

09-20-2002

Form PTO-1595
(Rev. 03/01)

RECORDATION FORM COVER SH
PATENTS ONLY



E
ce

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

102228137

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼

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

1. Name of conveying party(ies):

Siegfried Luft
Thomas J. Meehan
Peter J. Owens
Christopher R. Stein

9.18.02

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: 300 Holger Way

City: San Jose State: CA Zip: 95134

Execution Date: 09-06-02; 08-15-02; 07-25-02; 08-01-02

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)

10/159,625

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: _____

Street Address: 12400 Wilshire Boulevard

Seventh Floor

City: Los Angeles State: CA Zip: 90025

6. Total number of applications and patents involved:

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)

OFFICE OF PUBLIC RECORDS
2002 SEP 18 AM 9:28
FINANCE SECTION

DO NOT USE THIS SPACE

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.

Steven R. Gilliam, Reg. No. 51,734

Name of Person Signing

Signature

9/13/02

Date

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

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Attorney Docket No.: 4906.P124

09/19/2002 DBYRNE

00000160 10159625

01 FC:581

PATENT

REEL: 013294 FRAME: 0250

ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we
the undersigned, Siegfried Luft, Thomas J. Meehan, Peter J. Owens, Christopher R. Stein
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, 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 May 31, 2002
and assigned Application No. 10/159,625 and is entitled:

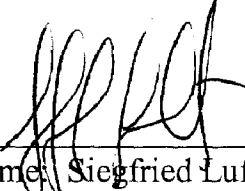
METHOD AND APPARATUS FOR LOAD BALANCING AND PROTECTING DATA TRAFFIC IN AN OPTICAL RING

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: Sept 6, 2002


Name: Siegfried Luft

Date: _____

Name: Thomas J. Meehan

Date: _____

Name: Peter J. Owens

Date: _____

Name: Christopher R. Stein

Assignment document return address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1030
(512) 330-0844

ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we
the undersigned, Siegfried Luft, Thomas J. Meehan, Peter J. Owens, Christopher R. Stein
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, 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 May 31, 2002
and assigned Application No. 10/159,625 and is entitled:

METHOD AND APPARATUS FOR LOAD BALANCING AND PROTECTING DATA TRAFFIC IN AN OPTICAL RING

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: _____

Name: Siegfried Luft

Date: Aug 15 2002

Thomas J. Meehan
Name: Thomas J. Meehan

Date: _____

Name: Peter J. Owens

Date: _____

Name: Christopher R. Stein

Assignment document return address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1030
(512) 330-0844

ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we
the undersigned, Siegfried Luft, Thomas J. Meehan, Peter J. Owens, Christopher R. Stein
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, 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 May 31, 2002
and assigned Application No. 10/159,625 and is entitled:

METHOD AND APPARATUS FOR LOAD BALANCING AND PROTECTING DATA TRAFFIC IN AN OPTICAL RING

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: _____

Name: Siegfried Luft

Date: _____

Name: Thomas J. Meehan

Date: 25th July 2002



Name: Peter J. Owens

Date: _____

Name: Christopher R. Stein

Assignment document return address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1030
(512) 330-0844

ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we
the undersigned, Siegfried Luft, Thomas J. Meehan, Peter J. Owens, Christopher R. Stein
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, 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 May 31, 2002
and assigned Application No. 10/159,625 and is entitled:

METHOD AND APPARATUS FOR LOAD BALANCING AND PROTECTING DATA TRAFFIC IN AN OPTICAL RING

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: _____

Name: Siegfried Luft


Date: _____

Name: Thomas J. Meehan

Date: _____

Name: Peter J. Owens

Date: August 1, 2002



Name: Christopher R. Stein

Assignment document return address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1030
(512) 330-0844