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KANEKIYO, Tomoyuki KOJIMA, Haruhiko NISHI, Hiroyuki	UN 4	Name: <u>NIPPON</u> Internal Address:		TELEPHONE CORP.	
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Execution Date: May 23, 1995		(Designations must be a separate document from Assignment)			
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08/445,180	Additional numbers attach	ned? 🗌 Yes 🖫 N	lo		
5. Lame and address of party to whom concerning document should be maile	· ·	6. Total number of a patents involved:	pplications and	1	
Name: Timothy C. Meece WITCOFF Address: BANNER & Mondate Cont., LTD. 10 South Wacker Drive Suite 3000 Chicago, Illinois 60606		7. Total fee (37 CFR Enclosed Authorized to	3.41):be charged to depo		
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1. Name of control (ies)	2. Name and addres	ss of receiving party(ies):		
KANEKIYO, Tomoyuki	Name: <u>NIPPON</u>	TELEGRAPH AND TELEGRAPH CORP.		
KOJIMA, Haruhiko NISHI, Hiroyuki	Internal Address:	1-1-6, Uchisaiwaicho		
		Chiyodaku, TOKYO, JAPAN		
	Street Address:			
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Execution Date: May 23, 1995		(Designations must be a separate document from Assignment)		
4. Application number(s) or patent number(s):		,		
If this document is being filed together with a n	aw application, the evecution data of	f the application is:		
If this document is being filed together with a fi				
A. Patent Application No(s). 08/445,180	B. Patent No(s).		
Additiona	l numbers attached? 🗌 Yes 🗱	No		
5. Name and address of party to whom correspor	ndence 6. Total number of a	applications and		
concerning document should be mailed:	patents involved:			
Name: Seymour Rothstein, Esq.				
Address: BANNER & ALLEGRETTI, LTD.	'	3.41): \$ <u>40.00</u>		
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ASSIGNMENT

Case No.: 95,683

Inventors: T.KANEKIYO and H.KOJIMA and H.NISHI
Date of Execution
of Application: May 23, 1995

Serial No.: 08/445,180

H.NISHI
Filing Date: May 19, 1995

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

NIPPON TELEGRAPH AND TELEPHONE CORPORATION 1-1-6, Uchisaiwaicho, Chiyodaku, Tokyo, Japan

its successors and assign, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

METHOD AND SYSTEM FOR PRIVATE COMMUNICATION WITH EFFICIENT USE OF BUS TYPE TRANSMISSION PATH and identified as:

95,683

in the offices of Allegretti & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the entire right, title interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its

July 1994

PATENT REEL: 9211 FRAME: 0540 successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 23thday of _	<u>May</u> , <u>1995</u> .
	Tomoguka Kanekiyo
	Tomoyuki KANEKI40
State of	
County of	
The foregoing instrument was acknowle	
by	
	NOTARY PUBLIC
WITNESS my hand and seal this 23thday of _	May 1995
	Jacob Maria
	Haruhiko KOJIMA
State of	
County of	
The foregoing instrument was acknowle	edged before me this day of
by	
	NOTARY PUBLIC

July 1994

WITNESS my hand and seal this 23th day of	May 1995
	Hroyaki nishi
	Hiroyuki NISHI
State of	
County of	
The foregoing instrument was acknowle	
	NOTARY PUBLIC
WITNESS my hand and seal this day of _	
State of	
County of	
The foregoing instrument was acknowle	edged before me this day of
by	
	NOTARY PUBLIC
WITNESS my hand and seal this day of _	
State of	
County of	
The foregoing instrument was acknowle	_

ALLEGRETTI & WITCOFF, LTD. 10 SOUTH WACKER DRIVE CHICAGO, ILLINOIS 80808 TELEPHONE (312) 715-1000

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July 1994