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FORM PTO-1595
(Rev. 6-93)

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DEPARTMENT OF COMMERCE
Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No.: 041465-5192

To the Commissioner for Patents

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Tetsuya SHIGETA
2. Tetsuro NAGAKUBO
3. Kazuhisa ATA

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

2. Names and addresses of receiving parties:

- Names: 1. Pioneer Corporation
2. Pioneer Display Products Corporation

Internal Address:

Street Address: 1. No. 4-1 Meguro 1-chome, Meguro-ku,
Tokyo-to, Japan

2. 15-1, Aza-Nishinoya, Washizu,
Fukuroi-shi, Shizuoka-ken, Japan

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Dates: 1. May 30, 2003, 2. May 30, 2003 and
3. June 10, 2003

4. New Application number(s) or patent number(s): NEW APPLICATION

If this document is being filed together with a new application the execution date of the application is:

1. May 30, 2003, 2. May 30, 2003 and 3. June 10, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: John G. Smith

Internal Address: Morgan, Lewis & Bockius LLP
Customer No. 09629Street Address: 1111 Pennsylvania Ave., N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

☒ Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310

(Attach duplicate page if paying by deposit account)

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.

John G. Smith Reg. No. 33,818

Name of Person Signing

Signature

June 24, 2003

Date

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

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PATENT
REEL: 014228 FRAME: 0476

ATTORNEY DOCKET NO.:
SOLE/JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DISPLAY PANEL DRIVE DEVICE, DISPLAY CONTROL DEVICE, DRIVE DEVICE, DATA TRANSFER SYSTEM, DATA TRANSMISSION DEVICE, AND DATA RECEPTION DEVICE

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on _____, (Serial No. _____); and

WHEREAS, **PIONEER CORPORATION**, a corporation of **Japan**, whose post office address is **No.4-1 Meguro 1-chome, Meguro-ku, Tokyo-to, Japan**, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application

WHEREAS, **PIONEER DISPLAY PRODUCTS CORPORATION**, a corporation of **Japan**, whose post office address is **15-1, Aza-Nishinoya, Washizu, Fukuroi-shi, Shizuoka-ken, Japan**, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed June 24, _____) the filing date and application number of said application when known.
2003

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Tetsuya SHIGETA	Assignor's Signature <i>Tetsuya Shigeta</i>	Date May 30, 2003
Address c/o Pioneer Corporation 2680, Nishihanawa, Tatomi-cho, Nakakoma-gun, Yamanashi-ken, Japan		Citizenship Japanese
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Full Name of Second Assignor Tetsuro NAGAKUBO	Assignor's Signature <i>Tetsuro Nagakubo</i>	Date <i>May 30, 2003</i>
Address c/o Pioneer Corporation, Ohmori Works. No. 15-5 Ohmorinishi 4-chome, Ohta-ku Tokyo-to, Japan		Citizenship Japanese
Full Name of Third Assignor Kazuhisa ATA	Assignor's Signature <i>Kazuhisa Ata</i>	Date <i>June 10, 2003</i>
Address c/o Pioneer Corporation, Ohmori Works. No. 15-5 Ohmorinishi 4-chome, Ohta-ku Tokyo-to, Japan		Citizenship Japanese
Full Name of Fourth Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		