	12-01-1998 Decket No.: 11600
FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02	Patent and Trademark Office
Tab settings 🔶 🍝 🗶 🛛 🔍	100911663 🔹 🔻 🔻
	rademarks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Makoto Nishio Naoya Henmi	2. Name and address of receiving party(ies): Name: <u>NEC Corporation</u> Address: <u>7-1, Shiba 5-chome</u>
Additional names(s) of conveying party(ies)	s 🛛 No Minato-ku
3. Nature of conveyance:	
🛛 Assignment 🛛 Merger	
Security Agreement Change	of Name City: <u>Tokyo</u> State/Prov.:
Other	Country: Japan ZIP:
Execution Date: <u>November 6, 1998</u>	Additional name(s) & address(es)
09/126,248 July 30, 1998	
5. Name and address of party to whom correspond concerning document should be mailed:	ional numbers Yes No ence 6. Total number of applications and patents involved: 1
Name: Paul J. Esatto, Jr.	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 30,749	Enclosed - Any excess or insufficiency should be
Address: SCULLY, SCOTT, MURPHY & PRE	availated or debited to depend account
400 Garden City Plaza	Authorized to be charged to deposit account
City: Garden City State/Prov.: Country: U.S.A. ZIP: 11530	8. Deposit account number: <u>19-1013/SSMP</u>
	DO NOT USE THIS SPACE
1/27/1998 JWATKINS 00000137 09126248 1 \$5:\$355tement and signature. 40.00 09 To the best of my knowledge and belief, the fore of the original document.	going information is true and correct and any attached copy is a true copy
Paul J. Esatto, Jr.	//////November 17, 1998
Name of Person Signing	Signature Dages including cover sheet, attachments, and
	PATENT REEL: 9603 FRAME: 0190

Assignment

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

MAKOTO NISHIO of Tokyo, Japan and NAOYA HENMI of Tokyo, Japan

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 November 6, 1998 and is entitled OPTICAL COMMUNICATION NETWORK NODE

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

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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

Concenant 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.

	Makoto nishio	(L.S.)
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RECORDED: 11/23/1998

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