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(Rev. 10/02) PATE	NTS ONLY U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 6/30/2005)	Attorney Docket No. 501.42193X00
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies)
Hitachi, Ltd.	Name: Hitachi Displays, Ltd.
Additional name(s) of conveying party(les) attached? Yes Yes	☑ No Street Address: 3300, Hayano, Mobara-shi Chiba-ken 297-8622, Japan
3. Nature of conveyance/ Execution Date: 7/21/2009. ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment	City: State: Zip: Additional name(s) & address(es) attached? ☐ Yes ☒ No
Executive Order 9424, Confirmatory License Other . 4. Application number(s) or patent number(s):	☐ This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent Registration No.(s) 7,027,018
Additional numb 5. Name and address of party to whom correspondence concerning document should be mailed:	er(s) attached Yes No 6. Total number of applications and patents involved 1
Name: ANTONELLI, TERRY, STOUT & KRAUS, L	7. Total fee (37 CFR 3.41)
1300 NORTH 17 TH STREET – SUITE 1800	
City: ARLINGTON State: VA Zip 22209 Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com	8. Payment Information: a. Credit Card Last 4 numbers: Expiration date: b. Deposit account number: 01-2135
	Authorized User Name:
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. No. 22,466 Name of Person Signing	07/31/2009 Date
Total number of pages including cover sheet, attachments, and document:	

PATENT REEL: 023032 FRAME: 0043

NO. 5910

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501.42193X00

<u>ASSIGNMENT</u>

WHEREAS, Hitachi, Ltd. and Hitachi Displays, Ltd. are the joint owners, by assignment, of the following Letters Patent of the United States of America:

7,027,018, Granted April 11, 2006

WHEREAS, Hitachi Displays, Ltd. is desirous of acquiring the sole and exclusive right, title and interest in, to and under the said Letters Patent, and the inventions covered thereby;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, said Hitachi, Ltd. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Hitachi Displays, Ltd., its right, title and interest in the said invention and the Letters Patent aforesaid, any continuations or divisions, and any reissue or reissues of said Letters Patent already granted or which may be granted, the same to be held and enjoyed by said Hitachi Displays, Ltd. for their own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives, to the end of the term for which said Letters Patent of the United States are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said Hitachi, Ltd. and Hitachi Displays Ltd., if this assignment and sale had not been made.

Hitachi, Ltd.

July 21, 2009

By: Mr. Kensuke Oka

Title: Manager Director

Intellectual Property Group (Authorized Signing Officer)