

**PATENT ASSIGNMENT**

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| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT                  |
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT                      |
| <b>CONVEYING PARTY DATA</b>  |                                 |
| <b>Name</b>  | <b>Execution Date</b>           |
| Noriyuki MIURA   | 11/05/2010                      |
| <b>RECEIVING PARTY DATA</b>  |                                 |
| <b>Name:</b>   | OKI SEMICONDUCTOR CO., LTD.     |
| <b>Street Address:</b>   | 550-1, Higashiasakawa-cho       |
| <b>Internal Address:</b>   | Hachioji-shi                    |
| <b>City:</b>   | Tokyo                           |
| <b>State/Country:</b>  | JAPAN                           |
| <b>Postal Code:</b>  | 193-8550                        |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                 |
| <b>Property Type</b>   | <b>Number</b>                   |
| <b>Application Number:</b>   | 12951700                        |
| <b>CORRESPONDENCE DATA</b>   |                                 |
| <b>Fax Number:</b>   | (703)390-1277                   |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                 |
| <b>Phone:</b>  | 703 390 9051                    |
| <b>Email:</b>  | dave.washington@sbpatentlaw.com |
| <b>Correspondent Name:</b>   | Stuebaker & Brackett PC         |
| <b>Address Line 1:</b>   | One Fountain Square             |
| <b>Address Line 2:</b>   | 11911 Freedom Drive, Suite 750  |
| <b>Address Line 4:</b>   | Reston, VIRGINIA 20190          |
| <b>ATTORNEY DOCKET NUMBER:</b>   | 031794-107                      |
| <b>NAME OF SUBMITTER:</b>  | Donald R. Stuebaker             |
| Total Attachments: 1<br>source=ASN#page1.tif   |                                 |

OP \$40.00 12951700

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS Noriyuki MIURA  
hereinafter referred to collectively as the assignor, has invented a certain improvement  
relating to LIGHT DETECTING APPARATUS AND METHOD OF MANUFACTURING SAME

the inventor(s) declaration for said application being executed concurrently with the execution of this  
instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on,  
authorization being hereby given to the practitioners associated with the

**CUSTOMER NUMBER 78198.**

, to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial  
number of said application when known;

said application having been filed under the Patent Cooperation Treaty on \_\_\_\_\_,  
Serial No. ) \_\_\_\_\_, the United States of America being designated.

**AND WHEREAS OKI SEMICONDUCTOR CO., LTD.**

of 550-1 Higashiasakawa-cho Hachioiji-shi, Tokyo 193-8550, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to  
said application, including any and all divisions and continuations thereof, and in and to said invention and  
any and all patents which may be granted therefor, including any and all renewals, reissues and  
prolongations thereof;

**NOW THIS WITNESSETH**, that for and in consideration of One Dollar (\$1.00), and other good and  
valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged,  
said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and  
assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions  
and continuations thereof, and in and to said invention and any and all patents which may be granted therefor,  
including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's  
successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions  
and continuations thereof, and the said invention and any and all patents which may be granted therefor,  
including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and  
advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all  
such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use  
and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a  
manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been  
made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's  
successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including  
any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue  
Letters Patent on said application, and on any and all divisions and continuations thereof,  
to said assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals 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 and Trademark Office for recordation of this document:

**STUDEBAKER & BRACKETT PC**

All practitioners at Customer Number 78198.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the  
invention was made.

EXECUTED, November 5, 2010

**WITNESS:**

**ASSIGNOR:**

Signature: Yusuke Konno

Signature: Noriyuki Miura

Name: Noriyuki MIURA

STUDEBAKER & BRACKETT PC

**PATENT**