

02-10-1999

Docket No.: 12379

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp.4/94)
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P08A/REV02

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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Tab settings

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

1. Name of conveying party(ies):
Satoshi Ishii
WED
1-27-99

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: NEC Corporation
Address: 7-1, Shiba 5-chome
Minato-ku
City: Tokyo State/Prov.: _____
Country: Japan ZIP: _____

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

JCS51 U.S. PTO
09/23/94
01/27/99

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 25, 1999

4. Application number(s) or registration numbers(s): 09 / 238,094

If this document is being filed together with a new application, the execution date of the application is: January 25, 1999

Patent Application No.	Filing date	B. Patent No.(s)

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Paul J. Esatto, Jr.
Registration No. 30,749
Address: SCULLY, SCOTT, MURPHY & PRESSER
400 Garden City Plaza
City: Garden City State/Prov.: NY
Country: USA ZIP: 11530

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
19-1013/SSMP
40.00 EP

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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.

Paul J. Esatto, Jr. *[Signature]* January 27, 1999

Name of Person Signing Signature

Total number of pages including cover sheet, attachments, and 3

02/13/1999 WILLIAMS 00000061 09238094 02 FEB 1999

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned,

SATOSHI ISHII

Hereby sell, assign and transfer to NEC Corporation

a corporation

of Japan *having a place of business at*

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned

on January 25, 1999 *and is entitled*

OPTICAL GAIN EQUALIZATION UNIT, OPTICAL GAIN EQUALIZATION METHOD, AND
OPTICAL FIBER TRANSMISSION LINE

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent for said improvements, or any of them; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any

and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: January 25, 1999

Satoshi Ishii (L.S.)
SATOSHI ISHII

Witness: Tadayoshi Tanigawa
[Signature]

Date: _____ (L.S.)

Witness: _____

Date: _____ (L.S.)

Witness: _____

Date: _____ (L.S.)

Witness: _____
