

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;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nathan J. SMITH</td> <td>11/10/2008</td> </tr> <tr> <td>Paul A. GASS</td> <td>11/10/2008</td> </tr> <tr> <td>James M. BALL</td> <td>11/27/2008</td> </tr> <tr> <td>Martin D. TILLIN</td> <td>11/10/2008</td> </tr> <tr> <td>Michel SAGARDOYBURU</td> <td>11/14/2008</td> </tr> </tbody> </table>		Name	Execution Date	Nathan J. SMITH	11/10/2008	Paul A. GASS	11/10/2008	James M. BALL	11/27/2008	Martin D. TILLIN	11/10/2008	Michel SAGARDOYBURU	11/14/2008
Name	Execution Date												
Nathan J. SMITH	11/10/2008												
Paul A. GASS	11/10/2008												
James M. BALL	11/27/2008												
Martin D. TILLIN	11/10/2008												
Michel SAGARDOYBURU	11/14/2008												
RECEIVING PARTY DATA													
Name:	SHARP KABUSHIKI KAISHA												
Street Address:	22-22 Nagaike-cho, Abeno-ku,												
City:	Osaka-shi, Osaka												
State/Country:	JAPAN												
Postal Code:	545-8522												
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>12306351</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12306351								
Property Type	Number												
Application Number:	12306351												
CORRESPONDENCE DATA													
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:	teh@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:	1035-837												
NAME OF SUBMITTER:	H. Warren Burnam, Jr.												

OP \$40.00 12306351

Total Attachments: 2
source=Assignment#page1.tif
source=Assignment#page2.tif

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Nathan J. SMITH
Paul A. GASS
James M. BALL
Martin D. TILLIN
Michel SAGARDOYBURU

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

(Assignee) SHARP KABUSHIKI KAISHA
(Address) of 22-22 Nagaïke-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan,
(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

(Other Countries) in the invention, and all application(s) for patent and any Letters Patent which may
(Title) be granted therefor, known as
A LIQUID CRYSTAL CELL AND A DISPLAY (Case No. -)
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.



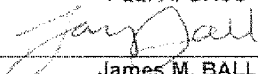

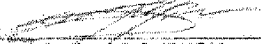
The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem 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.

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

Date	<u>10th Nov. '08</u>	Signature of inventor	
			Nathan J. SMITH
Date	<u>10/11/08</u>	Signature of inventor	
			Paul A. GASS
Date	<u>27/11/08</u>	Signature of inventor	
			James M. BALL
Date	<u>10/11/08</u>	Signature of inventor	
			Martin D. TILLIN
Date	<u>14/11/08</u>	Signature of inventor	
			Michel SAGARDOYBURU
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____
Date	_____	Signature of inventor	_____