

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jean-Luc Laurent CASTAGNER	01/22/2010
Alexandra BAUM	02/03/2010
Jing YU	02/05/2010
James Rowland SUCKLING	01/22/2010
Christopher James BROWN	01/22/2010
RECEIVING PARTY DATA	
Name:	SHARP KABUSHIKI KAISHA
Street Address:	22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	545-8522
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12702972
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Mark D. Saralino
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Address Line 2:	1621 Euclid Ave., 19th Fl.
Address Line 4:	Cleveland, OHIO 44115
ATTORNEY DOCKET NUMBER:	SHRPP0124US
NAME OF SUBMITTER:	Mark D. Saralino

OP \$40.00 12702972

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**PATENT
 REEL: 023924 FRAME: 0085**

Total Attachments: 4

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ASSIGNMENT

WHEREAS:

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

Jean-Luc Laurent CASTAGNER
45/47 Grand Rue
81500 Lavaur
France

Alexandra BAUM
43 Edwin Court, Binsey Lane
Oxford, OX2 0QJ
United Kingdom

Jing YU
25 Wandle Beck, Didcot
OX11 7XB
United Kingdom

James Rowland SUCKLING
4 Leach Grove, Leatherhead, Surrey
KT22 8SG
United Kingdom

Christopher James BROWN
62 Crotch Crescent
Oxford, OX3 0JJ
United Kingdom

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

TITLE OF INVENTION

ELECTRICALLY SWITCHABLE FIELD OF VIEW FOR EMBEDDED LIGHT SENSOR

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

PARTICULARS OF APPLICATION

executed concurrently herewith, 12/702,972 02-09-10, or
 filed under U.S. Application No. _____ on _____, or
 filed under Express Mail Label No. _____ on _____.

hereby sell(s) and assign(s) the entire worldwide right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries to:

NAME, STATE OF INCORPORATION AND ADDRESS OF ASSIGNEE

SHARP KABUSHIKI KAISHA
22-22, Nagaike-cho, Abeno-ku, Osaka-shi
Osaka 545-8522 Japan

Including:

any and all related patent application(s) in the United States or a country foreign thereto, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, convention, International (e.g., Patent Cooperation Treaty (PCT)) and other applications based in whole or in part upon said invention(s) or upon said application(s);

any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for said invention(s) or upon said application(s); and

every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said Letters Patent.

I/We additionally authorize the Assignee to file patent applications in my/our name for Letters

Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I/We also appoint the Assignee as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to the Assignee in accordance herewith.

I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given. I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said Letters Patent, to the Assignee, its successors or assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I/We hereby sell, assign and transfer unto the Assignee the authority to revoke power(s) of attorney executed by me/us in connection with this application and to appoint a new power of attorney in place thereof.

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 INVENTORS(S)

Date _____	_____	Jean-Luc Laurent CASTAGNER
Date <u>03/02/2010</u>	_____	<u>Alexandra Baum</u> Alexandra BAUM
Date <u>05/02/2010</u>	_____	<u>Jing YU</u> Jing YU
Date <u>22/01/2010</u>	_____	<u>James Rowland Suckling</u> James Rowland SUCKLING
Date <u>22/01/2010</u>	_____	<u>Christopher James Brown</u> Christopher James BROWN

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hereby sell(s) and assign(s) the entire worldwide right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries to:

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SHARP KABUSHIKI KAISHA
22-22, Nagaike-cho, Abeno-ku, Osaka-shi
Osaka 545-8522 Japan

Including:

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every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said Letters Patent.

I/We additionally authorize the Assignee to file patent applications in my/our name for Letters

Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I/We also appoint the Assignee as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to the Assignee in accordance herewith.

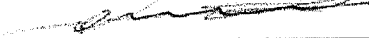
I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given. I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said Letters Patent, to the Assignee, its successors or assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

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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 <u>22nd January 2010</u>	 _____ Jean-Luc Laurent CASTAGNER
Date _____	_____ Alexandra BAUM
Date _____	_____ Jing YU
Date _____	_____ James Rowland SUCKLING
Date _____	_____ Christopher James BROWN