

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Naru USUKURA</td><td>02/20/2009</td></tr><tr><td>Satoshi SHIBATA</td><td>02/20/2009</td></tr><tr><td>Takuma TOMOTOSHI</td><td>02/20/2009</td></tr><tr><td>Takehiro MURAO</td><td>02/23/2009</td></tr><tr><td>Eiichi URAKUBO</td><td>02/24/2009</td></tr><tr><td>Toshiyuki YOSHIMIZU</td><td>02/20/2009</td></tr></tbody></table>	Name	Execution Date	Naru USUKURA	02/20/2009	Satoshi SHIBATA	02/20/2009	Takuma TOMOTOSHI	02/20/2009	Takehiro MURAO	02/23/2009	Eiichi URAKUBO	02/24/2009	Toshiyuki YOSHIMIZU	02/20/2009	
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Postal Code:	545-8522														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12440791</td></tr></tbody></table>	Property Type	Number	Application Number:	12440791											
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Application Number:	12440791														
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PATENT  
REEL: 022377 FRAME: 0317

NAME OF SUBMITTER:

H. Warren Burnam, Jr.

Total Attachments: 2

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# ASSIGNMENT OF PATENT APPLICATION

(Inventors) Naru USUKURA  
 Satoshi SHIBATA  
 Takuma TOMOTOSHI  
 Takehiro MURAO  
 Eiichi URAKUBO  
 Toshiyuki YOSHIMIZU

(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 545-8522 Japan

(Title) (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as  
 LIQUID CRYSTAL DISPLAY PANEL PROVIDED WITH MICROLENS ARRAY,  
 METHOD FOR MANUFACTURING THE LIQUID CRYSTAL DISPLAY PANEL, AND  
 LIQUID CRYSTAL DISPLAY DEVICE  
 (Case No. 4034- )  
 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 & VANDERHYE 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 & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

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

Date <u>February 20, 2009</u>	Signature of inventor	( <u>Naru Usukura</u> Naru USUKURA
Date <u>February 20, 2009</u>	Signature of inventor	( <u>Satoshi Shibata</u> Satoshi SHIBATA
Date <u>February 20, 2009</u>	Signature of inventor	( <u>Takuma Tomotoshi</u> Takuma TOMOTOSHI
Date <u>February 23, 2009</u>	Signature of inventor	( <u>Takehiro Muraao</u> Takehiro MURAO
Date <u>February 24, 2009</u>	Signature of inventor	( <u>Eiichi Urukubo</u> Eiichi URAKUBO
Date <u>February 26, 2009</u>	Signature of inventor	( <u>Toshiyuki Yoshimizu</u> Toshiyuki YOSHIMIZU
Date _____	Signature of inventor	( _____
Date _____	Signature of inventor	( _____

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_