

08-29-2005

RECORD



103070113

Our Ref.: 925-323

*8/22/05*

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Takahisa KURAHASHI Tetsuro MURAKAMI Shouichi OYAMA Osamu YAMAMOTO</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment      <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date:      August 5, 2005; August 5, 2005;                                  August 5, 2005; August 9, 2005</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Sharp Kabushiki Kaisha</u> Internal Address: _____ Street Address: <u>22-22, Nagaike-cho, Abeno-ku, Osaka-shi</u> _____ _____ City: <u>Osaka</u> State/Country: <u>Japan</u> Zip: <u>545-8522</u></p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
---	---

11/20/07 113013 U.S. PTO



082205

<p>4. Application number(s) or patent number(s): <input checked="" type="checkbox"/> This application is being filed together with a new application.</p> <p>A. Patent Application No(s). (1) To be assigned (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
--	--

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>H. Warren Burnam, Jr.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140.</b></p>
---	--

DO NOT USE THIS SPACE

9. Statements and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<p><u>H. Warren Burnam, Jr.</u> Name of Person Signing Reg. No. 29,366</p>	<p><i>[Signature]</i> Signature</p>	<p><u>August 22, 2005</u> Date</p>
--	---	--

Total number of pages including **original** cover sheet, attachments, and document: [2]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

08/23/2005 SDIRETA1 00000025 11207794

04 FC:8021

40.00 DP

**ASSIGNMENT OF U.S. PATENT APPLICATION**

**(Inventors)** Takahisa KURAHASHI  
Tetsurou MURAKAMI  
Shouchi OYAMA  
Osamu YAMAMOTO

**(Assignee)** SHARP KABUSHIKI KAISHA a corporation of Japan  
**(Address)** 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan

**(Title)** (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as SEMICONDUCTOR LIGHT EMITTING DEVICE AND MANUFACTURING METHOD FOR SEMICONDUCTOR LIGHT EMITTING DEVICE

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 U.S. application Serial No. \_\_\_\_\_, 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 & VANDERHUYE 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 & Vanderhuy 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	<u>August 5th, 2005</u>	Signature of inventor	<u>Takahisa KURAHASHI</u>
Date	<u>August 5th, 2005</u>	Signature of inventor	<u>Tetsurou MURAKAMI</u>
Date	<u>August 5th, 2005</u>	Signature of inventor	<u>Shouchi OYAMA</u>
Date	<u>August 9th, 2005</u>	Signature of inventor	<u>Osamu Yamamoto</u>
Date	_____	Signature of inventor	_____

Witnessed by: Yuka Sugihara Date August 5, 2005

Witnessed by: Satoko Koshio Date August 9, 2005