Form PTO-1595 (Rev. 03/01)	RE(U.S. DEPARTMENT OF CO	OMMER
			U.S. Patent and Trade	mark Of
OMB No. (1651-0027 (exp. 5/31/2002) Tab settings ⇔ ⇔ ⇔ ▼	T	102329630	v v	Vid
	er of Patents and Tr	idemarks: Please record the attach	ed original documents or copy there	eof.
1. Name of conveying party(ies):			ress of receiving party(ies)	
G. Keith Cambron; David I		Name: SBC P	Properties, L.P.	19
Clifford E. Yackle; Richard	D. Hart) Internal Addres	S:	SOL.
12/2	5700	_		
Additional name(s) of conveying party(ies	s) attached? 🖵 Ye			
3. Nature of conveyance:				
🔄 Assignment	🖵 Merger	Street Address	645 E. Plumb Lane	
Security Agreement	🖵 Change of	Name	•	
Other				
9(87)		City: Reno	State:_NVZip	8950
Execution Date: 12-12-02; 12-12-	-02; 12-10-02: 12-	12-02		
		Additional name(s)	& address(es) attached? 🎴 Yes	L. N
4. Application number(s) or pater				
If this document is being filed t	together with a r	ew application, the execution	n date of the application is:	
A. Patent Application No.(s)		B. Patent No.(s	5)	
	Additional r	umbers attached? 📮 Yes 📮 N	0	
5. Name and address of party to whom correspondence concerning document should be mailed: Name:leffrey J. Chapp Internal Address:		ndence 6. Total number of	applications and patents invo	olved: [
		7 Total fee (37 CF	R 3.41)\$_40.00	
			π. σ τ	
		Enclosed		
		A CARL	to be charged to deposit acc	ount
		·····		
- باد - بار ور این این اور اور اور ور ور ور ور اور اور اور اور		8. Deposit accoun	t number:	
Street Address: 28333 Telegrap	h Road			
Ste. 250			50-0476	
		(Attach duplicate co	py of this page if paying by deposit	account
City: Southfield State: MI	Zip:480	34	py of this page is paying by appear	uoooun
	DOI	IOT USE THIS SPACE		
9. Statement and signature.				
To the best of my knowledge a		regoing information is true ar	nd correct and any attached o	сору
is a true copy of the original do	ocument.	All Art.	2 December 23, 2	002
Jeffrey J. Chapp Name of Person Signi	ing	Hand the	December 23, 2	
		uding cover sheet, attachments, an	 ,	
	il documents to be re	corded with required cover sheet info	rmation to:	
	Commissioner	f Patents & Trademarks, Box Assignmen Washington, D.C. 20231	nts	
	\mathbf{i}			
03 TDIAZI 00000101 10328278				
	(qi			
	9			
	q			
	q		PATENT	

ASSIGNMENT OF APPLICATION

WHEREAS, WE, G. Keith Cambron, David L. Kimble, Clifford E. Yackle, Richard D. Hart, respectively, hereafter referred to as applicant(s), have invented certain new and useful improvements in:

EQUIVALENT WORKING LENGTH DETERMINATIVE SYSTEM FOR DIGITAL SUBSCRIBER LINE CIRCUITS

- X _____ for which an application for a United States Patent was filed on ______, Application Serial No. ______.
- ____ for which an application for a United States Patent was executed on _____, and

WHEREAS, **SBC Properties**, **L.P.** (hereinafter referred to as Assignee), a partnership organized and existing under the laws of the State of Nevada, having a place of business at **645 E. Plumb Lane**, **Reno**, **Nevada 89502** is desirous of accuiring the entire right, title and interest in the same;

NOW, therefore, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, we, the applicants, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention, both domestic and foreign, and the entire right, title and interest in and to any and all Patents which may be granted therefor, both domestic and foreign, we hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by ourselves had this assignment and sale not been made.

AND I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

Contro State of (pitrong) County of (and (ack)) Before me personally appeared G. Keith Cambron, and acknowledged the foregoing instrument to be his free act and deed this $\frac{74}{100}$ day of $\frac{2002}{100}$ Notary Public PAUL W. COVIELLO JR Commission # 1364889 Notary Public - California Contra Costa County My Comm. Expires Jul 14, 2008 David L. Kimble State of Glitomia County of Contra Casta) Before me personally appeared **David L. Kimble**, and acknowledged the foregoing instrument to be his free act and deed this 1213 day of December , 2002. Notary Public PAUL W. COVIELLO JR Commission # 1364889 Notary Public - California **Contra Costa County** ly Comm. Expires Jul 14, 2005

PATENT REEL: 013623 FRAME: 0074 Assignment SS00321 (SBC 0120 PA)

Clifford E. Yackle

State of Texas) County of Travis)

Before me personally appeared Clifford E. Yackle, and acknowledged the foregoing instrument to be his free act and deed this 10^{+1} day of 2002.



Notary Public

Richard D. Hart

State of))ss County of)

Before me personally appeared **Richard D. Hart**, and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____ 2002.

Notary Public

PATENT REEL: 013623 FRAME: 0075

		Clifford E. Yackle
State of)	
County of)ss)	
		Clifford E. Yackle, and acknowledged the act and deed this day
		Notary Public
		Rich 2 M
$\cap e$		Richard D. Hart
State of Ghorman)	
County of Confra Cusk)55	
Before me pers	onally appeared	Richard D. Hart, and acknowledged
Reember	to be his fre	e act and deed this $\frac{12}{10}$ day
		Notary Public
		Notary Public
HAUL W. COVIELLO	JR 6	
Commission # 136484 Notary Public - Califor Contra Costa Count	na <u>s</u> V ľ	
My Comm. Expires Jul 14	2006	