

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tim Michael SMEETON</td> <td>07/09/2008</td> </tr> <tr> <td>Katherine Louise SMITH</td> <td>07/09/2008</td> </tr> <tr> <td>Mathieu Xavier SENES</td> <td>07/09/2008</td> </tr> <tr> <td>Stewart Edward HOOPER</td> <td>07/09/2008</td> </tr> </tbody> </table>		Name	Execution Date	Tim Michael SMEETON	07/09/2008	Katherine Louise SMITH	07/09/2008	Mathieu Xavier SENES	07/09/2008	Stewart Edward HOOPER	07/09/2008
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RECEIVING PARTY DATA											
Name:	SHARP KABUSHIKI KAISHA										
Street Address:	22-22, Nagaike-cho, Abeno-ku, Osaka-shi										
City:	Osaka										
State/Country:	JAPAN										
Postal Code:	545-8522										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12189972</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12189972						
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CORRESPONDENCE DATA											
Fax Number:	(216)621-6165										
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NAME OF SUBMITTER:	Mark D. Saralino										
Total Attachments: 2											

OP \$40.00 12189972

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Attorney Docket No.

ASSIGNMENT

WHEREAS:

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

Tim Michael SMEETON, Katherine Louise SMITH, Mathieu Xavier SÉNÈS and Stewart Edward HOOPER

22 Marlborough Close Littlemore Oxford Oxfordshire OX4 4PH United Kingdom
15 Stowford Road Headington Oxford Oxfordshire OX3 9PJ United Kingdom
42 Westbury Crescent Oxford Oxfordshire OX4 3RZ United Kingdom
9 Heyford Mead Kidlington Oxfordshire OX5 1AF United Kingdom

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

TITLE OF INVENTION

A SEMICONDUCTOR DEVICE AND A METHOD OF MANUFACTURE THEREOF

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

PARTICULARS OF APPLICATION

executed concurrently herewith,
 filed under U.S. Application No. 12/189,972 on 12 AUG 2008, or
 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 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 9th July 2008

Tim Smeeton
Tim Michael SMEETON

Date 9/7/8

K Smith
Katherine Louise SMITH

Date 9/7/8

Mathieu Xavier SENES
Mathieu Xavier SENES

Date 9/7/08

Stewart Edward HOOPER
Stewart Edward HOOPER