

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shunsuke ITAKURA</td> <td>08/20/2007</td> </tr> <tr> <td>Atsushi HIROTA</td> <td>08/20/2007</td> </tr> <tr> <td>Hai LIN</td> <td>08/24/2007</td> </tr> <tr> <td>Tsutomu TOKUNAGA</td> <td>08/24/2007</td> </tr> </tbody> </table>		Name	Execution Date	Shunsuke ITAKURA	08/20/2007	Atsushi HIROTA	08/20/2007	Hai LIN	08/24/2007	Tsutomu TOKUNAGA	08/24/2007
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Atsushi HIROTA	08/20/2007										
Hai LIN	08/24/2007										
Tsutomu TOKUNAGA	08/24/2007										
RECEIVING PARTY DATA											
Name:	Pioneer Corporation										
Street Address:	4-1, Meguro 1-chome										
City:	Meguro-ku, Tokyo										
State/Country:	JAPAN										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11852377</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11852377						
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Application Number:	11852377										
CORRESPONDENCE DATA											
Fax Number:	(202)293-7860										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	202-293-7060										
Email:	iavila@sughrue.com										
Correspondent Name:	SUGHRUE MION, PLLC										
Address Line 1:	2100 Pennsylvania Avenue, NW										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037-3213										
ATTORNEY DOCKET NUMBER:	Q103635										
NAME OF SUBMITTER:	Darryl Mexic										
Total Attachments: 2 source=Q103635_ASSIGNMENT#page1.tif source=Q103635_ASSIGNMENT#page2.tif											

CH \$40.00 11852377

PATENT

ASSIGNMENT

In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree to assign, and hereby do assign, transfer, and set over to:

Pioneer Corporation

having the address:

4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

(hereinafter designated as the "ASSIGNEE") the entire right, title, and interest for the United States and all foreign countries (including protection in foreign countries via the Patent Cooperation Treaty), in the invention, and all applications for patent and any Letters Patent which may be granted therefor, the application being known by the Title:

PLASMA DISPLAY PANEL AND DRIVE METHOD THEREFOR

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on _____,

serial No. _____

said application having been filed under the Patent Cooperation Treaty

filed on _____,

serial No. _____

the United States of America being designated.

1. The undersigned agree to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

2. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference.

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

4. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

5. The undersigned hereby authorize and request the commissioner of Patents in the United States and the appropriate national or regional authority in each foreign country to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE, as ASSIGNEE of the entire interest, and hereby covenants that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned names.

The undersigned hereby authorize the firm of

SUGHRUE MION, PLLC at the address of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213,
U.S.A.

to insert hereon any further identification necessary or desirable for recordation of this document.

20.8.2007
Date

Shunsuke Itakura
Typed Name: Shunsuke ITAKURA

20.8.2007
Date

Atsushi Hirota
Typed Name: Atsushi HIROTA

24.8.2007
Date

Hai Lin
Typed Name: Hai LIN

24. Aug. 2007
Date

Tsutomu Tokunaga
Typed Name: Tsutomu TOKUNAGA