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

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Catena Networks Canada, Inc.

3.12.03

2. Name and address of receiving party(ies)

Name: Catena Networks, Inc.

Internal Address: _____

Street Address: 303 Twin Dolphin Drive, Suite 600City: Redwood Shores State: California ZIP: 94065Country: USAAdditional names and addresses attached? ☐ Yes ☒ NoAdditional name(s) of conveying parties attached? ☐ Yes ☒ No.

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Change of Name☐ Other: _____Execution Date: February 12, 2003

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): 10/298,238

B. Patent No(s): _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-02006. Total number of applications and patents involved 1

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

☐ Enclosed☒ Authorized to be charged to deposit account8. 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 HamiltonName of Person Signing
Atty. Reg. No. 42,624

Signature

February 24, 2003

Date

Total number of pages including cover sheet, attachments and document 2Mail documents to be recorded with required cover to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

PATENT ASSIGNMENT

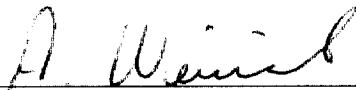
Catena Networks Canada, Inc. (a Canadian corporation), ("Assignor") a wholly owned subsidiary of Catena Networks, Inc. (a Delaware corporation) is the record owner of:

U.S. Patent Application. No.: 10/298,238
 Filed: November 14, 2002
 For: SYSTEM AND METHOD FOR ENHANCING THE
 ACTIVATION OF DSL SERVICE
 Priority: Canadian Patent Application No. 2,361,971
 Filed: November 14, 2001

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 effective at least as early as November 14, 2002.

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: 12 Feb 2003


 Andreas Weirich
 Vice President Systems Architecture

PROVINCE OF Ontario)
) ss.
 COUNTY OF)

On FEB. 12, 2003, 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.


 My Commission Expires:

 NOTARY PUBLIC