

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
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<b>CORRESPONDENCE DATA</b>																	
<p>Fax Number: (703)816-4100</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-816-4000</p> <p>Email: js@nixonvan.com</p> <p>Correspondent Name: H. Warren Burnam, Jr.</p> <p>Address Line 1: NIXON &amp; VANDERHYE, PC</p> <p>Address Line 2: 901 NORTH GLEBE ROAD, 11TH FLOOR</p> <p>Address Line 4: ARLINGTON, VIRGINIA 22203</p>																	
<b>ATTORNEY DOCKET NUMBER:</b>	3693-112																

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**PATENT**  
**REEL: 026865 FRAME: 0974**

NAME OF SUBMITTER:

H. Warren Burnam, Jr.

Total Attachments: 2

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**ASSIGNMENT (WORLDWIDE)**

WHEREAS, I, (We), Yasushi ASAOKA, Eiji SATOH, Kazuhiro DEGUCHI, Sayuri FUJIWARA, Takafumi MATSUDA, Katsuhiko MIKUMO and Kazunori TANIMOTO (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR FABRICATING THE SAME for which application for Letters Patent of the United States has been

X executed on even date herewith;  
\_\_\_\_\_ filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_.

WHEREAS, Sharp Kabushiki Kaisha of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: June 9, 2011

Yasushi Asaka  
Yasushi ASAOKA

Dated: July 20, 2011

Eiji Satoh  
Eiji SATOH

Dated: June 9, 2011

Kazuhiro Deguchi  
Kazuhiro DEGUCHI

Dated: June 9, 2011

Sayuri Fujiwara  
Sayuri FUJIWARA

Dated: July 5, 2011

Takafumi Matsuda  
Takafumi MATSUDA

Dated: July 7, 2011

Katsuhiro Mikumo  
Katsuhiro MIKUMO

Dated: July 11, 2011

Kazunori Tanimoto  
Kazunori TANIMOTO