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PATENT TRADEMARK AND  
 COPYRIGHT CAUSES

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08-12-1998



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 WASHINGTON, D.C. 20231

8.5.98

BOX ASSIGNMENT

Att'y Dkt. No. OGAKI 3539.01

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. §§ 3.28 AND 3.31

Please record the attached original document(s) or copy(ies) thereof.

1. Name of parties conveying the interest:

Mitsuhiko OGIHARA  
 Yukio NAKAMURA

Masumi TANINAKA  
 Takatoku SHIMIZU

2. Name and address of party receiving the interest:

OKI Electric Industry Co., Ltd.  
 7-12, Toranomom 1-chome  
 Minato-ku, Tokyo, Japan

3. Description of the interest conveyed or transaction to be recorded:

☒ Assignment      ☐ Other:

4. Application Number: 09/093,609

5. Address correspondence concerning this request to: SPENCER & FRANK  
 Suite 300 East, 1100 New York Avenue, N.W., Washington, D.C. 20005-3955

6. Number of Applications, Patents or Registrations and total fee:

Patents: 1 patent rights @ \$40 ..... Total: \$ 40.00 <sup>e</sup>

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If the fee(s) have been inadvertently omitted, or if a greater or lesser fee is required, please charge or credit our Deposit Account No. 19-3700, and notify us accordingly.

7. Date of execution of document: July 24, 1998.

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

10. Date: August 5, 1998

*Robert J. Frank*

Robert J. Frank  
 Registration No. 19,112  
 PATENT

REEL: 9370 FRAME: 0795

ASSIGNMENT  
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket

WHEREAS Mitsuhiko OGIHARA, Yukio NAKAMURA, Masumi TANINAKA and Takatoku SHIMIZU

hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to "LIGHT EMITTING SEMICONDUCTOR DEVICE AND LIGHT EMITTING SEMICONDUCTOR DEVICE ARRAY"

for which said assignor has caused an application for United States Letters Patent to be prepared;

[ ] 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;

[X] said application having been filed in the United States Patent and Trademark Office on June 9, 1998, Serial Number [if known] 09/093,609;

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

AND WHEREAS Oki Electric Industry Co., Ltd. of 7-12, Toranomon 1-chome, Minato-ku, Tokyo, 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 entire 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, 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.

EXECUTED, this 24th day of July, 1998.

WITNESSES: \_\_\_\_\_ ASSIGNOR:

Signature: Isao Watanabe

Name: Isao WATANABE

Address: c/o Oki Electric Industry Co., Ltd.

7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan

Signature: Mitsuhiko Ogihara

Name: Mitsuhiko OGIHARA

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

SPENCER & FRANK  
Washington, D.C.

Title: "LIGHT EMITTING SEMICONDUCTOR DEVICE AND LIGHT EMITTING  
SEMICONDUCTOR DEVICE ARRAY"

EXECUTED, this 24th day of July, 1998.

WITNESSES:

Signature: Isao Watanabe

Name: Isao WATANABE

Address: c/o Oki Electric Industry Co., Ltd.  
7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan

Signature: Isao W.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

ASSIGNOR:

Signature: Yukio Nakamura

Name: Yukio NAKAMURA

EXECUTED, this 24th day of July, 1998.

WITNESSES:

Signature: Isao Watanabe

Name: Isao WATANABE

Address: c/o Oki Electric Industry Co., Ltd.  
7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

ASSIGNOR:

Signature: Masumi Taninaka

Name: Masumi TANINAKA

EXECUTED, this 24th day of July, 1998.

WITNESSES:

Signature: Isao Watanabe

Name: Isao WATANABE

Address: c/o Oki Electric Industry Co., Ltd.  
7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

ASSIGNOR:

Signature: Takatoku Shimizu

Name: Takatoku SHIMIZU