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RECOF



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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):

Naiming Shen

1-16-03

2. Name and address of receiving party(ies)

Name: **Redback Networks Inc.**

Internal Address: _____

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Street Address: **250 Holger Way**City: **San Jose**State: **CA**Zip: **95134**Execution Date: **01/04/003**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)

10/281,619

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Gregg A. Peacock**Internal Address: **Blakely Sokoloff Taylor &****Zafman LLP**Street Address: **12400 Wilshire Boulevard****Seventh Floor**City: **Los Angeles** State: **California** Zip: **90025-1030**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41).....\$ **40.00**☒ Enclosed (Check No. 2816)☐ Authorized to be charged to deposit account

8. Deposit account number:

02-2666

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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.***Gregg A. Peacock, Reg. No. 45,001**

Name of Person Signing

Signature

Date

1-9-03

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

Mail documents to be recorded with required cover sheet information to:

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PATENT
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ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I,
the undersigned, Naiming Shen,
hereby sell, assign, and transfer to Redback Networks Inc., a corporation of Delaware,
having a principal place of business at 250 Holger Way, San Jose, California 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 the United States patent that was filed October 28, 2002
and assigned Application No. 10,281,619 and is entitled:

UPDATING OF AVAILABILITY OF ROUTES IN A NETWORK

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;

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; 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: 1/4/2003


Name: Naiming Shen

Assignment Document Return Address:

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