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Form **PT-101** (Rev. 03/01) **RECC** **08-21-2001** U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

Tab settings $\Rightarrow \Rightarrow \Rightarrow$ ∇ ∇

To the Honorable Commissioner of Patent **101818207** ∇ ∇

1. Name of conveying party(ies): **8-1301**
 Michael McClary
 Sharath Narahari
 Andrew Tao

2. Name and address of receiving party(ies)
 Name: Redback Networks Inc.
 Internal Address: _____
 Street Address: 250 Holger Way
 City: San Jose State: CA Zip: 95134

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 05/21/01; 05/14/01; 05/14/01

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)
09/835,979

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
 Internal Address: Seventh Floor
 Street Address: 12400 Wilshire Boulevard
 City: Los Angeles State: CA Zip: 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.

Matthew C. Fagan, Reg. No. 37,542 *Matthew C. Fagan* 8-8-2001
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 1 3

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

08/20/2001 GT0N11 00000088 09835979
 01 FC:581 40.00 OP

PATENT
REEL: 012079 FRAME: 0549

ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we,
the undersigned, Michael McClary, Sharath Narahari, and Andrew Tao,
hereby sell, assign, and transfer to Redback Networks, Inc. a corporation of California,
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 April 16, 20 01
and assigned Application No. 09/835,979 and is entitled:

METHOD AND APPARATUS FOR SIMULTANEOUSLY SYNC HUNTING SIGNALS

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;

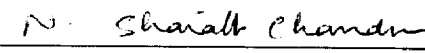
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this 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.

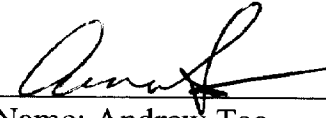
Date: 5-21/01


Name: Michael McClary

Date: 5-14-01


Name: Sharath Narahari

Date: 5/14/01


Name: Andrew Tao