



09-22-2003

①
\$



Q75773

MODIFIED Form PTO-1595

RE

102555280
PATENTS ONLY

T

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Yoshiyuki OKUDA
9.11.03
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
PIONEER CORPORATION
4-1, Meguro 1-chome
Meguro-ku, Tokyo Japan

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: July 3, 2003

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. Patent Application No.(s)
10/446,139

B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER

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 No. 19-4880.
The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.
8. Deposit Account Number: 19-4880
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.
Darryl Mexic
Darryl Mexic Reg. No. 23,063 September 11, 2003 Date

Total number of pages including cover sheet, attachments, and documents: 3
Mail documents to be recorded with required cover sheet information to:
MAIL STOP ASSIGNMENT RECORDATION SERVICES
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

09/17/2003 LMUELLER 00000123 10446139
01 FC:8021 40.00 DP

PATENT
REEL: 014493 FRAME: 0255

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:

DISPLAY PANEL AND DISPLAY DEVICE

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

filed on May 28, 2003,
serial No. 10/446,139

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.

<u>July 3, 2003</u> Date	<u>Yoshiyuki - Okuda</u> Typed Name: Yoshiyuki OKUDA
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name:
_____ Date	_____ Typed Name: