

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Martin David TILLIN</td> <td>08/07/2009</td> </tr> <tr> <td>Jonathan MATHER</td> <td>08/07/2009</td> </tr> <tr> <td>Emma Jayne WALTON</td> <td>08/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	Martin David TILLIN	08/07/2009	Jonathan MATHER	08/07/2009	Emma Jayne WALTON	08/17/2009		
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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, Nagaike-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, Nagaike-cho, Abeno-ku, Osaka-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	545-8522
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PROPERTY NUMBERS Total: 1											
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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:	HARAP0251US										
NAME OF SUBMITTER:	Mark D. Saralino										
Total Attachments: 2 source=12502317Assignment#page1.tif											

OP \$40.00 12502317

500950443

PATENT
REEL: 023171 FRAME: 0718

Attorney Docket No.

ASSIGNMENT

WHEREAS:

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

Martin David TILLIN
c/o SHARP LABORATORIES OF EUROPE, LTD.
Edmund Halley Road, Oxford Science Park, Oxford, OX4 4GB, U.K.

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

Emma Jayne WALTON
c/o SHARP LABORATORIES OF EUROPE, LTD.
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,
☒ filed under U.S. Application No. 12/502,317 on July 14, 2009, or
☐ filed under Express Mail Label No. _____ on _____

WHEREAS:

NAME, STATE OF
INCORPORATION
AND ADDRESS OF
ASSIGNEE

SHARP KABUSHIKI KAISHA
22-22, Nagaïke-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.

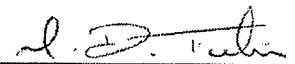
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and that ASSIGNOR will testify as to the same in any legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce patent protection for said invention in all countries.

Attorney Docket No.

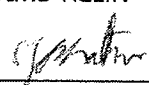
I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

FULL NAME(S) OF
INVENTOR(S)

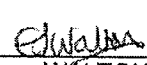
Date 07/08/09


Martin David TILLIN

Date 7/8/9


Jonathan MATHER

Date 17/8/09


Emma Jayne WALTON