

Form PTO-1595

(Rev. 03-01)

OMB No. 0651-0027 (exp. 5/31/2002)

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Rec

10-10-2001

U.S. Department of Commerce
U.S. Patent and Trademark Office

To the Honorable Commissioner of Pat.

101868026

original documents or copy thereof

1. Name of conveying party(ies):

Catena Networks Canada, Inc.

Additional name(s) of conveying parties attached? ☐ Yes ☒ No.

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____

Execution Date: September 14, 2001

OCT - 1 2001

2. Name and address of receiving party(ies)

Name: Catena Networks, Inc.

Internal Address: _____

Street Address: 303 Twin Dolphin Drive, Suite 600

City: Redwood Shores State: California ZIP: 94065

Additional names and addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s): 09/872,259

B. Patent No(s): _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kenneth R. Allen
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement 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.

Charles Hamilton

Name of Person Signing
Atty. Reg. No. 42,624

Signature

27 Sep 01

Date

Total number of pages including cover sheet, attachments and document 4

Mail documents to be recorded with required cover to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

PA 3172888 v1

10/09/2001 6TUN11 00000175 201430 09872259

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PATENT
REEL: 012221 FRAME: 0764

PATENT ASSIGNMENT

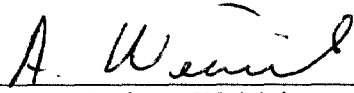
Catena Networks Canada, Inc. (a Canadian corporation), ("Assignor") a wholly owned subsidiary of Catena Networks, Inc. (a Delaware corporation), is the record owner of:

U.S. Patent Application No.: 09/872,259
 Filed: June 12, 2001
 For: SYSTEM AND METHOD FOR IMPROVING
 COMPRESSION ON A TELEPHONE LOOP
 Priority: Canadian Patent Application No. 2,872,259
 Filed: June 12, 2000

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: 14 Sep 2001


 Andreas Weirich
 Vice President of Systems Architecture

PROVINCE OF)
)
 COUNTY OF) ss.

On September 14/01, before me, John Desmond Adams,
 Notary Public, personally appeared Andreas Weirich, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


 NOTARY PUBLIC

My Commission Expires: _____
 PA 3165427 v1