

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ichiro INOUE	06/19/2008
Hiroyuki HAKOI	06/19/2008
Shinichi TERASHITA	06/19/2008
Koichi MIYACHI	06/19/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHARP KABUSHIKI KAISHA
<b>Street Address:</b>	22-22, Nagaike-cho, Abeno-ku
<b>City:</b>	Osaka-shi Osaka
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	545-8522
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12160352
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(703)816-4100
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-816-4000
Email:	cmg@nixonvan.com
Correspondent Name:	NIXON & VANDERHYE, PC
Address Line 1:	901 NORTH GLEBE ROAD, 11TH FLOOR
Address Line 4:	ARLINGTON, VIRGINIA 22203
ATTORNEY DOCKET NUMBER:	4578-25
NAME OF SUBMITTER:	H. Warren Burnam, Jr.

OP \$40.00 12160352

Total Attachments: 2  
 source=EXECUTED\_ASSIGNMENT#page1.tif

**500588059**

**PATENT  
 REEL: 021213 FRAME: 0818**



4578-25

## ASSIGNMENT OF PATENT APPLICATION

(Inventors) **Ichiro INOUE**  
**Hiroyuki HAKOI**  
**Shinichi TERASHITA**  
**Koichi MIYACHI**

(Assignee)  
 (Address) In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to SHARP KABUSHIKI KAISHA (of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan 545-8522 (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Title) PRODUCTION METHOD OF LIQUID CRYSTAL DISPLAY DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE (Case No. 4578-25) for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed (on or has already filed in (U.S. appln. Serial No. , filed on ).

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHUYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhuy P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

1336952

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	<u>JUN. 19. 2008</u>	Signature of inventor	( <u>Ichiro Inoue</u> ) Ichiro INOUE
Date	<u>JUN. 19. 2008</u>	Signature of inventor	( <u>Hiroyuki Hakoi</u> ) Hiroyuki HAKOI
Date	<u>JUN. 19. 2008</u>	Signature of inventor	( <u>Shinichi Terashita</u> ) Shinichi TERASHITA
Date	<u>JUN. 19. 2008</u>	Signature of inventor	( <u>Koichi Miyachi</u> ) Koichi MIYACHI