U.S. DEPARTMENT OF COMMERCE

**HEET** 

Patent and Trademark Office Docket No. 299002053300

101939437

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): n-21-01 2. Name and address of receiving party(ies): Norikatsu KOIDE Name: Sharp Kabushiki Kaisha ■ Individual(s) □ Association Internal Address: 22-22 Nagaike-cho ☐ Limited Partnership ☐ General Partnership Street Address: 22-22 Nagaike-cho ☐ Corporation-State □ Other City: Abeno-Ku, State: Osaka ZIP: 545-8522 JAPAN Additional name(s) of conveying party(ies) attached? □Yes ■No Nature of conveyance: Additional name(s) & address(es) attached? 

Yes 

No ■ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: Execution Date: November 12, 2001 10,032086 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: November 12, 2001 A. Patent Application No.(s) Patent No.(s) Additional numbers attached? 

Yes 

No Name and address of party to whom correspondence concerning Total number of applications and patents involved: 1 6. document should be mailed: 7. Total fee (37 C.F.R. § 3.41): \$40.00 Thomas E. Ciotti Morrison & Foerster LLP Enclosed 755 Page Mill Road Authorized to be charged to deposit account, referencing Palo Alto, California 94304-1018 Attorney Docket 299002053700 8. Deposit account number: 03-1952 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952 DO NOT USE THIS SPACE 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. Thomas E. Ciatti Dec. 20 2001 Name: Thomas E. Ciotti Registration No. 21,013 Total number of pages comprising cover sheet, attachments and document: 3 01/d9/2002 ANWED1 00000038 031952 10032086 40.00 CH 01 #C:581 Mail decuments to be recorded with required cover sheet information to: U.S. Patent and Trademark Office Office of Public Records **Box Assignments** Crystal Gateway 4, Room 335 Washington, D.C. 20231

pa-653390

PATENT REEL: 012425 FRAME: 0673

## **ASSIGNMENT**

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Norikatsu KOIDE; Raporutenri 312, 2613-1, Ichinomotocho, Tenri-shi, Nara Japan

has invented and owns a certain invention entitled:

SEMICONDUCTOR LIGHT EMITTING DEVICE

AND METHOD FOR PRODUCING THE SAME

for which application for Letters Patent of the United States was executed on even date herewith, and

WHEREAS, the ASSIGNEE:

SHARP KABUSHIKI KAISHA

22-22, Nagaikecho, Abeno-ku, Osaka 545-8522 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale:

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same

Page 1 of 2

PATENT REEL: 012425 FRAME: 0674

in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 12th day of November . 2001.

1. Morihatru Kvide

(Norikatsu KOIDE)

Page 2 of 2

RECORDED: 12/21/2001