

10-10-2003



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Atty Docket: 32014-193441

22366 U.S. PTO 10/673441



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

1. Name of conveying party(ies): Naoki MINATO Satoko KUTSUZAWA Saeko OSHIBA

9-30-03

2. Name and address of receiving party(ies)

Name: Oki Electric Industry Co., Ltd.

Internal Address:

Additional name of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment, Merger, Security Agreement, Change of Name, Other

Street Address: 7-12, Toranomom 1-chome, Minato-ku

City: Tokyo State/Country: Japan

Zip:

Execution Date: September 19, 2003; September 19, 2003; and September 19, 2003, respectively.

Additional Name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application by the first named inventor is: September 19, 2003.

A. Patent Application No.(s)

B. Patent No.(s)

10/03/2003 AAD0F01 00000035 10673441

40.00 OP

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning this document should be mailed:

26694

PATENT TRADEMARK OFFICE

Name: VENABLE LLP

Address: 575 7th Street, NW

City: Washington State: D.C. Zip: 20004-1601

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00

- Enclosed, Authorized to be charged to deposit account

8. Deposit account number:

22-0261

(Attach duplicate copy of this page if paying by deposit account)

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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.

James R. Burdett Reg. No. 31,594 Name of Person Signing

Signature

September 30, 2003 Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231



PC Docs No. 487569

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

**WHEREAS** Naoki MINATO, Satoko KUTSUZAWA and Saeko OSHIBA

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to OPTICAL TRANSMITTER, OPTICAL RECEIVER AND OPTICAL TRANSMISSION SYSTEM USING 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 my attorneys, **George H. Spencer, Robert J. Frank, Norman N. Kunitz, Gabor J. Kelemen, John W. Schneller, Marina V. Schneller, Robert Kinberg, Allen Wood, Ashley J. Wells, Richard D. Schmidt, James R. Burdett, Michael A. Gollin, Leo J. Jennings, Catherine M. Voorhees, Gary L. Shaffer, G. Abe Zachariah, Julie A. Petruzzelli, Catherine A. Ferguson, Michael A. Sartori, Fei-Fei Chao, Charles C. P. Rories and Jeffrey W. Gluck**, of VENABLE, Post Office Box 34385, Washington, D.C. 20043-9998, to insert here in parentheses ( ) 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 Electric Industry Co., Ltd.

of 7-12, Toranomom 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 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.

EXECUTED, September 19, 2008

**WITNESS:**

**ASSIGNOR:**

Signature: *Satoko Kutsuzawa*

Signature: *Naoki Minato*

Name: Naoki MINATO

**VENABLE**

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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EXECUTED, September 19, 2003

WITNESS:

ASSIGNOR:

Signature: Masayuki Kashiwagi

Signature: Satoko KITSUZAWA

Name: Satoko KITSUZAWA

EXECUTED, September 19, 2003

WITNESS:

ASSIGNOR:

Signature: Masayuki Kashiwagi

Signature: Saeko Oshiba

Name: Saeko OSHIBA

EXECUTED, \_\_\_\_\_

WITNESS:

ASSIGNOR:

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

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

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

VENABLE