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T Attorney Docket No. 1113.42962X00

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

1. Name of conveying party(ies):

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MATSUURA, HIROYASU
TAKEMOTO, ISSEI

7-23-03

2. Name and address of receiving party(ies)

Name: HITACHI DISPLAYS, LTD.

Address: 3300, Hayano Mobara-shi,
Chiba-ken 297-8622, Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: July 14, 14, 14, 14, and 15, 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: July 14, 14, 14, 14, and 15, 2003.

A. Patent Application No.(s)

B. Patent Registration No.(s)

10624482

Additional number(s) attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Antonelli, Terry, Stout & Kraus, LLP

Internal Address:

1300 North Seventeenth Street
Suite 1800
Arlington, VA 22209
USA

City: State: Zip:

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

8. Deposit account number:

01-2135

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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.

Melvin Kraus, Reg# 22,466

July 23, 2003

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Total number of pages including cover sheet, attachments, and document: 2

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PATENT
REEL: 014322 FRAME: 0251

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan b Hitachi,Displays, Ltd.,
a corporation organized under the laws of Japan,
located at 3300, Hayano Mobara-shi,Chiba-ken 297-8622, Japan,
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi,Displays, Ltd.,
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

IMAGE DISPLAY APPARATUS AND PROCESS FOR ITS PRODUCTION

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be grant

to be held and enjoyed by said Hitachi,Displays, Ltd.,
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substit

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi,Displays, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Nobuyuki Ushifusa</u>	<u>14/7/03</u>
2) <u>Nobuhiko Fukuoka</u>	<u>14/7/03</u>
3) <u>Kiyoshi Kikuchi</u>	<u>July 14, 2003</u>
4) <u>Hirayasu Matsuura</u>	<u>14/7/03</u>
5) <u>Issei Takemoto</u>	<u>15/7/03</u>
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____