

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Makoto SHIOMI	04/23/2007
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	
Property Type	Number
Application Number:	11720071
CORRESPONDENCE DATA	
Fax Number:	(703)637-1499
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7036371480
Email:	junekeating@kbiplaw.com
Correspondent Name:	Keating & Bennett, LLP
Address Line 1:	8180 Greensboro Drive
Address Line 2:	Suite 850
Address Line 4:	McLean, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	70404.162/HA
NAME OF SUBMITTER:	June Keating
Total Attachments: 1 source=70404-162-PTO-20070523-Assignments#page1.tif	

OP \$40.00 11720071

ASSIGNMENT (WORLDWIDE)

WHEREAS, I, Makoto SHIOMI (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled DRIVING DEVICE FOR DISPLAY PANEL, DISPLAY DEVICE INCLUDING THE DRIVING DEVICE, METHOD FOR DRIVING A DISPLAY PANEL, PROGRAM, AND STORAGE MEDIUM for which application for Letters Patent of the United States has been

 executed on even date herewith;
 filed on May 23, 2007 as Serial No. 11/720,071.

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: 23 Apr 2007

Makoto Shiomi

Makoto SHIOMI