

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kouji Hayakawa	12/22/2009
Koji Nagata	12/22/2009
Norio Mamba	12/22/2009
Toshiyuki Kumagai	12/24/2009
Shinji Sekiguchi	12/16/2009
Kouichi Anno	12/23/2009
Tsutomu Furuhashi	12/22/2009
RECEIVING PARTY DATA	
Name:	Hitachi Displays, Ltd.
Street Address:	3300 Hayano
Internal Address:	Mobara-shi
City:	Chiba
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12624434
CORRESPONDENCE DATA	
Fax Number:	(703)312-6666
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-312-6600
Email:	rperez@antonelli.com
Correspondent Name:	ANTONELLI, TERRY, STOUT & KRAUS, LLP
Address Line 1:	1300 NORTH SEVENTEENTH STREET
Address Line 2:	SUITE 1800
Address Line 4:	ARLINGTON, VIRGINIA 22209-3873
ATTORNEY DOCKET NUMBER:	1508.50347X00

OP \$40.00 12624434

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PATENT
REEL: 023929 FRAME: 0686

NAME OF SUBMITTER:

Melvin Kraus

Total Attachments: 1

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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 our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Houji Hayakawa</u>	<u>December 22, 2009</u>
2) <u>Kaji Nagata</u>	<u>December 22, 2009</u>
3) <u>Norio Mamba</u>	<u>Dec. 22, 2009</u>
4) <u>Toshiyuki Kumagai</u>	<u>Dec. 24, 2009</u>
5) <u>Shinji Sekiguchi</u>	<u>December 16, 2009</u>
6) <u>Kouichi Anno</u>	<u>Dec. 23, 2009</u>
7) <u>Takumu Furubashi</u>	<u>December 22, 2009</u>
8) _____	_____
9) _____	_____
10) _____	_____