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102280137

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Atty Docket No.: FUJS 20.083

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Takako TAKANASHI
Futoshi IZUMI

11-5-02

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

September 6, 2002

Execution Date: _____

2. Name and address of receiving party(ies)

Name: Fujitsu Limited

Internal Address: _____

1-1 Kamikodanaka 4-chome

Street Address: _____

Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: _____ September 6, 2002

A. Patent Application No.(s)

10,288,022

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Katten Muchin Zavis Rosenman

Name: _____

IP Department 15th Fl.

Internal Address: _____

575 Madison Avenue

Street Address: _____

New York

New York

10022-2585

City: _____ State: _____ Zip: _____

6. Total number of applications and patents involved: ☒ 1

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



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

50-1290

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian S. Myers

November 6, 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: ☒ 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013473 FRAME: 0018

ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNOR, has made a certain new and useful invention in: WAVELENGTH-DIVISION MULTIPLEX COMMUNICATION SYSTEM AND APPARATUS

for which

(check one) ☒ an application is being filed concurrently herewith,
☐ an application for a Patent of the United States was filed on _____
and given Application Serial No. _____

and WHEREAS, FUJITSU LIMITED, having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor Takako TAKANASHI
Inventor's Signature Takako Takanashi Date Sep 6 2002
Residence Kawasaki, Japan Citizenship Japanese
Post Office Address c/o FUJITSU LIMITED
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

Full name of second joint inventor, if any Futoshi IZUMI
 Second Inventor's Signature *Futoshi Izumi* Date Sep. 6, 2002
 Residence Kawasaki, Japan Citizenship Japanese
 Post Office Address c/o FUJITSU LIMITED
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

Full name of third joint inventor, if any _____
 Third Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
 Post Office Address _____

Full name of fourth joint inventor, if any _____
 Fourth Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
 Post Office Address _____

Full name of fifth joint inventor, if any _____
 Fifth Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
 Post Office Address _____

Full name of sixth joint inventor, if any _____
 Sixth Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
 Post Office Address _____

Full name of seventh joint inventor, if any _____
 Seventh Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
 Post Office Address _____

Full name of eighth joint inventor, if any _____
 Eighth Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
 Post Office Address _____