

07-23-2001

FORM PTO-1595



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- 7-17-01
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 - (1) Kentaro NAKAMURA
 - (2) Takafumi TERAHARA
 - (3) Junichi KUMASAKO
 - (4) Rainer HAINBERGER
 2. Name and Address of receiving party(ies):

FUJITSU LIMITED
1-1, Kamikodanaka 4-chome
Nakahara-ku, Kawasaki-shi
Kanagawa 211-8588, Japan
 3. Nature of conveyance:

<input type="checkbox"/> Assignment	<input type="checkbox"/> Merger
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Execution Date(s): February 23, 2001
 4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application:

 - (a) The execution date(s) of the application is/are:
 - (b) The title is:

*** OR ***

☒ This document is being filed after filing of the application:

 - (a) Patent Application No(s). 09/800,891, filed March 8, 2001; or
 - (b) Patent No(s). , issued .
 5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS & HALSEY LLP
Attention: James D. Halsey, Jr.
700 Eleventh Street, N.W., Suite 500
Washington, D.C. 20001

Our Docket: 826.1695
 6. Total number of applications and patents involved: 1
 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment)

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☐ Authorized to be charged to deposit account.

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 8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
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PATENT
REEL: 012005 FRAME: 0321

To the Honorable Commissioner of Patents and

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all documents or copy thereof.

1. Name of conveying party(ies):

(1) Kentaro NAKAMURA (2) Takafumi TERAHARA (3) Junichi KUMASAKO
(4) Rainer HAINBERGER

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

FUJITSU LIMITED
1-1, Kamikodanaka 4-chome, Nakahara-ku
Kawasaki, 211-8588 JAPAN

3/08/01

3. Nature of conveyance:

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

Execution Date(s): February 23, 2001 (all parties)

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

This document is being filed together with a new application:

- (a) The execution date(s) of the application is/are: February 23, 2001 (all parties)
(b) The title is: BIDIRECTIONALLY TRANSMITTABLE OPTICAL WAVELENGTH DIVISION MULTIPLEXED TRANSMISSION SYSTEM
*** OR ***

This document is being filed after filing of the application:

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STAAS & HALSEY LLP
Attention: James D. Halsey, Jr.
700 Eleventh Street, N.W., Suite 500
Washington, D.C. 20001

Our Docket: 826.1695/JDH

6. Total number of applications and patents involved: 1

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

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James D. Halsey, Jr., Reg. No. 22,729

Name of Person Signing

Signature

March 8, 2001

Date

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54H 7/94

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 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)

BIDIRECTIONALLY TRANSMITTABLE OPTICAL WAVELENGTH DIVISION

MULTIPLEXED TRANSMISSION SYSTEM

relating to International Patent Application PCT/JP / 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. /

Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) 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)").

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

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>Kentaro Nakamura</u> Kentaro NAKAMURA	<u>Feb. 23, 2001</u>	<u>Noriko Ikeda</u> Noriko IKEDA
2) <u>Takafumi Terahara</u> Takafumi TERAHARA	<u>Feb. 23, 2001</u>	<u>Noriko Ikeda</u> Noriko IKEDA
3) <u>Junichi Kumasako</u> Junichi KUMASAKO	<u>Feb. 23, 2001</u>	<u>Noriko Ikeda</u> Noriko IKEDA
4) <u>Rainer Hainberger</u> Rainer HAINBERGER	<u>Feb. 23, 2001</u>	<u>Noriko Ikeda</u> Noriko IKEDA
5) _____	_____	_____
6) _____	_____	_____

PATENT

RECORDED: 07/17/2001

REEL: 012005 FRAME: 0323