

09-21-2007



Sheet

Attorney Docket No.: 004906.P165

103447160

To the Director of the United States Patent and Trademark Office, with a copy to the attached original documents or copy thereof.

9.20.07

1. Name of conveying party(ies):
Minghua Chen; Thomas Wing Tong Ng
Additional name(s) of conveying party(ies) attached?
 No Yes

2. Name and address of receiving party(ies):
Name: Redback Networks Inc.
Internal Address: _____

3. Nature of Conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other: Nunc Pro Tunc Assignment
Execution Date(s): _____

Street Address: 250 Holger Way
City: San Jose State/Province: CA Zip: 95123
Country: _____
Additional name(s) & address(es) 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)
11/583,525

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Blakely, Sokoloff, Taylor & Zafman LLP
Internal Address: Eric Replogle
Street Address: 12400 Wilshire Boulevard, 7th Floor
Los Angeles, California 90025

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:
02-2666
(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 information is true and correct and any attached copy is a true copy of the original document.

Eric Replogle
Name of Person Signing

[Signature]
Signature

9/15/07
Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

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Based on Form PTO-1595 as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 05/09/05

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**NUNC PRO TUNC
ASSIGNMENT**

PATENT

Attorney's Docket
No.: 4906.P165

This Nunc Pro Tunc Assignment is effective the 18 day of October, 2006 by and between the below-identified Assignor and Assignee.

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I
the undersigned,
Minghua Chen

hereby sell, assign, and transfer to Redback Networks Inc.
a corporation of Delaware, having a principal place of business at
300 Holger Way, San Jose, CA 95134, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for United States patent

that has been executed by the undersigned concurrently herewith,

that was filed October 18, 2006 and assigned Application No. 11/583,525

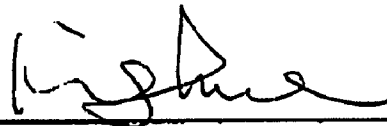
and is entitled Method and Apparatus for Traffic Shaping

effective October 18, 2006, and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application, effective October 18, 2006; and

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives, effective October 18, 2006; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein

conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: Sept 14, 2007 
Name: Minghua Chen

Date: _____, 20____
Name: _____

Date: _____, 20____
Name: _____

Date: _____, 20____
Name: _____

Date: _____, 20____
Name: _____

Date: _____, 20____
Name: _____

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300

**NUNC PRO TUNC
ASSIGNMENT**

PATENT

Attorney's Docket

No.: 4906.P165

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In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I

the undersigned, Thomas Wing Tong Ng

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that has been executed by the undersigned concurrently herewith,

that was filed October 18, 2006 and assigned Application No. 11/583,525

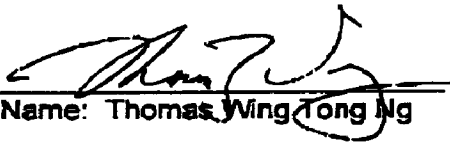
and is entitled Method and Apparatus for Traffic Shaping

effective October 18, 2006, and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application, effective October 18, 2006; and

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conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: Sept 13, 20 07 
Name: Thomas Wing Tong Ng

Date: _____, 20 ____
Name: _____

Date: _____, 20 ____
Name: _____

Date: _____, 20 ____
Name: _____

Date: _____, 20 ____
Name: _____

Date: _____, 20 ____
Name: _____

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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