

02-05-2007

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office

and documents or the new address(es) below.

1. Name of conveying party(ies):

Masayuki Kashima (1/30/2007) and Hideyuki Iwamura (1/30/2007)

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

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

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

2. Name and address of receiving party(ies)

Name: Oki Electric Industry Co., Ltd.

Internal Address:

Street Address:

7-12, Toranomom 1-chome, Minato-ku
Tokyo
JAPAN

City:

State:

Country: Zip:

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)

This application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James R. Burdett
VENABLE LLP

Internal Address: Atty. Dkt.: 32011-240804

Street Address: P.O. Box 34385

City: Washington

State: DC Zip: 20043-9998

Phone Number: (202) 344-4893

Fax Number: (202) 344-8300

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 by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 22-0261
Authorized User Name James R. Burdett

9. Signature:

Signature

James R. Burdett - 31,594

Name of Person Signing

January 31, 2007

Date

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

☐

02/02/2007 MJAMA1 00000026 220261 11700008

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**WHEREAS Masayuki KASHIMA and Hideyuki IWAMURA**

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to **"Optical Access Network System"**

[X] 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 (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 7-12, Toranomon 1-chome, Minato-ku, Tokyo 105-8460, 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, Jan. 30, 2007

WITNESS:**ASSIGNOR:**Signature: Hideaki ImaiSignature: Masayuki KashimaName: Masayuki KASHIMA**VENABLE****PATENT****REEL: 018864 FRAME: 0729**

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, Jan, 30, 2007

WITNESS:

ASSIGNOR:

Signature: Hideaki Imai

Signature: Hideyuki Iwamura

Name: Hideyuki IWAMURA

EXECUTED, _____

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

EXECUTED, _____

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

VENABLE