

## 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>Kazunari TOMIZAWA</td><td>07/17/2007</td></tr><tr><td>Kozo NAKAMURA</td><td>07/17/2007</td></tr></tbody></table>	Name	Execution Date	Kazunari TOMIZAWA	07/17/2007	Kozo NAKAMURA	07/17/2007					
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Sharp Kabushiki Kaisha</td></tr><tr><td>Street Address:</td><td>22-22, Nagaike-cho, Abeno-ku</td></tr><tr><td>City:</td><td>Osaka-shi, Osaka</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>545-8522</td></tr></table>	Name:	Sharp Kabushiki Kaisha	Street Address:	22-22, Nagaike-cho, Abeno-ku	City:	Osaka-shi, Osaka	State/Country:	JAPAN	Postal Code:	545-8522	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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Total Attachments: 2 source=70404-174-PTO-20070831-Assignment#page1.tif source=70404-174-PTO-20070831-Assignment#page2.tif											

OP \$40.00 11817530

PATENT

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REEL: 019771 FRAME: 0364

**ASSIGNMENT (WORLDWIDE)**

WHEREAS, we, Kazunari TOMIZAWA and Kozo NAKAMURA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **DISPLAY DEVICE** for which application for Letters Patent of the United States has been

  x   executed on even date herewith;  
filed on 08/31/2007 as Serial No. 11/817,530.

WHEREAS, Sharp Kabushiki Kaisha, 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 therefore;

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 therefore 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 therefore 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: JUL. 17. 2007

Kazunari Tomizawa  
Kazunari TOMIZAWA

Dated: JUL. 17. 2007

Kozo Nakamura  
Kozo NAKAMURA