

03-13-2002

FORM PTO-1595
(Rev. 3/01)
OMD NO. 0651-0011 exp. 5/31/2002)



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102013829

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Lawrence Ong; James C. Pang; Ning He

Additional name(s) of conveying party(ies) attached?

☐ No ☐ Yes

3. Nature of Conveyance

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other: Nunc Pro Tunc Assignment

Execution Date(s):

2. Name and address of receiving party(ies):

Name: Redback Networks Inc.

Internal Address:

Street Address: 250 Holger Way

City: San Jose State/Province: CA Zip: 95123

Country: United States

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)

09/821,981

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: Daniel M. DeVos

Street Address: 12400 Wilshire Boulevard, 7th Floor

City: Los Angeles State: California 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)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document

Daniel M. DeVos

Name of Person Signing

Signature

2/5/02

Date

Total number of pages including cover sheet, attachments, and document: 6

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

Assistant Commissioner of Patents, Box Assignments

Washington, D.C. 20231

Atty Docket No. 4906P071

03/12/2002 LUMELLER 00000187 09821981

01 FC:581

40.00 DP

PATENT
REEL: 012650 FRAME: 0778

NUNC PRO TUNC ASSIGNMENT

Attorney's Docket

No.: 4906P071

PATENT

This Nunc Pro Tunc Assignment is effective the 18th day of April, 2001 by and between the below-identified Assignor and Assignee.

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

the undersigned, Lawrence Ong, James C. Pang, Ning He

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 United States patent

☐ that has been executed by the undersigned concurrently herewith,

☒ that was filed March 31, 2001 and assigned Application No. 09/821,981

and is entitled HETEROGENEOUS CONNECTIONS ON A BI-DIRECTIONAL LINE

SWITCHED RING


effective April 18, 2001, 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 April 18, 2001; 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 April 18, 2001; 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: _____, 2001 _____
Name: Lawrence Ong

Date: _____, 2001 _____
Name: James C. Pang

Date: October 25th, 2001 _____
Name:  Ning He

Date: _____, 20 _____
Name: _____

Date: _____, 20 _____
Name: _____

Date: _____, 20 _____
Name: _____

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8300

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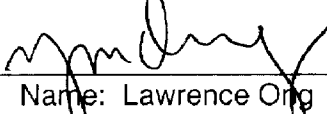
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agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to 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 April 18, 2001; 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: 10/25/, 2001 
Name: Lawrence Ong

Date: _____, 2001 _____
Name: James C. Pang

Date: _____, 2001 _____
Name: Ning He

Date: _____, 20 _____
Name: _____

Date: _____, 20 _____
Name: _____

Date: _____, 20 _____
Name: _____

Assignment Document Return Address:
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Date: _____, 2001 _____

Name: Lawrence Ong

Date: Oct, 25, 2001 _____

Name: James C. Pang

Date: _____, 2001 _____

Name: Ning He

Date: _____, 20 _____

Name: _____

Date: _____, 20 _____

Name: _____

Date: _____, 20 _____

Name: _____

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