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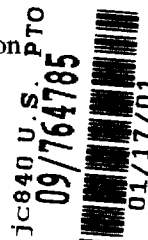
1. 17.01

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

1. Name of conveying party(ies): Yoshito Shuto, Michiyuki Amano, Kenji Yokoyama, Takeshi Kurosaki, Takashi Tadokoro, Makoto Nakamura, Masanobu, Okayasu, Noboru Ishihara, Shin Sumida, Shunichi Tohno

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

Name: Nippon Telegraph and Telephone Corporation  
Address: 3-1, Otemachi 2-chome, Chiyoda-Ku  
Tokyo 100-8116, JAPAN



Additional name(s) of conveying party(ies) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution date(s) of each conveying party:  
January 9, 2001 - as to each

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

09/764785

4(a). Patent Application No.(s): Filed Concurrently Herewith

Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is: January 9, 2001

Additional numbers attached?  Yes  No

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

Name: Roger T. Frost  
Address: KILPATRICK STOCKTON LLP  
2400 Monarch Tower  
3424 Peachtree Road, N.E.  
Atlanta, Georgia 30326

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41) enclosed: \$ 40.00

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8. Statement and signature.

EXPRESS MAIL LABEL NO: EL397829462US

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.

Roger T. Frost

Date: January 17, 2001

Signature

Attorney Docket No. 44471-252117 (13700)

Total number of pages including cover sheet: 3

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

Commissioner of Patents & Trademarks  
Box Assignments  
Washington, DC 20231

**ASSIGNMENT**

The undersigned Inventor(s), Yoshito SHUTO, Michiyuki AMANO, Kenji YOKOYAMA, Takeshi KUROSAKI, Takashi TADOKORO, Makoto NAKAMURA, Masanobu OKAYASU, Noboru ISHIHARA, Shin SUMIDA and Shunichi TOHNO

in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does (do) hereby sell, transfer, and assign to the Assignee, NIPPON TELEGRAPH AND TELEPHONE CORPORATION

, a corporation organized and existing under the laws of Japan, and having a place of business at 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116, Japan

, the full, exclusive, and entire right, title, and interest for the territory of the United States of America, in and to the invention entitled

OPTICAL MODULE USING WIRING LEAD INTEGRATED RESIN SUBSTRATE

as described and claimed in the application for Letters Patent executed by me (us) on the \_\_\_ day of \_\_\_\_\_, 20\_\_; and the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof; and I(we) hereby request the Commissioner of Patents and Trademarks of the United States of America to issue said Letters Patent to the Assignee, for its interest, for the sole use of the Assignee and its successors, assigns and legal representatives, as fully and entirely as the same would have been held by me (us) had this assignment not been made;

AND, for the same consideration, I (we) agree to sign all lawful papers, execute all division, continuing, reexamination, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to the Assignee, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in the United States of America.

I (we) hereby authorize and request my (our) attorney, Roger T. Frost, Reg. No. 22,176, to insert here in parentheses the application number (App. No. \_\_\_\_\_) and filing date (January 17, 2001) of the aforesaid application when known.

Date Signed: January 9, 2001

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(Inventor) Yoshito SHUTO

Date Signed: January 9, 2001

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(Inventor) Michiyuki AMANO

Date Signed: January 9, 2001

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