

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>Takahide JOICHI</td> <td>05/12/2009</td> </tr> <tr> <td>Hiroaki OKAGAWA</td> <td>05/12/2009</td> </tr> <tr> <td>Shin HIRAOKA</td> <td>05/12/2009</td> </tr> <tr> <td>Toshihiko SHIMA</td> <td>05/19/2009</td> </tr> <tr> <td>Hirokazu TANIGUCHI</td> <td>05/12/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Takahide JOICHI | 05/12/2009 | Hiroaki OKAGAWA | 05/12/2009 | Shin HIRAOKA | 05/12/2009 | Toshihiko SHIMA | 05/19/2009 | Hirokazu TANIGUCHI | 05/12/2009 |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>MITSUBISHI CHEMICAL CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>14-1, Shiba 4-chome, Minato-ku,</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-0014</td> </tr> </table> | | Name: | MITSUBISHI CHEMICAL CORPORATION | Street Address: | 14-1, Shiba 4-chome, Minato-ku, | City: | Tokyo | State/Country: | JAPAN | Postal Code: | 108-0014 | | |
| Name: | MITSUBISHI CHEMICAL CORPORATION | | | | | | | | | | | | |
| Street Address: | 14-1, Shiba 4-chome, Minato-ku, | | | | | | | | | | | | |
| City: | Tokyo | | | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | | | |
| Postal Code: | 108-0014 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12311548</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12311548 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12311548 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: (202)721-8250 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2027218200</p> <p>Email: wlp@wenderoth.com</p> <p>Correspondent Name: Janae Johnson</p> <p>Address Line 1: 1030 15th Street NW</p> <p>Address Line 2: Suite 400 East</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 2009-0558A | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Janae Johnson | | | | | | | | | | | | |

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PATENT
 REEL: 023111 FRAME: 0012

Total Attachments: 2
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Takahide JOICHI, Hiroaki OKAGAWA, Shin HIRAOKA, Toshihiko SHIMA and Hirokazu TANIGUCHI

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) mitsubishi chemical corporation
Address of 14-1, Shiba 4-chome, Minato-ku Tokyo, 108-0014 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of Invention LIGHT EMITTING DEVICE USING GaN LED CHIP

for which an application for patent in the United States of America has resulted from International Application Serial No. PCT/JP2007/069612 filed on October 5, 2007

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and 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 Patents of the United States resulting from said application or any division or divisions or continuing or reissue 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 WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, 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.

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

Date 2009. 5. 12, Name of the Inventor Takahide Joichi
Takahide JOICHI

Date 2009. 5. 12, Name of the Inventor Hiroaki Okagawa
Hiroaki OKAGAWA

Date 2009. 5. 12, Name of the Inventor Shin Hiraoka
Shin HIRAOKA

Date 2009. 5. 19, Name of the Inventor Toshihiko Shima
Hirokazu Taniguchi H.T.
Toshihiko SHIMA

Date 2009. 5. 12, Name of the Inventor Hirokazu Taniguchi
Toshihiko Shima ST
Hirokazu TANIGUCHI

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Hajime Motegi
Hajime MOTEGI

Witness Yasuko Masaki
Yasuko MASAKI

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____