		U0-28		Attorney Docket No. 20510-2.10			
FORM (Rev. 6-	PTO-1595			U.S. Department of Commerce			
	Honorable Asst. Commissioner for Pa		(B)	Patent and Trademark Office			
	ne of conveying party(ies):	10182	6310	cuments or copy thereof			
i. ivaii	le of conveying party(les).		0010	ss of receiving party(ies)			
	Catena Networks Canada, Inc.		Name: Catena Ne	tworks, Inc.			
Additional name(s) of conveying parties attached? ☐ Yes ☐ No.			Internal Address:				
89-61		Street Address: 303 Twin Dolphin Drive, Suite 600					
3. Nature of conveyance:			City: Redwood Sh	ores State: California Zip Code: 94065			
\boxtimes	Assignment Merger		Additional names and addresses attached? ☐ Yes ☒ No				
	Security Agreement	Agreement		realismental number and addresses attached: Tes 2 No			
	Other: Assignee's Name Change			taka 19€			
Execution	on Dates: August 1, 2001						
	ication Number(s) or Patent Numbers.						
If this document is being filed together with a new application, the execution date of the application is:							
	A. Patent Application No(s): 09/614	927	В.	Patent No(s):			
	Additional numb	ers attached?	☐ Yes 🗵 No				
5. Name and address of party to whom correspondence concerning document should be mailed:			6. Total number of	applications and patents involved 1			
	me: Kenneth R. Allen TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (650) 326-2400		7. Total fee (37 CF	R 3.41):\$40.00			
Name:			☐ Enclosed ☑ Charge Fees to Deposit Account				
			☐ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.				
			8. Deposit account number: 20-1430				
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J. Glate	and signature.						
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.							
	Kenneth R. Allen	Servet	t.R.Alle	August 6, 2001			
	Name of Person Signing	Signature		Date			
Atty Reg. No. 27,301 Total number of pages including cover sheet, attachments and document 2							
10. Change Correspondence Address to that of Part 5?							
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PATENT REEL: 012101 FRAME: 0517

Attorney Docket No.: 20510-2.10US

PATENT ASSIGNMENT

Catena Networks Canada, Inc. (a Canadian corporation), ("Assignor") a wholly owned subsidiary of Catena Networks, Inc. (a Delaware corporation), is the record owner of:

U.S. Patent Application No.: 09/614,927 Filed: July 12, 2000

For: Method And Apparatus For Combining Voice Line Card

And XDSL Line Card Functions

Priority: Canadian Patent Application No. 2,277,534

Filed: July 13, 1999

WHEREAS, Catena Networks, Inc., (a Delaware corporation), ("Assignee"), located at 303 Twin Dolphin Drive, Suite 600, Redwood Shores, California 94065 wishes to purchase all Assignor's right, title and interest to and under the patent application.

Therefore, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Date: / Jag Ol			A. Weurd Andreas Weirich		
			Vice President of Systems Architecture		
PROVINCE OF)				
COUNTY OF)	SS.			
On	, before me, _				
basis of satisfactory evidence acknowledged to me that he	e) to be the person executed the same	whose in his a	personally known to me (or proved to me on the name is subscribed to the within instrument, and authorized capacity, and that by his signature on the ich the person acted, executed the instrument.		
WITNESS my hand and office	cial seal.				
			NOTARY PUBLIC		
My Commission Expires: PA 3160941 v1					

RECORDED: 08/09/2001

PATENT REEL: 012101 FRAME: 0518