11-09-1998



SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

100872169

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

Name of conveying party(ies):

Hirofumi SHIMOMURA, Seigo TAKAHASHI and Naoya HENMI

Additional name(s) of conveying party(ies) attached? I I Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of Name

[]Other

Execution Date: October 27, 1998

Name and address of receiving party(ies):

Name:

NEC CORPORATION

Street Address: 7-1, Shiba 5-chome Minato-ku Tokyo, Japan



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

If this document is being filed together with a new application, the execution date of the application is: October 27, 1998

A. Patent Application No(s).

B. Patent No(s).

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

YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, VA 22202

Additional numbers attached? [] Yes [X] No

6. Total number of applications and patents involved:

One

7. Total fee (37 CFR 3.41)......\$ 40 [X] Enclosed

[] Authorized to be charged to deposit

account

8. Deposit Account No. 25-0120

(Attach duplicate copy of this page if paying by deposit ac-

count)

00000004 09181620 11/04/1998 SPAYNE

04 FC:581

40.00 DP

DO NOT USE THIS SPACE

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.

Lauren Terry Name of Person Signing

28,

Total number of pages including cover sheet: [2]

PATENT REEL: 9561 FRAME: 0215

ASSICNMENI

Hirofumi SHIMOMURA, Seigo TAKAHASHI and

WHEREAS, Naova HENMI of Tokyo, Japan hereafter referred to as applicants, have invented certain new and useful improvements in OPTICAL SWITCH, OPTICAL AMPLIFIER AND OPTICAL POWER CONTROLLER AS WELL AS OPTICAL ADD-DROP MULTIPLEXER (a) for which an application for a United States Patent was filed on , Application No. _____, (b) for which an application for a United States Patent was executed on October 27, 1998 WHEREAS, NEC CORPORATION, of 7-1, Shiba 5-chome, Minatoku, Tokyo, Japan, hereinafter referred to as "assignee" is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, we, the applicants, by these presents do_sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. We hereby authorize and request the Commissioner of Patents & Trademarks to issue said United States Patent to said assignee, of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by <u>us</u> had this assignment and sale not been made. Date: October 27, 1998 ofumi SHIMOMURA Date: October 27, 1998 Takahashi Date: October 27, 1998

Magain beards

RECORDED: 10/28/1998

PATENT REEL: 9561 FRAME: 0216