

MFD 11/30/00

12-26-2000



Attorney Docket No. 20510-9.00

FORM PTO-1595
(Rev. 6-93)

U.S. Department of Commerce
Patent and Trademark Office

101561896

To the Honorable Asst. Commissioner for Patents. Please file this document with the Asst. Commissioner for Patents or copy thereof

1. Name of conveying party(ies):

Catena Networks Canada, Inc.

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

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

Jc639 U.S. PTO
09/728712
11/30/00

3. Nature of conveyance:

 Assignment Merger

 Security Agreement Change of Name

 Other: Assignee's Name Change

Execution Dates: November 28, 2000

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is: November 28, 2000

09/728712
A. Patent Application No(s): 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
(650) 326-2400

6. Total number of applications and patents involved 1

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

 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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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.

Kenneth R. Allen
Name of Person Signing

Kenneth R. Allen
Signature

November 30, 2000
Date

Atty Reg. No. 27,301 Total number of pages including cover sheet, attachments and document 4

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

PA 3113198 v1

PATENT ASSIGNMENT

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

U.S. Patent Application No.: _____
Filed: HEREWITH
For: Peak To Average Power Ratio Reduction In Communication Systems
Priority: Canadian Patent Application No. 2,291,493 Filed December 3, 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 effective at least as early as July 12, 2000.

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: 28 Nov 00

A. Weirich
Andreas Weirich
Vice President System Architecture

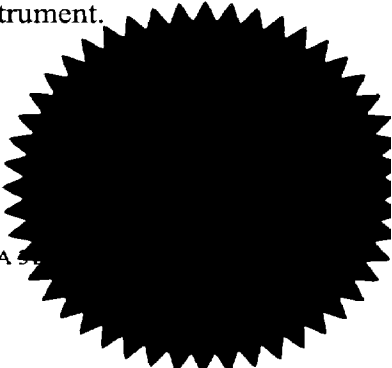
^{to}
PROVINCE OF ~~ON~~ ONTARIO)
COUNTY OF OTTAWA-CARLETON)

ss.

On November 28, 2000, before me, JENISE C. WALTER,
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.

Jenise C. Walter
NOTARY PUBLIC
Barrister & Solicitor



My Commission Expires: N/A

PA 5

ASSIGNMENT

WHEREAS, we,

BOURGET, Christian

STACEY, Fred

TREMBLAY, François

hereinafter referred to as Assignor, whose full post office address are,

97 Meridien, Hull, Quebec, Canada J9A 3C6

36 Sarah Street, Carleton Place, Ontario, Canada K7C 2Z5

103 Ste-Therese, Hull, Quebec, Canada J9A 2M5

have made an invention relating to and entitled:

**PEAK TO AVERAGE POWER RATIO REDUCTION
IN COMMUNICATION SYSTEMS**

as fully set forth and described in an application for Letters Patent of Canada identified as:

Serial number **2,291,493**, filed on **December 3, 1999**;

AND WHEREAS,

CATENA NETWORKS CANADA INC.

hereinafter referred to as Assignee, whose full post office address is

307 Legget Drive, Kanata, Ontario, Canada K2K 3C8

desires to acquire our entire right, title and interest in and to said invention;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over to Assignee, its successors, assigns, or legal representatives, our entire right, title and interest for Canada, the United States and all other countries throughout the World in and to said invention, together with our entire right, title and interest in and to said application and any foreign applications corresponding thereto and any and all Letters Patent which may issue for said invention, including any and all divisions, reissues, continuations and extensions to said Letters Patent, to the full end of the term for which each said Letters Patent may be granted, and including the right to claim priority, based on said application, under the terms of any international Convention, the same to be held and enjoyed as fully and completely as the same would have been held and enjoyed by us had this Assignment not been made;

AND WE, on behalf of ourselves and our executors and administrators, hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further

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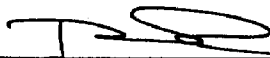
lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by said Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patent for said invention and vest the same in said Assignee, its successors, assigns, or legal representatives.

DATED this 19 day of October, 2000.

Witnessed By:

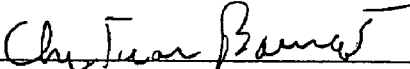
Signature:

Name:


Paula Roy

By:

Name:

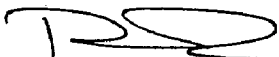

Christian Bourget

DATED this 19 day of October, 2000.

Witnessed By:

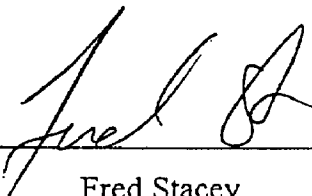
Signature:

Name:


Paula Roy

By:

Name:



Fred Stacey

DATED this 19 day of October, 2000.

Witnessed By:

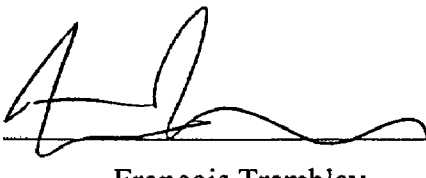
Signature:

Name:


Paula Roy

By:

Name:


François Tremblay

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