

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>Satoshi HORIUCHI</td><td>06/09/2008</td></tr><tr><td>Yuhko HISADA</td><td>06/09/2008</td></tr><tr><td>Tomoo FURUKAWA</td><td>06/10/2008</td></tr><tr><td>Ryohki ITOH</td><td>06/09/2008</td></tr><tr><td>Takaharu YAMADA</td><td>06/09/2008</td></tr></tbody></table>	Name	Execution Date	Satoshi HORIUCHI	06/09/2008	Yuhko HISADA	06/09/2008	Tomoo FURUKAWA	06/10/2008	Ryohki ITOH	06/09/2008	Takaharu YAMADA	06/09/2008	
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RECEIVING PARTY DATA													
Name:	Sharp Kabushiki Kaisha												
Street Address:	22-22, Nagaike-cho												
City:	Abeno-ku, Osaka-shi, Osaka												
State/Country:	JAPAN												
Postal Code:	545-8522												
PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
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ATTORNEY DOCKET NUMBER:	70404.300/SA												
NAME OF SUBMITTER:	Kelly Gastoukian												

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PATENT
REEL: 021189 FRAME: 0609

Total Attachments: 2

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ASSIGNMENT (WORLDWIDE)

WHEREAS, We (I), _____ (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

_____ executed on even date herewith;
☒ filed on July 2, 2008 as Serial No. 12/159,953.

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: June 9, 2008

SATOSHI HORIUCHI
SATOSHI HORIUCHI

Dated: June 9, 2008

Yuhiko Hisada
YUHIKO HISADA

Dated: June 10, 2008

TOMOO FURUKAWA
TOMOO FURUKAWA

Dated: June 9, 2008

RYOHKI ITOH
RYOHKI ITOH

Dated: June 9, 2008

TAKAHARU YAMADA
TAKAHARU YAMADA