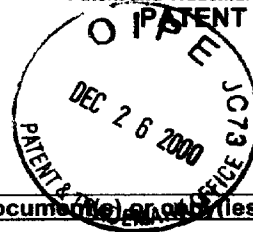


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Correction of PTO Error
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Assignment Security Agreement

License Change of Name

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Conveying Party(ies) Mark if additional names of conveying parties attached

Name (line 1) Tetsuya NISHI Execution Date: 9 1 00

Name (line 2) _____

Second Party

Name (line 1) Satoshi KUROYANAGI Execution Date: 9 1 00

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Address (line 2) Kawasaki-shi,

Address (line 3) Kanagawa Japan 211-8588
City State/Country Zip Code

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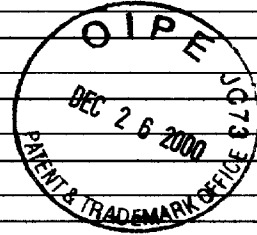
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Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

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Samson Helfgott

12/21/00

Name of Person Signing

Signature

Date

10-16-2000



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1997 U.S. PTO
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Reel # _____ Frame # _____

Conveyance Type

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Conveying Party(ies)

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Name (line 1) **Tetsuya NISHI**

Execution Date
Month Day Year
9/1/00

Name (line 2) _____

Second Party

Name (line 1) _____

Execution Date
Month Day Year

Name (line 2) _____

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Name (line 1) **FUJITSU LIMITED**

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Address (line 1) **1-1, Kamikodanaka 4-chome, Nakahara-ku,**

10/12/2000 MPEOPLES 00000020-09671028
04 FC:361

Address (line 2) **Kawasaki-shi,**

Address (line 3) **40-00 00 Kanagawa Japan 211-8588**
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

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PATENT
REEL: 011147 FRAME: 0381

PATENT
REEL: 011229 FRAME: 0008

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Name

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Patent Application Number(s)			Patent Number(s)		
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if U.S. Application Number has not been assigned.

PCT PCT PCT

PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

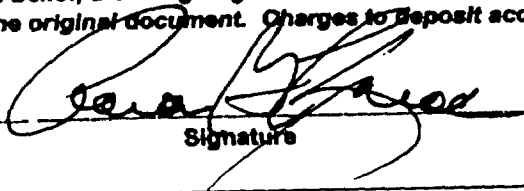
Method of Payment: Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Aaron B. Karas  9/27/00
Name of Person Signing Signature Date

PATENT
REEL: 011147 FRAME: 0382

PATENT
REEL: 011229 FRAME: 0009

UNITED STATES

ASSIGNMENT

Docket No. FUJS 17.782

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : PHOTONIC NODE, PHOTONIC NODES FOR TRANSMISSION AND RECEPTION, AND METHOD OF RESTORING TRAFFIC UPON OCCURRENCE OF LINK FAILURE IN OPTICAL PATH NETWORK
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 Japar., 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 Tetsuya NISHI Date September 1, 2000
Inventor's signature Tetsuya Nishi Citizenship Japanese
Residence Kawasaki, Japan
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 Satoshi KUROYANAGI Date September 1, 2000
Second Inventor's signature Satoshi Kuroyanagi Citizenship Japanese
Residence Kawasaki, Japan
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 _____ Date _____
Third Inventor's signature _____ Citizenship PATENT
Residence _____
Post Office Address _____

RECORDED: 09/27/2000

REEL: 011147 FRAME: 0383