

Al - 100 - 100



IC12 Rec'd PCT/PTO

11-08-2005

10/532051

21 APR 2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

<b>R</b>	
 <b>103116083</b>	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
<b>1. Name of conveying party(ies):</b> Yoshio HAGINO  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Sharp Kabushiki Kaisha</u> Internal Address: _____ Street Address: _____ 22-22, Nagaike-cho, Abeno-ku Osaka-Shi, Osaka 545-8522 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): <u>March 10, 2005</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	
<b>4. Application or patent number(s):</b> A. Patent Application No.(s) <u>NEW</u>  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s)  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Charles Gorenstein</u> <u>BIRCH, STEWART, KOLASCH &amp; BIRCH,</u> <u>LLP</u> Internal Address: <u>Atty. Dkt.: 1254-0279PUS1</u> Street Address: <u>8110 Gatehouse Rd</u> <u>Suite 100 East</u> <u>P.O. Box 747</u>  City: <u>Falls Church</u> State: <u>VA</u> Zip: <u>22040-0747</u> Phone Number: <u>(703) 205-8000</u> Fax Number: <u>(703) 205-8050</u> Email Address: <u>mailroom@bskb.com</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)  <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number _____ Authorized User Name _____
<b>9. Signature:</b>  _____ Signature <u>Charles Gorenstein -29,271</u> Name of Person Signing  Date: <u>April 21, 2005</u> Total number of pages including cover sheet, attachments, and documents: <u>3</u>	

CG/smt

04/26/2005 SNAJARRD 00000043 10532051

06 FC:8021

40.00 DP

Birch, Stewart, Kolasch & Birch, LLP - CG/smt

PATENT

REEL: 017167 FRAME: 0484

Attorney's Docket No.: \_\_\_\_\_

**Assignment of Application**

WHEREAS, I (WE) Yoshino HAGINO of 1546-1, Konakadai-cho, Inage-ku, Chiba-shi,  
Chiba 263-0044 Japan

\_\_\_\_\_, respectively,  
have invented certain new and useful improvements in: FOCUS STATE DISPLAY

for which an application for Letters Patent was executed on March 10, 2005  
(Application No. NEW, filed April 21, 2005), and

WHEREAS, SHARP KABUSHIKI KAISHA  
(hereinafter referred to as "ASSIGNEE") having a place of business at: 22-22, Nagaike-cho,  
Abeno-ku, Osaka-shi, Osaka 545-8522 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any  
Letters Patent that may be granted therefore in the United States and its territorial possessions and in  
any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt  
whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these  
presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said  
invention in the United States and its territorial possessions and in all foreign countries and the  
entire right, title and interest in and to any and all Letters Patent which may be granted therefore in  
the United States and its territorial possessions and in any and all foreign countries and in and to any  
and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its  
territorial possessions and any official of any and all foreign countries to issue any and all of said  
Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and  
interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and  
assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely  
as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its legal  
representatives and assigns covenant and any facts known to me (us) respecting said invention, and

**PATENT****REEL: 017167 FRAME: 0485**

testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of BIRCH, STEWART, KOLASCH & BIRCH, LLP of 8110 Gatehouse Road, Suite 100 East, Falls Church, Virginia 22042-1248 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: March 10, 2005

Yoshio Hagino  
(Signature of inventor) Yoshio HAGINO