

07/15/2013

DEPARTMENT OF COMMERCE
Patents and Trademark Office



CORP MLD 07-11-13

MD 07-11-13

RECORDED



103660307

Office of the Director of the U.S. Patent and Trademark

the new address(es) below.

1. Name of conveying party(ies)
 HORIZON TECHNOLOGY FUNDING COMPANY V LLC

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: HATTERAS NETWORKS, INC.
 Internal Address: _____
 Street Address: 523 David Drive, Suite 500
 City: Durham
 State: NC
 Country: USA Zip: 27713

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) March 10, 2011

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other Corrective Assignment-See attached

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
See attached.

B. Patent No.(s)
See attached.

Additional numbers attached? Yes No

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

Name: Eric Darmofal, Senior Attorney
 Internal Address: Horizon Technology Finance
 Street Address: 312 Farmington Avenue
 City: Farmington
 State: CT Zip: 06032
 Phone Number: 860-674-9914
 Docket Number: _____
 Email Address: eric@horizontechfinance.com

6. Total number of applications and patents involved: 12

7. Total fee (37 CFR 1.21(h) & 3.41) \$480.00

Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____
 Authorized User Name 07/17/2013 KNGUYEN1 00000006 7447215
 01 FC:0021 480.00

9. Signature:
 Signature
 Eric S. Darmofal
 Name of Person Signing

July 9, 2013
Date

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450



Item #3 Additional Information

Corrective Assignment of Release originally executed on March 10, 2011 and recorded on Reel: 026142 Frame: 0234 to correct Assignor's name from Hatteras Networks, Inc. to Horizon Technology Funding Company V LLC and Assignee's name from Horizon Technology Funding Company V LLC to Hatteras Networks, Inc.

SCHEDULE 1-A TO GRANT OF SECURITY INTEREST

PATENTS

Patent Title	Owner	Patent Number	Issue Date
Methods, Systems, and Computer Program Products for Classifying a Packet Based on a Destination Address	Hatteras Networks	7,447,215	Nov. 4, 2008
Methods, Systems, and Computer Program Products for Deriving a Signal from a Clock Signal Using Alternate Ratio Frequency Division	Hatteras Networks	7,032,121	Apr. 18, 2006
Methods and Systems for Remote Management of Networked Devices	Hatteras Networks	7,379,542	May 27, 2008

PATENT
REEL: 026142 FRAME: 0235

PATENT
REEL: 030845 FRAME: 0435

SCHEDULE I-B TO GRANT OF SECURITY INTEREST

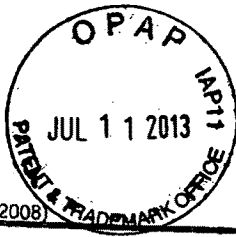
PATENT APPLICATIONS

Patent Application	Owner	Application Number	Application Date
Methods, Systems, and Computer Program Products for Detecting and/or Correcting Faults in a Multiprotocol Label Switching Network by Using Redundant Paths Between Nodes	Hatteras Networks	10/322,814	Dec. 18, 2002
Methods, Systems, and Computer Program Products for Communicating Using a Hybrid Physical Network	Hatteras Networks	10/357,949	Feb. 4, 2003
Methods, Aggregation Devices, and Computer Program Products for Distinguishing Between Sub-Networks Coupled to Aggregation Device Ports by Using an Independent Sub-Network Identifier Domain Space for Each Port	Hatteras Networks	10/361,242	Feb. 10, 2003
Methods, Systems, And Computer Program Products For Adaptive Inverse Packet Multiplexing In Which Traffic Allocation Is Dynamically Adjustable On Individual Links	Hatteras Networks	10/438,709	May 15, 2003
Demarcation Point for Ethernet Service and Methods for Providing Ethernet Service	Hatteras Networks	10/600,872	June 20, 2003
Methods, Systems, and Computer Products for Provisioning Service Between a Network Access Device and a Network Interface Unit	Hatteras Networks	10/611,608	July 1, 2003
Methods and Apparatus for Self Partitioning A Data Network To Prevent Address Conflicts	Hatteras Networks	11/711,549	Feb. 27, 2007

Multi-Application Physical Layer Transport Using Bonded 64/65- Octet Encapsulation	Hatteras Networks	61/052,481	May 12, 2008
Implementation of Dying Gasp via TDR/SELV Testing	Hatteras Networks	61/052,485	May 12, 2008

PATENT
REEL: 026142 FRAME: 0237

PATENT
REEL: 030845 FRAME: 0437

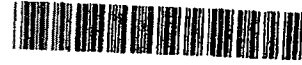


Form PTO-1595 (Rev 08/08)
OMB No 0651-0027 (exp 8/31/2008)

U.S. DEPARTMENT OF COMMERCE
04/07/2011 Office

MRP 4/7/11

RECORDATION FORM COVER
PATENTS ONLY



103621751

To the Director of the U S Patent and Trademark Office. Please record the att:

1. Name of conveying party(ies)

HATTERAS NETWORKS, INC

2. Name and address of receiving party(ies)

Name: HORIZON TECHNOLOGY FUNDING COMPANY V LLC

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 10, 2011

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Release

Street Address: 76 Batterson Park Road

City: Farmington

State: Connecticut

Country: USA Zip: 06032

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

A. Patent Application No.(s)
See attached.

This document is being filed together with a new application.
B. Patent No.(s)
See attached



Additional numbers attached? Yes No

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

Name: John C. Bombara

Internal Address: Horizon Technology Finance Management
LLC

Street Address: 76 Batterson Park Road

City: Farmington

State: Connecticut Zip: 06032

Phone Number: 860-676-8657

Fax Number: 860-676-8655

Email Address: jay@horizontechfinance.com

6. Total number of applications and patents involved: 12

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 480.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

04/07/2011 MIHAI 00000013 7447215

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

[Handwritten Signature]

Signature

March 10, 2011

Date

John C. Bombara
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 026142 FRAME: 0234

PATENT
REEL: 030845 FRAME: 0438



Horizon Technology Finance

March 10, 2011

Mail Stop Assignment Recordation Services
Director of the USPTO
P.O. Box 1450
Alexandria, VA 22313-1450

RE: Release of Security Interests in Patents to Hatteras Networks, Inc.

Dear Sir or Madam:

The undersigned hereby releases its security interests in certain patents from Horizon Technology Funding Company V LLC, 76 Batterson Park Road, Farmington, Connecticut 06032 to Hatteras Networks, Inc., 523 David Drive, Suite 500, Durham, NC 27713.

Very truly yours,

Horizon Technology Funding Company V LLC
By: Horizon Technology Finance Management
LLC, its agent

By: 

John C. Bombara
Its General Counsel

/bl

76 Batterson Park Road, Farmington, CT 06032 (860) 676-8654 Fax (860) 676-8655 horizontechnology.com **PATENT**
RECORDED: 04/07/2011 REEL: 026142 FRAME: 0238

RECORDED: 07/11/2013

PATENT
REEL: 030845 FRAME: 0439