, a Japanese corporation with offices at 7-35 Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan and SONY ELECTRONICS INC., a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656, (hereinafter termed Assignee(s)), are desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignor(s) from said Assignee(s), the receipt of which is hereby acknowledged by said Assignor(s):

1. Said Assignor(s) does hereby sell, assign, transfer and convey unto said Assignee(s), the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignor(s); and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
2. Said Assignor(s) hereby covenants and agrees to cooperate with said Assignee(s) where said Assignee(s) may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee(s)) which are deemed necessary or desirable by Assignee(s) to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee(s)) which are deemed necessary or desirable by Assignee(s) for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignor(s) in lending such assistance and cooperation shall be paid by the Assignee(s).
3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee(s), its successors, assigns and/or other legal representatives and shall be binding upon said Assignor(s), his/her heirs, legal representatives and assigns.
4. Said Assignor(s) hereby warrants and represents that he/she has not entered into any assignment, contract or understanding in conflict herewith.

