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To

Trademark Office. Please record the attached documents or the new address(es) below

1. Name of conveying party(ies):

Naoki MINATO

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

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

Execution Date(s) December 22, 2010

- ☒ 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: _____

3-16-11, Nishi Shimbashi, Minato-kuCity: Tokyo

State: _____

Country: JAPAN Zip: 105-8460Additional 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)

PASSIVE OPTICAL COMMUNICATION
NETWORK SYSTEM EXTENDABLE WITH
CODEC MODULES

Additional numbers attached?

☐ Yes ☒ No

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

Name Steven M. Rabin
RABIN & BERDO, PCInternal Address Atty Dkt - KAT-358
Street Address 1101 14th St., NW
Suite 500City Washington
State DC Zip. 20005
Phone Number (202) 371-8976
Fax Number (202) 408-0924
Email Address firm@rabinberdo.com

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 _____

Authorized User Name _____

9. Signature:

Signature

February 11, 2011

Date

Steven M. Rabin - 29,102

Name of Person Signing

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

2

FEE ENCLOSED: \$ 40.00
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02/14/2011 SMOHAMME 00000002 12929731

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40.00 OP

PATENT
REEL: 025822 FRAME: 0481

Attorney Reference _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Naoki MINATO

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to PASSIVE OPTICAL COMMUNICATION NETWORK SYSTEM EXTENDABLE WITH CODEC MODULES

☒ 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 23995, 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, 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.

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:

Rabin & Berdo, PC

All practitioners at Customer Number 23995.

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

EXECUTED, December 22, 2010

WITNESS:

ASSIGNOR:

Signature: Kensuke SasakiSignature: Naoki MinatoName: Naoki MINATO

Rabin & Berdo, PC

PATENT

RECORDED: 02/11/2011

REEL: 025822 FRAME: 0482