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1. Name of conveying party(ies):
 Bunichiro Fujii
 Kenichi Ozawa
 Koji Saita
 Tsunenari Saito
 Hajime Minegishi
 Additional name(s) of conveying party(ies) attached?
 Yes No

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 FINANCE SECTION
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2. Name and address of receiving party(ies):
 Name: SONY CORPORATION
 Internal Address: 7-35, Kitashinagawa 6-chome
Shinagawa-ku, Tokyo 141-0001
JAPAN
 Street Address: _____
 City _____ State: _____ Zip: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: December 25, 2002

Additional Name(s) & Address(es) attached Yes No

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. U.S. Serial No: 08/683,212 Attorney Docket No. 09798423-0004
 B: Patent No.(s) 5,780,962
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SONNENSCHN NATH & ROSENTHAL
 P.O. Box #061080
 Wacker Drive Station
 Sears Tower
 Chicago, IL 60606-1080
 Customer ID No. 26263

6. Total number of applications and patents involved: 1
 7. Total Fee (37 CFR 3.41) \$ 40.00
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David R. Metzger [Signature] December 31, 2002
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

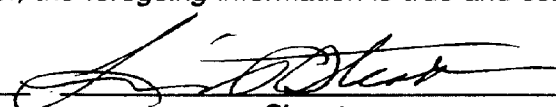
<p>1. Name of conveying party(ies):</p> <p>1) Bunichiro Fujii 2) Kenichi Ozawa 5) Hajime Minegishi 3) Koji Saita 4) Tsunenari Saito</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Sony Corporation</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>7-35 Kitashinagawa</u> <u>6 Chome Shinagawa ku</u></p> <p>City: <u>Tokyo</u> State: <u>Japan</u> ZIP: _____</p> <p>Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>1) 8-13-96 2) 7-29-96; 3) 7-31-96; Execution Date: 4) 8-19-96 5) 8-26-96</p>	<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s) <u>USSN 08/683 212</u></p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>HILL STEADMAN & SIMPSON P.C.</u></p> <p>Internal Address: _____ <u>85th Floor Sears Tower</u></p> <p>Street Address: <u>233 S. Wacker Drive</u></p> <p>City: <u>Chicago</u> State: <u>IL</u> ZIP: <u>60606</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account any additional fees or credits</p> <p>8. Deposit account number: <u>08-2290</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Lewis T. Steadman  October 15 1996

Name of Person Signing Signature Date

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WHEREAS:

Bunichiro FUJII, Kenichi OZAWA, Koji SAITA and Tsunenari SAITO,
 whose full post office address(es) is (are)
c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo, Japan

(hereinafter referred to as ASSIGNOR), has/have invented certain new and useful improvements in an invention entitled:

COLOR-SELECTING APPARATUS OF COLOR DISPLAY DEVICE AND CATHODE RAY TUBE INCORPORATING SAME

(a) for which an application for United States Letters Patent is being executed and filed concurrently herewith;

(b) for which an application for United States Letters Patent was executed on _____;

(c) for which an application for United States Letters Patent was filed on July 18, 1996,

Serial No. 08/683 212 _____;

(d) for which United States Letters Patent No. _____ has issued on _____.

WHEREAS:

SONY CORPORATION

7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan

and

NHK SPRING Co., LTD.

3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa-ken, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title

and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patent of the United States and any official of any foreign country whose duty it is to issue patents of legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants 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 ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/WE have hereunto set hand and signed on the date indicated below:

INVENTOR(S)DATE SIGNEDWITNESS(ES)

1) <u>Bunichiro Fujii</u>	<u>13-Aug-1996</u>	<u>Y. Ozuhara</u>
2) <u>Kenichi Ozawa</u>	<u>29-July-1996</u>	<u>Y. Ozuhara</u>
3) <u>Koji Saita</u>	<u>31-July-1996</u>	<u>Y. Ozuhara</u>
4) <u>[Signature]</u>	<u>19 Aug. 1996</u>	<u>Y. Ozuhara</u>

WHEREAS:

Hajime MINEGISHI,
 whose full post office address(es) is (are)
c/o NHK SPRING Co., LTD., 4056, Nakatsu Aza Sakurai, Aikawa-machi,
Aiko-gun, Kanagawa-ken, Japan
 (hereinafter referred to as ASSIGNOR), has/have invented certain
 new and useful improvements in an invention entitled:
COLOR-SELECTING APPARATUS OF COLOR DISPLAY DEVICE AND CATHODE RAY
TUBE INCORPORATING SAME
 (a) for which an application for United States Letters Patent is
 being executed and filed concurrently herewith;
 (b) for which an application for United States Letters Patent was
 executed on _____;
 (c) for which an application for United States Letters Patent was
 filed on July 18, 1996,
 Serial No. 08/683 212;
 (d) for which United States Letters Patent No. _____
 has issued on _____.

WHEREAS:

SONY CORPORATION
7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan
 and
NHK SPRING Co., LTD.
3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa-ken, Japan

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 interest in, to and under said invention and in, to and under Letters Patent or
 similar legal protection to be obtained therefor in the United States and in any
 and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of
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 and sufficiency of which is hereby acknowledged, and for other good and valuable
 consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its
 lawful successors and assigns, the full and exclusive right, title

and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patent of the United States and any official of any foreign country whose duty it is to issue patents of legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants 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 ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/WE have hereunto set hand and signed on the date indicated below:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESS(ES)</u>
1) <u><i>Hajime Mizoguchi</i></u>	<u>Aug. 26, 1996</u>	<u><i>Yuzo Funada</i></u>