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Docket No.: 062807-0436



EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Director of the U. S. Patent

ached documents or the new address(es) below.

1. Name of Conveying Party(ies)

Tohru KAZAWA, Masaki OHIRA, Yusuke YAJIMA

2. Name and address of receiving party(ies)

Name: HITACHI COMMUNICATION
TECHNOLOGIES, LTD.

Internal Address:

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

Address: 26-3, Minami Ooi 6-chome, Shinagawa-ku,
Tokyo, Japan

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): May 18, 2007

- ☒ 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):

A. Patent Application No(s).

☒ This document is being filed together with a new application

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

6. Total number of applications and patents involved: 1

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

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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)nt

8. Payment Information:

- a. Credit Card Last 4 Numbers _____
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b. Deposit Account Number 500417
Authorized User Name _____

9. Signature.

Keith E. George, 34,111

May 30, 2007

Name and Registration No. of Person Signing

Signature

Date

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

OMB No. 0651-0027 (exp. 6/30/2008)

PATENT
REEL: 019408 FRAME: 0928

06/06/2007 DBYRNE 00000096 500417 11806130

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ASSIGNMENT

(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Communication Technologies,Ltd.
a corporation organized under the laws of Japan,
located at 26-3, Minami Ooi 6-chome, Shinagawa-ku, Tokyo, Japan,
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Communication Technologies,Ltd.
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

PASSIVE OPTICAL NETWORK SYSTEM AND OPERATING METHOD THEREOF

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,
to be held and enjoyed by said Hitachi Communication Technologies,Ltd.
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Communication Technologies,Ltd.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1)	<u>Tohru KAZAWA</u>	<u>May. 18, 2007</u>
2)	<u>Masaki OHIRA</u>	<u>May. 18, 2007</u>
3)	<u>Yusuke YAJIMA</u>	<u>May. 18, 2007</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

PATENT

RECORDED: 05/30/2007

REEL: 019408 FRAME: 0929