BOX ASSIGNMENTS			05-10-1999	` <u>EMARKS</u>
To TUE	RECORDATION PATENT APPLICA	TIONS & PATE		
TO THE ASSISTANT COMMISS SIR: PLEASE RECORD THE AT			101033266	
1. NAME OF CONVEYING PART 1. Kohei SHIOMOTO 3.	CIF - CO	2. Naoaki YAMAI 4.		
5. 7.	APR 2 7 1999	6. 8.		• *
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES ATTACHED? TYES NO				
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: NIPPON TELEGRAPH AND TELEPHONE CORPORATION				
ADDRESS: 19-2 Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-8019 Japan				
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐YES ☒NO 3. NATURE OF CONVEYANCE (DOCUMENT):				
(Submit herewith only one do document)	cument for recordation—mult	iple copies of same As	ssignment signed by differe	ent inventors is one
	⊠WHOLE □PART IN		XEC. DATE: 1) March 17, 1 March 23, 1999	1999 and
☐CHANGE OF NAME	ACCURATE TRANSLATION	ON	No.	
SECURITY	MERGER OTHER:	DEWITH (NOTE: IE	DATES ON DECLADATION	N AND
EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1) March 17, 1999 and 2) March 23, 1999				
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐YES ☒NO				
A. PAT. APP. NO.(S) M#sseries code/serial	If not in item 1		(S) M# " " " " " " " " " " " " " " " " " "	1* INVENTOR If not in item 1
09/257,269 258351 5. Name & Address of Party to		6. NUMBER IN	NOLVED:	<u> </u>
Concerning Document Shoul	APPLNS 1		1	
Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 NEW YORK AVENUE, N.W. NINTH FLOOR, EAST TOWER			FEE ENCLOSED: (Code & AL x \$40 = \$40	581)
WASHINGTON, D.C. 20005-391 5.5 ATTY DKT:	18	8. IF ABOVE FE	E IS MISSING OR INADEQU	ATE CHARGE
1		INSUFFICIEN	CY TO DEPOSIT ACCOUNT	NUMBER: 03-3975
PMS 258351	NT46/USA	UNDER ORDER		258351
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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.				
			10. Total number of pages including this	
(1) sh			cover sheet, attachments and document 2 (do not file dup. Cover sheet)	
Signature (do not file dup. Cover sneet)				
Attorney: G. Lloyd Knight				
Reg. No. 17698	***************************************	Date: April 27	7, 1999	
Atty/Sec: GLK/blg TEL: (202) 861-3090 FAX: (202) 822-0944				

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PATENT REEL: 9930 FRAME: 0268 Please return signed/recorded to:

Pillsbury Madison & Sutro LLP Intellectual Property Group Ninth Floor, East Tower 1100 New York Avenue, N.W. Washington, D.C. 20005-3918

USA Patent Appln. Sole or Joint

For Inventions made outside USA executed with or after application

Atty. Dkt. PMS 258351 NT46/USA

M#

Client Ref.

NONPROVISIONAL

NONPROVISIONAL

Name: 5) Name: Name:

RECORDED: 04/27/1999

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit: **INSERT** (1) Kohei SHIOMOTO (2) Naoaki YAMANAKA NAME(S) OF (4)INVENTOR(S) x box if continued on page 2 the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto: INSERT NIPPON TELEGRAPH AND TELEPHONE CORPORATION NAME(S) OF ASSIGNEE(S) 19-2 Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-8019 Japan & ADDRESS(ES) (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as TITLE OF CIRCUIT-SWITCHED NETWORK INVENTION for which the undersigned executed an application for Letters Patents of the United States of America: $NOTE \rightarrow \rightarrow$ even date herewith (Complete (B) on February 25, 1999 line A, B and/or C) (C) in U.S. Appln. No. filed AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. The undersigned hereby authorize(s) Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable $NOTE \rightarrow \rightarrow$ for recordation of this document. 1): Name: 2) Name: Naoaki YAMANAKA 3) Name: 4) Name:

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PATENT REEL: 9930 FRAME: 0269