

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nathan James SMITH</td> <td>07/14/2010</td> </tr> <tr> <td>Benjamin John BROUGHTON</td> <td>07/14/2010</td> </tr> <tr> <td>Lesley Anne PARRY-JONES</td> <td>07/14/2010</td> </tr> <tr> <td>Jonathan MATHER</td> <td>07/15/2010</td> </tr> <tr> <td>Harry Garth WALTON</td> <td>07/21/2010</td> </tr> </tbody> </table>		Name	Execution Date	Nathan James SMITH	07/14/2010	Benjamin John BROUGHTON	07/14/2010	Lesley Anne PARRY-JONES	07/14/2010	Jonathan MATHER	07/15/2010	Harry Garth WALTON	07/21/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SHARP KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>22-22, Nagaïke-cho, Abeno-ku, Osaka-shi</td> </tr> <tr> <td>City:</td> <td>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, Nagaïke-cho, Abeno-ku, Osaka-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	545-8522		
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CORRESPONDENCE DATA													
Fax Number: (216)621-6165 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 2166211113 Email: msaralino@rennerotto.com Correspondent Name: Mark D Saralino Address Line 1: Renner, Otto, Boisselle & Sklar, LLP Address Line 2: 1621 Euclid Avenue, Nineteenth Floor Address Line 4: Cleveland, OHIO 44115													
ATTORNEY DOCKET NUMBER:	HARAP0280US												
NAME OF SUBMITTER:	Mark D. Saralino												

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PATENT
REEL: 024826 FRAME: 0826

Total Attachments: 2
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ASSIGNMENT

WHEREAS:

NAME(S) AND
ADDRESS(ES) OF
INVENTOR(S)

Nathan James SMITH
c/o SHARP LABORATORIES OF EUROPE, LTD.
Edmund Halley Road, Oxford Science Park, Oxford, OX4 4GB, U.K.

Benjamin John BROUGHTON
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Harry Garth WALTON
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Edmund Halley Road, Oxford Science Park, Oxford, OX4 4GB, U.K.

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF
INVENTION

DISPLAY

for which application for Letters Patent of the United States has been:

PARTICULARS OF
APPLICATION

☐ executed concurrently herewith, 12/867,084
☒ filed under U.S. Application No. 12/867,084 on 11 AUG 2010 or PCT International
Application No. PCT/JP2009/053621 on February 20, 2009.
☐ filed under Express Mail Label No. _____ on _____

WHEREAS:

NAME, STATE OF
INCORPORATION
AND ADDRESS OF
ASSIGNEE

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 (including all inventions should said application be deemed to include multiple inventions).

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor 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.

ASSIGNOR hereby covenants that ASSIGNOR has the full power to make this assignment and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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 that ASSIGNOR will testify as to the same in any legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal

Attorney Docket No.

representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce patent protection for said invention in all countries.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

FULL NAME(S) OF
INVENTOR(S)

Date 14 JULY 2010


Nathan James SMITH

Date 14th July 2010


Benjamin John BROUGHTON

Date 14th July 2010


Lesley Anne PARRY-JONES

Date 15/7/10


Jonathan MATHER

Date 21/7/10


Harry Garth WALTON

PATENT

RECORDED: 08/12/2010

REEL: 024826 FRAME: 0829