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TO: The Commissioner of Patents and T

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- New
- ☒ Resubmission (Non-Recordation)  
Document ID #102218986A
- ☐ Correction of PTO Error  
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Reel #                      Frame #

1-6-03

**Conveyance Type**

- ☒ Assignment
- ☐ License
- ☐ Merger
- ☐ Security Agreement
- ☐ Change of Name
- ☐ Other:

Resubmission

**Conveying Party(ies)**

1. Cisco Systems, Inc.
- 2.
- 3.
- 4.
- 5.
- 6.

**Execution Date(s)**

9/1/2000

☐ Mark if Additional Names of Conveying Parties Attached**Receiving Party**

Name Cisco Technology, Inc.

Name a California corporation

Address 170 W. Tasman Drive

Address

Address San Jose CA 95134

City State/Country Zip Code

☐ Mark if Additional Names of Receiving Parties Attached**Correspondent Name and Address**

Robert Barr

Worldwide Patent Counsel

170 W. Tasman Drive

San Jose, CA 95134

Telephone:

Facsimile: 408-526-5952

Attorney Docket No.

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**Pages** Enter the total number of pages of the attached conveyance document including any attachments: 6**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Numbers**

09/591,077	09/174,273	09/466,308	09/513,913	09/513,912	09/513,592
09/513,914	09/513,090				

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**Enter PCT application number *only* if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved: 8

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$320

Method of Payment:

- ☐ Enclosed is check No.                      in the amount of \$40
- ☒ Charge Deposit Account No. 502314 in the amount of \$320

Authorization to Charge Additional Fees to Deposit Account No. 502314: ☒ Yes ☐ No**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. Charges to deposit account are authorized, as indicated herein.

Robert Barr

Name of Person Signing

Signature

Date

PATENT

REEL: 013637 FRAME: 0433

09-12-2002

U.S. Department of Commerce  
Patent and Trademark Office

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Robert Barr

Name of Person Signing

Signature

Date

09/11/2002 6TOM11 00000045 502314 09591077

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PATENT  
REEL: 013637 FRAME: 0434

## **PATENT ASSIGNMENT**

This **PATENT ASSIGNMENT** (the "Assignment") is entered into as of September 1, 2000 by **CISCO SYSTEMS, INC.**, a California corporation ("Cisco"), **CISCO ACQUISITION I, INC.** ("CAI"), a Delaware corporation, and **CISCO SYSTEMS HOLDING, INC.** ("CHI"), a Delaware corporation.

**WHEREAS**, Cisco, CAI, CHI and **CISCO TECHNOLOGY INCORPORATED**, a California corporation ("CTI"), have entered into an Asset Transfer Agreement, executed on \_\_\_\_\_, 2001, pursuant to which, among other things, Cisco agreed to assign certain patent rights to CAI; subsequently CAI agreed to assign such patent rights to CHI; and subsequently CHI agreed to assign such patent rights to CTI.

**NOW, THEREFORE**, for good and valuable consideration, Cisco, CAI, and CHI agree as follows:

### **Article I**

#### **CISCO PATENTS**

"Cisco Patents" shall mean the issued U.S. patents listed on Schedule 1, as well as any reexaminations, extensions and reissues thereof and any divisionals, continuations and continuation-in-parts and any other applications or patents that claim priority therefrom, including, without limitation, any foreign applications or patents corresponding thereto.

### **Article II**

#### **ASSIGNMENTS**


Cisco assigns, transfers and conveys to CAI all of the rights, title and interest throughout the world in and to the Cisco Patents, and all rights, claims and privileges pertaining to the Cisco Patents, including rights to the underlying inventions and the right to sue and recover for past, present and future damages.

CAI assigns, transfers and conveys to CHI all of the rights, title and interest throughout the world in and to the Cisco Patents, and all rights, claims and privileges pertaining to the Cisco Patents, including rights to the underlying inventions and the right to sue and recover for past, present and future damages.

CHI assigns, transfers and conveys to CTI all of the rights, title and interest throughout the world in and to the Cisco Patents, and all rights, claims and privileges pertaining to the Cisco Patents, including rights to the underlying inventions and the right to sue and recover for past, present and future damages.

IN WITNESS WHEREOF, Cisco, CAI, and CHI have caused this Assignment of Cisco Patents to be entered into as of the Effective Date.

