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<p>1. Name of conveying party(ies): Yoshiharu Maeno</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>NEC Corporation</u></p> <p>Internal Address: _____</p> <p>Street Address: 7-1, Shiba 5-chome, Minato-ku, Tokyo Japan</p> <p>City: _____</p> <p>State: _____ Zip: _____</p> <p>Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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10/053560
01/24/02

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

If this document is being filed together with a new application, the execution date of the new application is: January 22, 2002

A. Patent Application No.(s): _____

B. Patent No.(s): _____

Additional numbers attached? Yes No

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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Stephen A. Soffen DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP</p> <p>Internal Address: Atty. Dkt.: G7930.0001/P001</p> <p>Street Address: 2101 L Street NW</p> <p>City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037-1526</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>04-1073</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Stephen A. Soffen (31,063) *Stephen A. Soffen* January 24, 2002
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 2

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WN-2939
2001-15/68

PATENT APPLICATION ASSIGNMENT -
SOLE OR JOINT INVENTORS
EXECUTED OUTSIDE U.S.A.

OFPS FILE NO. _____

WHEREAS, I (We), YOSHIHARU MAENO of Tokyo, Japan

_____ as assignor(s),
have invented certain improvements in COMMUNICATION NETWORK, WAVELENGTH DIVISION MULTIPLEX
TRANSMISSION EQUIPMENT, OPTICAL SWITCH EQUIPMENT, AND OPTICAL ATTRIBUTE/STATE
ADMINISTERING METHOD FOR THEM
for which an application for United States
Letters Patent has been executed by me (us), of even date herewith; and

WHEREAS, NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

_____ as assignee, is desirous of acquiring all right, title and interest in and to said
invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
valuable consideration, the receipt of which is hereby acknowledged, I (We), as
assignor(s), hereby sell, assign and set over to said assignee the entire right, title and
interest for the United States and all other countries in and to said invention and the
aforesaid application for Patent, all original, divisional, continuation, substitute or
reissue applications and patents applied for or granted therefor in the United States and
all other countries, including all rights of priority from the filing of said application,
and all rights for past infringement, and the Commissioner of Patents and Trademarks is
hereby authorized and requested to issue all patents on said inventions or resulting
therefrom to said assignee herein, as assignee of the entire interest therein; and the
undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns
do hereby agree and covenant without further remuneration, to execute and deliver all
divisional, continuation, reissue and other applications for Patent on said inventions and
all assignments thereof to said assignee or its assigns, to communicate to said assignee
or its representatives all facts known to the undersigned respecting said inventions,
whenever requested, to testify in any interferences or other legal proceedings in which
any of said applications or patents may become involved, to sign all lawful papers, make
all rightful oaths, and to do generally everything necessary to assist assignee, its
successors, assigns and nominees to obtain patent protection for said invention in the
United States and all other countries, the expenses incident to said applications to be
borne and paid by said assignee.

Date: January 22, 2002

Yoshiharu Maeno



YOSHIHARU MAENO

Witness:

Sumitake Watanabe
[Signature]