



11-22-2002

RECOR



102290453
PATENTS ONLY

Our Ref.: 3693-34

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

11-19-02

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

<p>1. Name of conveying party(ies): Junichiro Nakayama Masanobu Tanaka</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>November 12, 2002</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Sharp Kabushiki Kaisha</u> Internal Address: _____ Street Address: <u>22-22, Nagaike-cho, Abeno-ku</u> _____ _____ City: <u>Osaka-shi, Osaka</u> State/Country: <u>Japan</u> Zip: <u>545-8522</u></p> <p>Additional name/s & address/es attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
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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: _____

<p>A. Patent Application No(s). (1) <u>10/255,076</u> (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p>
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Additional numbers attached Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>H. Warren Burnam, Jr.</u> Internal Address: _____ Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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DO NOT USE THIS SPACE

9. Statements 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.

<p><u>H. Warren Burnam, Jr.</u> Name of Person Signing Reg. No. 29,366</p>	<p><u><i>H. Warren Burnam, Jr.</i></u> Signature</p>	<p><u>November 19, 2002</u> Date</p>
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Total number of pages including **original** cover sheet, attachments, and document: [5]

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RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref: 3693-34

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

1. Name of conveying party(ies):	
2. Name: Sony Corporation Street Address: 7-35, Kitashinagawa 6-chome, Shinagawa-ku City: Tokyo State: Japan Zip: 141-0001	
4. Application number(s) or patent number(s):	
A. Patent Application No(s).	B. Patent No(s).
(4)	(4)
(5)	(5)
(6)	(6)
(7)	(7)
(8)	(8)
(9)	(9)

Attorney Docket No. _____

ASSIGNMENTWHEREAS, Junichiro NAKAYAMA

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in PLASMA INFORMATION DISPLAY ELEMENT AND METHOD FOR PRODUCING THE SAME

for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on September 26, 2002 having Serial No. 10/255,076; or
- (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and

WHEREAS, Sharp Kabushiki Kaisha of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan; and Sony Corporation of 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, Japan;

their heirs, successors, legal representatives and assigns (hereinafter designated as the Assignees) are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignees the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignees in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignees and to vest all rights therein hereby conveyed to the Assignees as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignees, as Assignees of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: November 12, 2002


Junichiro NAKAYAMA

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____

Attorney Docket No. _____

ASSIGNMENT

WHEREAS, **Masanobu TANAKA**

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in **PLASMA INFORMATION DISPLAY ELEMENT AND METHOD FOR PRODUCING THE SAME**

for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on September 26, 2002 having Serial No. 10/255,076; or
- (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and

WHEREAS, **Sharp Kabushiki Kaisha** of **22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan**; and **Sony Corporation** of **7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, Japan**;

their heirs, successors, legal representatives and assigns (hereinafter designated as the Assignees) are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignees the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignees in every way possible in obtaining and producing evidence and proceeding with such interference.

