

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shun UEKI</td> <td>11/12/2012</td> </tr> <tr> <td>Takahiro NAKAHARA</td> <td>11/12/2012</td> </tr> <tr> <td>Kozo NAKAMURA</td> <td>08/22/2012</td> </tr> <tr> <td>Akira SAKAI</td> <td>11/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shun UEKI	11/12/2012	Takahiro NAKAHARA	11/12/2012	Kozo NAKAMURA	08/22/2012	Akira SAKAI	11/12/2012
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CORRESPONDENCE DATA											
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: ils@nixonvan.com</p> <p>Correspondent Name: Nixon & Vanderhye, P.C.</p> <p>Address Line 1: 901 N. Glebe Road</p> <p>Address Line 2: Suite 1100</p> <p>Address Line 4: Arlington, VIRGINIA 22203</p>											
ATTORNEY DOCKET NUMBER:	4578-156										
NAME OF SUBMITTER:	H. Warren Burnam, Jr.										
<p>Total Attachments: 2</p> <p>source=4578-156_Assignment#page1.tif</p> <p>source=4578-156_Assignment#page2.tif</p>											

OP \$40.00 13640093

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Shun UEKI
Takahiro NAKAHARA
Kozo NAKAMURA
Akira SAKAI

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) SHARP KABUSHIKI KAISHA
(Address) of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, JP 545-8522
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) in the invention, and all application(s) for patent and any Letters Patent which may be granted therefor, known as
(Title) ACTIVE SHUTTER GLASSES AND A STEREOSCOPIC IMAGE PROJECTION SYSTEM
(Case No. 4578-156)
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed in U.S. appln. Serial No. filed on To Be Assigned.
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date NOV. 12.2012 Signature of inventor

Shun Ueki

Shun UEKI

Date NOV. 12.2012 Signature of inventor

Takahiro NAKAHARA

Takahiro NAKAHARA

Date 22 August 2012 Signature of inventor

Kozo Nakamura

Kozo NAKAMURA

Date NOV. 12.2012 Signature of inventor

Akira Sakai

Akira SAKAI