

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Norio Mamba</td> <td>05/22/2008</td> </tr> <tr> <td>Tsutomu Furuhashi</td> <td>05/27/2008</td> </tr> <tr> <td>Toshiyuki Kumagai</td> <td>05/23/2008</td> </tr> </tbody> </table>		Name	Execution Date	Norio Mamba	05/22/2008	Tsutomu Furuhashi	05/27/2008	Toshiyuki Kumagai	05/23/2008
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Norio Mamba	05/22/2008								
Tsutomu Furuhashi	05/27/2008								
Toshiyuki Kumagai	05/23/2008								
RECEIVING PARTY DATA									
Name:	Hitachi Displays, Ltd.								
Street Address:	3300, Hayano, Mobara-shi,								
City:	Chiba								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12137569</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12137569				
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Application Number:	12137569								
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:	rrodriguez@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:	501.48859X00								
NAME OF SUBMITTER:	Melvin Kraus								
Total Attachments: 1 source=48859X00ASN#page1.tif									

OP \$40.00 12137569

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>Norio Mamba</u> Norio MAMBA	<u>5/22/08</u>
2)	<u>Tsutomu Furuhashi</u> Tsutomu FURUHASHI	<u>5/27/08</u>
3)	<u>Toshiyuki Kumagai</u> Toshiyuki KUMAGAI	<u>5/23/08</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____