**Cisco Systems, Inc.**

By: 

Name: Larry Carter

Title Senior Vice President and Chief  
Financial Officer

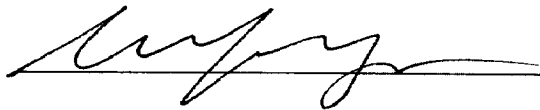
**Cisco Systems Holding, Inc.**

By: 

Name: Michelangelo Volpi

Title President

**Cisco Acquisition I, Inc.**

By: 

Name: Michelangelo Volpi

Title: President

**SCHEDULE 1  
TO PATENT ASSIGNMENT**

ISSUED UNITED STATES PATENTS

None

# **PATENT APPLICATION(S) ASSIGNMENT**

This **PATENT APPLICATION ASSIGNMENT** (the "Assignment") is entered into as of September 1, 2000 by **CISCO SYSTEMS, INC.**, a California corporation ("Cisco"), **CISCO ACQUISITION I, INC.** ("CAI"), a Delaware corporation, and **CISCO SYSTEMS HOLDING, INC.** ("CHI"), a Delaware corporation.

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**NOW, THEREFORE**, for good and valuable consideration, Cisco, CAI, and CHI agree as follows:

## **Article I CISCO PATENTS**

"Cisco Patents" shall mean the filed U.S. patent applications and patent applications for which serial numbers have not yet been issued listed on Schedule 1, as well as any reexaminations, extensions and reissues thereof and any divisionals, continuations and continuation-in-parts thereof and any other applications or patents that claim priority from such applications, including, without limitation, any foreign applications or patents corresponding thereto.

## **Article II ASSIGNMENTS**

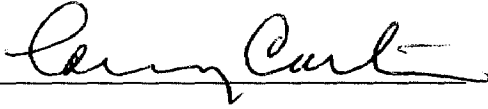
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CAI assigns, transfers and conveys to CHI all of the rights, title and interest throughout the world in and to the Cisco Patents, and all rights, claims and privileges pertaining to the Cisco Patents, including rights to the underlying inventions and the right to sue and recover for past, present and future damages.

CHI assigns, transfers and conveys to CTI all of the rights, title and interest throughout the world in and to the Cisco Patents, and all rights, claims and privileges pertaining to the Cisco Patents, including rights to the underlying inventions and the right to sue and recover for past, present and future damages.

IN WITNESS WHEREOF, Cisco, CAI, and CHI have caused this Assignment of Cisco Patents to be entered into as of the Effective Date.

**Cisco Systems, Inc.**

By 

Name: Larry Carter

Title: Senior Vice President and Chief  
Financial Officer

**Cisco Systems Holding, Inc.**

By: 

Name: Michelangelo Volpi

Title: President

**Cisco Acquisition I, Inc.**

By: 

Name: Michelangelo Volpi

Title: President

**SCHEDULE 1  
TO THE PATENT APPLICATION(S) ASSIGNMENT**

**UNITED STATES PATENT APPLICATIONS**

Filing Date	Serial No.	Inventor(s)	Title
10/16/1998	09/174,273	Achal Patel	Method and Apparatus for Class Based Transmission Control of Data Connections Based on Real-Time External Feedback Estimates Obtained Using Messaging from a Wireless Network
12/17/1999	09/466,308	Achal Patel	Method and System for Allocating Bandwidth in a Wireless Communications Network
2/25/2000	09/513,913	Achal Patel, Pulin Patel, Ojas Choksi	Method and System for Managing Transmission Resources in a Wireless Communications Network
2/25/2000	09/513,912	Pulin Patel, Achal Patel, Ojas Choksi, Mohammad Ali	Method and System for Queuing Traffic in a Wireless Communications Network
2/25/2000	09/513,592	Pulin Patel, Raghuram Krovvidi, Ojas Choksi, Achal Patel, Kenneth Davidson, Mohammad Ali	Method and System for Brokering Bandwidth in a Wireless Communications Network
2/25/2000	09/513,914	Balaji Holur, Jerzy Miernik, Pulin Patel, Ramanamurthy Dantu, Ojas Choksi, Achal Patel, Mohammad Ali	Wireless Router and Method for Processing Traffic in a Wireless Communications Network.
2/25/2000	09/513,090	Ojas Choksi, Ramanamurthy Dantu, Kenneth Davidson	Method and System for Configuring Wireless Routers and Networks.
6/9/2000	09/591,077	Achal Patel	Method and System for Dynamic Soft Handoff Resource Allocation in a Wireless Network.