

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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Tetsuo KIKUCHI	04/06/2009
Hideki KITAGAWA	04/06/2009
Hajime IMAI	04/06/2009
Mitsunori IMADE	04/06/2009
Junya SHIMADA	04/06/2009
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12446071
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Total Attachments: 2  
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# ASSIGNMENT OF PATENT APPLICATION

(Inventors) Yoshihito HARA  
Tetsuo KIKUCHI  
Hideki KITAGAWA  
Hajime IMAI  
Mitsunori IMADE  
Junya SHIMADA

(Assignee) In consideration of the sum of one dollar (\$1.00) and other good and valuable  
(Address) 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 AND METHOD FOR MANUFACTURING LIQUID  
CRYSTAL DISPLAY

(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.

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

Date	<u>April 6, 2009</u>	Signature of inventor	( <u>Yoshihito Hara</u> Yoshihito HARA
Date	<u>April 6, 2009</u>	Signature of inventor	( <u>Tetsuo Kikuchi</u> Tetsuo KIKUCHI
Date	<u>April 6, 2009</u>	Signature of inventor	( <u>Hideki Kitagawa</u> Hideki KITAGAWA
Date	<u>April 6, 2009</u>	Signature of inventor	( <u>Hajime Imai</u> Hajime IMAI
Date	<u>April 6, 2009</u>	Signature of inventor	( <u>Mitsunori Imade</u> Mitsunori IMADE
Date	<u>April 6, 2009</u>	Signature of inventor	( <u>Junya Shimada</u> Junya SHIMADA
Date	_____	Signature of inventor	( <u>Junya Shimada</u> _____
Date	_____	Signature of inventor	( _____ _____

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

Date \_\_\_\_\_

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

Date \_\_\_\_\_