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Trademark Office



RECORDATION FOR
PATENTS 103535875

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Hideaki OKAYAMA

2. Name and address of receiving party(ies)

Name: Oki Electric Industry Co., Ltd.

Internal Address:

Street Address: 3-16-11, Nishi Shimbashi

City: Minato-ku

State: Tokyo

Country: Japan

Zip: 105-8460

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 18, 2008

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Moss & Burke, PLLC

Internal Address:

Street Address: 401 Holland Ln, Suite 407

City: Alexandria

State: VA

Zip: 22314

Phone Number: 703-838-8013

Fax Number: 703-838-8014

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 504665

Authorized User Name Moss & Burke, PLLC

9. Signature:

Signature

2008-10-4
Date

Margret A. Burke
Name of Person Signing

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

2

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

11/19/2008 DBYRNE 00000046 504665 12289866

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hideaki OKAYAMA
 hereinafter referred to collectively as the assignor, has invented a certain improvement
 relating to OPTICAL BUFFER DEVICE
 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 the practitioners associated with the
CUSTOMER NUMBER 79883, Moss & Burke, PLLC, 401 Holland Ln, Suite 407, Alexandria, VA 22314, to
 insert here in parentheses (Application Serial No. _____) 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 3-16-11, Nishi Shimbashi, 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.

AND Assignors hereby grant the following individuals 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 and Trademark Office for recordation of this document:

MOSS & BURKE, PLLC

All practitioners at Customer Number 79883

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the
 invention was made.

EXECUTED, October 18, 2008

WITNESS:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]
 Name: Hideaki OKAYAMA

MOSS & BURKE, PLLC

PATENT