



PATENTS (

103591099

©2005 Staas & Halsey LLP

To the Director of the U.S. Patent and Trademark Office: Please record the attached document.

1. Name of conveying party(ies):

- 1) Yukito TSUNODA
- 2) Satoshi IDE
- 3) Kazuyuki MORI

2. Name and Address of receiving party(ies):

FUJITSU OPTICAL COMPONENTS LIMITED

1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8588 Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date(s): 1) 2) February 2, 2010; 3) February 3, 2010

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

126590 83

- ☒ This document is being filed together with a new application.
☐ This document is being filed after filing of the application:

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

STAAS & HALSEY LLP
Attention: John C. Garvey
1201 New York Ave., N.W., Suite 700
Washington, D.C. 20005

Our Docket: 2223.10016. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

- ☒ Enclosed
☐ Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)(Attach duplicate copy of this page if paying by deposit account)

John C. Garvey, Reg. No. 28,607
Name of Person Signing

Signature

February 24, 2010
Date

Total number of pages including cover sheet:

DO NOT USE THIS SPACE

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU OPTICAL COMPONENTS LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

OPTICAL COMMUNICATION APPARATUS AND OPTICAL COMMUNICATION METHOD

relating to International Patent Application PCT/JP 2007/069306 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____;

(Insert date of execution of application, if not concurrent)

(b) filed on _____;

Serial No. ____/_____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Yukito Tsunoda</u> (Signature)	<u>Yukito TSUNODA</u> (Type Name)	<u>Feb. 2, 2010</u> (Date)
2) <u>Satoshi Ide</u> (Signature)	<u>Satoshi IDE</u> (Type Name)	<u>Feb. 2, 2010</u> (Date)
3) <u>Kazuyuki Mori</u> (Signature)	<u>Kazuyuki MORI</u> (Type Name)	<u>Feb. 3, 2010</u> (Date)