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U.S. DEPARTMENT OF COMMERCE Form PTO-1595 U.S. Patent and Trademark Office (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) 102997063 Attorney Docket No. 501.45036X00 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Yasuaki KONDO HITACHI DISPLAYS, LTD. Tsutomu SATO 3300 Hayano Kousuke MATSUBARA Mobara-shi, Chiba Toshimitsu MATSUDE **JAPAN** Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: ☐ Merger Assignment Assignment ☐ Change of Name ☐ Security Agreement ☐ Other Additional name(s) & address(es) attached? \square Yes \boxtimes No Execution Date: April 12, 2005; April 15, 2005; April 15, 2005 and April 15, 2005, 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: April 12, 2005; April 15, 2005; April 15, 2005 and April 25, 2005. A. Patent Application No.(s) B. Patent Registration No.(s) Additional number(s) attached Yes No Name and address of party to whom correspondence 6. Total number of applications and patents involved concerning document should be mailed: 7. Total fee (37 CFR 3.41)..... \$40.00 Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: Authorized to be charged to deposit account 1300 NORTH 17TH STREET - SUITE 1800 8. Deposit account number: City: ARLINGTON State: VA Zip 22209 01-2135 (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

> Total number of pages including cover sheet, attachments, and document: 2 Mall documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

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is a true copy of the original document.

MELVIN KRAUS, Reg#22,466

Name of Person Signing

PATENT REEL: 016519 FRAME: 0596

04/28/2005

Date

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 by Hitachi Displays, Ltd., a corporation organized under the laws of Japan, located at 3300 Hayano, Mobara-shi, Chiba, 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

DISPLAY DEVICE

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 granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, 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, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

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 signatures:

INVENTABLE

RECORDED: 04/28/2005

(発明者フルネームサイン) (署名日) 1) Yasuaki KONDO Apr. 12, 2005 2) TSUTOMU SATO Apr 15, 2005 3) Kousuke Matsubara Apr 15, 2005 4) Toshimitsu Matsudo Apr. 15, 2005 5)	INVENTOR(S)	Date Signed
TSUTOMU SATO APR 15, 2005 Kousuke Matsubara Apr 15, 2005 Toshimitsu Matsudo Apr. 15, 2005 5)	(発明者フルネームサイン)	(署名日) .
3) Kousuke Matsubara Apr 15, 2005 4) Toshimitsu Matsudo Apr. 15, 2005 5)	1) Yasuaki KONDO	Apr. 12, 2005
Toshimitsu Matsudo Apr. 15, 2005	2) TSUTOMU SATO	APR 15, 2005
5)	3) Kousuke Matsubara	Apr 15, 2005
	4) Toshimitsu Matsudo	Apr. 15, 2005
	5)	
6)	6)	
7)	7)	
8)	8)	
9)	9)	
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PATENT REEL: 016519 FRAME: 0597