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Attorney Docket No. 020510-001900US

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

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U.S. Department of Commerce
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To the Honorable Commission.

Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Alberto Ginesi

2 Name and address of receiving party(ies)

Name: Catena Networks, Inc.

Internal Address: _____

Street Address: 303 Twin Dolphin Drive

City: Redwood Shores State: CA ZIP: 94065

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other: _____

Additional names and addresses attached? ☐ Yes ☒ No

Execution Date: October 24, 2001

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): 09/919,574

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

Charles Hamilton
Signature

November 6, 2001
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

01/10/2002 AAHMED1 00000116 201430 09919574
01 FC:581 40.00 CH

PATENT
REEL: 012431 FRAME: 0513

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Francois Tremblay
Scott McClennon

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Alberto Ginesi of 111 Covington Place, Nepean, Ontario, K2G 6B6, Canada; Francois Tremblay of 103 St. Therese, Hull, Quebec, J9A 2M5, Canada; Scott McClellon of 209 Chandler Avenue, Ottawa, Ontario, K2C 0G3, Canada; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: APPARATUS AND METHOD OF LOOP AND RATE
DEPENDENT POWER CUTBACK

Date(s) of execution of Declaration:

Filing Date: July 30, 2001

Application No.: 09/919,574; and

WHEREAS, Catena Networks, Inc., a corporation of the state of Delaware, located at 303 Twin Dolphin Drive, Suite 600, Redwood Shores, CA, 94065, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

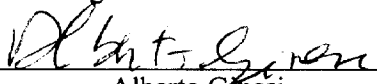
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on 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 Assignors 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.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Oct. 16, 2001



Alberto Ginesi

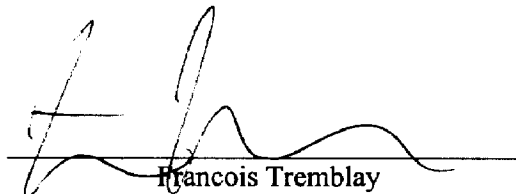
Assignment

Attorney Docket No.: 020510-001900US

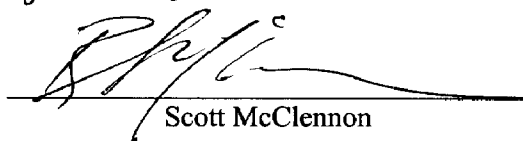
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Dated: 18 oct, 2001

Dated: 24 oct 2001



Francois Tremblay



Scott McClennon