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Our Ref.: 4825-8

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1 Satoshi MURATA 5</p> <p>2 Shota MAKIMOTO 6</p> <p>3 Norio SUGIURA 7</p> <p>4 Kengo KANII 8</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: May 12, 2006</p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: SHARP KABUSHIKI KAISHA</p> <p>Street Address: 22-22, Nagaïke-cho, Abeno-ku</p> <p>City: Osaka-shi, Osaka</p> <p>State/Country: Japan Zip: 545-8522</p> <p>2) Name _____</p> <p>Street Address: _____</p> <p>City: _____</p> <p>State: _____ Zip: _____</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s).</p> <p>(1) 11/345,659</p> <p>(2) _____</p> <p>(3) _____</p> <p>B. Patent No(s).</p> <p>(1) _____</p> <p>(2) _____</p> <p>(3) _____</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: H. Warren Burnam, Jr.</p> <p>Internal Address: _____</p> <p>Street Address: Nixon & Vanderhye P.C.</p> <p>901 North Glebe Road</p> <p>11th Floor</p> <p>City: Arlington State: VA Zip: 22203</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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<p>9. Statements and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>H. Warren Burnam, Jr. _____</p> <p>Name of Person Signing _____</p> <p>Reg. No. 29,366 _____</p> <p>Signature _____</p> <p>Date October 5, 2006</p> <p>Total number of pages including original cover sheet, attachments, and document: [4]</p>		
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PATENT
REEL: 018405 FRAME: 0564



ASSIGNMENT OF PATENT APPLICATION

(Inventors) **Satoshi MURATA**
Shota MAKIMOTO
Norio SUGIURA
Kengo KANII

(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
(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 in the invention, and all application(s) for patent and any Letters Patent which may
Countries) be granted therefor, known as
(Title) LIQUID CRYSTAL 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>May. 12, 2006</u>	Signature of inventor	(<u>Satoshi Murata</u>
Date	_____	Signature of inventor	(<u>Satoshi MURATA</u>
Date	_____	Signature of inventor	(<u>Shota MAKIMOTO</u>
Date	_____	Signature of inventor	(<u>Norio SUGIURA</u>
Date	_____	Signature of inventor	(<u>Kengo KANII</u>
Date	_____	Signature of inventor	(_____
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Date	_____	Signature of inventor	(_____
Date	_____	Signature of inventor	(_____
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Date	_____	Signature of inventor	(_____

Witnessed by: _____	Date _____
Witnessed by: _____	Date _____
Witnessed by: _____	Date _____

Date _____	Signature of inventor	(_____
Date <u>May. 12, 2006</u>	Signature of inventor	(_____
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Date _____	Signature of inventor	(_____

Satoshi MURATA
Shota Makimoto
Shota MAKIMOTO

Norio SUGIURA

Kengo KANII

Witnessed by: _____	Date _____
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Witnessed by: _____	Date _____