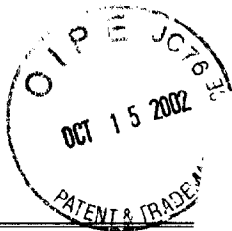


Atty. Docket No.: 33035M108



10-21-2002



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RECORD

PATENT

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copies thereof.

1. Name(s) of conveying party(ies):

Toshio TAKAGI

2. Name(s) and Address(es) of receiving party(ies):

SUMITOMO ELECTRIC INDUSTRIES, LTD.  
5-33, Kitahama 4-chome,  
Chuo-Ku, Osaka, JAPAN

MRD 10/15/02

3. Nature of conveyance: Assignment

Execution Date: October 3, 2002

4A. Patent Application No.(s): 10/217,344

Application filing date : August 13, 2002

4B. Patent No.(s):

5. Name and Address of Party to whom correspondence regarding this document should be mailed:

Smith, Gambrell & Russell, LLP  
1850 M Street NW - Suite 800  
Washington, DC 20036  
(202) 659-2811

6. Total number of applications and patents involved : one

7. Total fee: \$40.00.

(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

8. Deposit Account No.: 02-4300

DO NOT USE THIS SPACE

9. Statement 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.

Name of Person Signing : Michael A. Makuch, Reg. No. 32,263

Signature:

Date October 15, 2002

10/16/2002 SSESHE1 00000109 10217344

03 FC:8021

40.00 DP

# ASSIGNMENT

This assignment agreement is applicable to an invention entitled :

**LIGHT EMITTING MODULE AND THE METHOD OF THE PRODUCING THE SAME**

**THE PATENT RIGHTS** referred to in this agreement are:

- (check one)
- a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
  - U.S. patent application No. 10/217,344 filed August 13, 2002.
  - a U.S. patent application based on PCT International Application No. \_\_\_\_\_ filed \_\_\_\_\_.  
(U.S. patent application Serial No. \_\_\_\_\_)
  - U.S. patent No. \_\_\_\_\_ issued \_\_\_\_\_.

**THE PATENT RIGHTS** also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

**THE PATENT RIGHTS** assigned under this agreement are:

- (check one)
- U.S. patent rights only.
  - Worldwide patent rights. (In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.)

**THE ASSIGNORS** referred to in this agreement are the inventors whose signatures appear on page 2 of this Assignment.

**THE ASSIGNEE** referred to in this agreement is:

(name and address)      **SUMITOMO ELECTRIC INDUSTRIES, LTD.**  
**5-33, Kitahama 4-chome, Chuo-ku,**  
**Osaka-shi, Osaka 541-0041, JAPAN**

**THE ASSIGNEE** is:     An Individual.  
                                A Partnership.  
 (state/country)     A Corporation of JAPAN.  
                                (other)

**THE ASSIGNOR(S)**, in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign the following rights to the ASSIGNEE, its successors and assigns:

- the full and exclusive right to the invention;
- the entire right, title and interest in and to the PATENT RIGHTS; and,
- the right to claim priority under 35 USC §119, 35 USC §120, or any other applicable provisions, based on any earlier patent applications for this invention.

**AS TO ALL U.S. PATENT APPLICATIONS** assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

**FURTHER, THE ASSIGNOR(S) AGREE(S)** to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

**THE ASSIGNOR(S) AUTHORIZE** any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Toshio TAKAGI                      Toshio Takagi                      Oct. 3 2002  
Name of first inventor                      Signature                      Date

\_\_\_\_\_  
Name of second inventor                      Signature                      Date