

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="width: 70%; padding: 5px;">Name</th> <th style="width: 30%; padding: 5px;">Execution Date</th> </tr> <tr> <td style="padding: 5px;">Nobuyuki Koganezawa</td> <td style="padding: 5px;">06/20/2008</td> </tr> <tr> <td style="padding: 5px;">Akiyoshi Tobe</td> <td style="padding: 5px;">06/20/2008</td> </tr> <tr> <td style="padding: 5px;">Yasuhisa Shiraishi</td> <td style="padding: 5px;">06/20/2008</td> </tr> </table>		Name	Execution Date	Nobuyuki Koganezawa	06/20/2008	Akiyoshi Tobe	06/20/2008	Yasuhisa Shiraishi	06/20/2008										
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PROPERTY NUMBERS Total: 1 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="width: 30%; padding: 5px;">Property Type</th> <th style="padding: 5px;">Number</th> </tr> <tr> <td style="padding: 5px;">Application Number:</td> <td style="padding: 5px;">12166415</td> </tr> </table>		Property Type	Number	Application Number:	12166415														
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CORRESPONDENCE DATA <p style="margin-top: 10px;">Fax Number: (703)312-6666 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-312-6600 Email: rrodriguez@antonelli.com</p> <p>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</p>																			

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PATENT
REEL: 021183 FRAME: 0733

ATTORNEY DOCKET NUMBER:

501.48993X00

NAME OF SUBMITTER:

Paul J. Skwierawski

Total Attachments: 1

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ASSIGNMENT

(譲渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the below named inventor(s), citizens of Japan by HITACHI DISPLAYS, LTD., and HITACHI DISPLAY DEVICES, LTD., corporations organized under the laws of Japan, located at 3300 Hayano, Mobara-shi, Chiba-ken, Japan, and 3681 Hayano, Mobara-shi, Chiba-ken 297-8581, Japan, respectively, receipt of which is hereby acknowledged, we, the below named inventor(s), do hereby sell and assign to said HITACHI DISPLAYS, LTD., and HITACHI DISPLAY DEVICES, LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

LIQUID CRYSTAL DISPLAY DEVICE

invented by us 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., and HITACHI DISPLAY DEVICES, LTD., their 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 us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI DISPLAYS, LTD., and HITACHI DISPLAY DEVICES, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

1)	<u>Nobuyuki Kogamezawa</u>	<u>Jun. 20, 2008</u>
2)	<u>Atiyoshi Tobe</u>	<u>Jun. 20, 2008</u>
3)	<u>Shiraishi Yasuhisa</u>	<u>Jun. 20, 2008</u>
4)	<u></u>	<u></u>
5)	<u></u>	<u></u>
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9)	<u></u>	<u></u>
10)	<u></u>	<u></u>

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RECORDED: 07/02/2008

REEL: 021183 FRAME: 0735