

PATENT ASSIGNMENT

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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>Kenichi YOSHIMURA</td> <td>05/14/2013</td> </tr> <tr> <td>Kohsei TAKAHASHI</td> <td>05/23/2013</td> </tr> <tr> <td>Hiroshi FUKUNAGA</td> <td>05/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kenichi YOSHIMURA	05/14/2013	Kohsei TAKAHASHI	05/23/2013	Hiroshi FUKUNAGA	05/14/2013
Name	Execution Date								
Kenichi YOSHIMURA	05/14/2013								
Kohsei TAKAHASHI	05/23/2013								
Hiroshi FUKUNAGA	05/14/2013								
RECEIVING PARTY DATA									
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City:	Osaka-shi, Osaka								
State/Country:	JAPAN								
Postal Code:	545-8522								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13979554</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13979554				
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Application Number:	13979554								
CORRESPONDENCE DATA									
Fax Number:	7038164100								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	H. Warren Burnam, Jr.								
Signature:	/H. Warren Burnam, Jr./								
Date:	07/12/2013								
Total Attachments: 2 source=2589-108_EXECUTED_ASSIGNMENT#page1.tif source=2589-108_EXECUTED_ASSIGNMENT#page2.tif									

OP \$40.00 13979554

ASSIGNMENT OF PATENT APPLICATION

(Inventors) **Kenichi YOSHIMURA**
Kohsei TAKAHASHI
Hiroshi FUKUNAGA

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

SHARP KABUSHIKI KAISHA
(of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan
(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 for patent and any Letters Patent which
(Title) may be granted therefore, known as
SEMICONDUCTOR LIGHT-EMITTING DEVICE (Case No. -)
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).
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 May 14, 2013 Signature of inventor Kenichi Yoshimura
Kenichi YOSHIMURA

Date May 23, 2013 Signature of inventor Kohsei Takahashi
Kohsei TAKAHASHI

Date May 14, 2013 Signature of inventor Hiroshi Fukunaga
Hiroshi FUKUNAGA