Docket No.: 11511

REEL: 9248 FRAME: 0371

ORM PTO-1595 (Modified) RI ev. 6-93)	06-23-1998		U.S. DEPARTMENT OF COMMERCE		
MB No. 0651-0011 (exp. 4/94) opyright 1996-97 LegalStar 08A/REV02	t të killi treti desu dë m seen er			Patent an	d Trademark Office
Tab settings → → → ▼				•	▼
To the Honorable Commissioner of Patents	10074		iched original de		copy thereof.
Name of conveying party(ies): Junichi Kumata		Name and address of receiving party(ies):			
Junem Rumata		Name: NEC Corp	oration		2.5
	į	Address: 7-1, Shiba 5-chome, Minato-ku			
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Additional names(s) of conveying party(ies) attached?					
i. Nature of conveyance: $MD6-11-9$	8				
★ Assignment					
☐ Security Agreement ☐ Change of	of Name	City: Tokyo		State/Prov	
Other		Country: Japan		ZIP:	
Execution Date: June 10, 1998		Additional name(s) & addr	ess(es) attached?	□ Yes	⊠ No
. Application number(s) or registration numbers(s)):				
If this document is being filed together with a ne	w application,	he execution date of	the application	is: June 10	. 1998
Patent Application No. Filing date	1	B. Patent No			, 1220
•		2.7 4.6.1.1.0	.(0)		
09/096446					
Additi	ional numbers attac	hed? 🗌 Yes 🔀 No			
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		6. Total number of applications and patents involved:			
		7. Total fee (37 CFR 3.41):\$ 40.00			
		★ Enclosed - Any excess or insufficiency should be credited or debited to deposit account			
City: Garden City State/Prov.: NY		8. Deposit account number:			
		19-1013			
Country: USA ZIP: 11530					
1871998 PSTANBAS 00000025 09096446	DO NOT US	THIS SPACE			
To the best of my knowledge and belief, the fore of the original document. William C. Roch Reg. No.: 24,972	going informati	on is true and correc	1	ned copy is a	a true copy
Name of Person Signing	witho	Signature		e 11, 1998 Date	
	iges including cover	sheet, attachments, and d	ocument:ATEI	T	

Marie Marie and an

Assignment

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

Junichi KUMATA of Tokyo, Japan

Hereby soll, assign and transfer to NEC Corporation

a corporation

of Japan

having a place of business at

7-1, Shiba S-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

an June 10, 1998

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Add-Drop Multiplexer of Duplicated Configuration Having Increased Transport Capacity 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 potents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignes, 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.

	_ Junichi Kungta	<u>(</u>) (L.S.)
Date: June 10, 1998	Junichi KUMATA	(2.5.)
Witness: Taday hu Janiyar	-	
Date:		(L.S.)
Witness:		
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Date:		(L.S.)
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_		(L.S.)
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Witness:		
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