

RECO

06-05-2003



To the Honorable commissioner of Patents  
Please record the attached original document.

102465164

## 1. Name of conveying party(ies):

Trevor S. Garner  
William R. Lee  
Martin W. Hughes

5-27-03

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

## 3. Nature of conveyance:

☒ Assignment  
\_\_\_\_ Merger  
\_\_\_\_ Security Agreement  
\_\_\_\_ Change of Name  
\_\_\_\_ Other

Execution Date: May 22, 2003

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

Name: Cisco Technology, Inc.

Street Address: 170 West Tasman Drive

City: San Jose

State: CA

Zip: 95134-1706

Additional name(s) &amp; address(es)

Attached? \_\_\_\_\_ Yes ☒ No

JC971 U.S. PTO  
10/446021  
05/27/03

## 4. Application number(s) or patent number(s):

10446021

If this document is being filed together with a new application, the execution  
date of the application is: May 22, 2003

## A. Patent Application No.(s)

## B. Patent No. (s)

Additional numbers attached? \_\_\_\_\_ Yes ☒ No

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

Name: Michael J. Badzinski

Street Address: Cesari and McKenna, LLP

88 Black Falcon Avenue

City: Boston State: MA Zip: 02210

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  
Account8. Deposit account no. 03-1237 (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 belief, the foregoing information is true and correct and any attached copy is a true  
copy of the original document.*

Michael J. Badzinski, Reg. No. 51,425

May 27, 2003

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet:

05/29/2003 JBALINAW 00000032 10446021

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40.00 DP

PATENT  
REEL: 014123 FRAME: 0017

## ASSIGNMENT

Whereas We, Trevor S. Garner, whose residence address is 1005 West Saint Helena Place, Apex, NC 27502, William R. Lee, whose residence address is 1224 Teaberry Court, Cary, NC 27519, and Martin W. Hughes, whose residence address is 419 Halls Mill Drive, Cary, NC 27519, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled PRE-FETCHING AND INVALIDATING PACKET INFORMATION IN A CACHE MEMORY, identified by Cesari and McKenna File No. 112025-0522, which application was executed by us on 5/22/03; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA 95134-1706, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made;

and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

Trevor S. Garner, Inventor

State of North Carolina )  
 )ss.  
County of Wake )

On this 22nd day of May, 2003, before me appeared Trevor S. Garner, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Spencer M. Butell  
Notary Public

[seal]

**My Commission Expires 6-15-2003**

5/22/03  
Date

William R. Lee  
William R. Lee, Inventor

State of North Carolina )  
 )ss.  
County of Wake )

On this 22<sup>nd</sup> day of May, 2003, before me appeared William R. Lee, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Spencer M. Bufell  
Notary Public

[seal]

My Commission Expires 6-15-2003

5/22/03  
Date

Martin W. Hughes  
Martin W. Hughes, Inventor

State of North Carolina )  
 )ss.  
County of Wake )

On this 22<sup>nd</sup> day of May, 2003, before me appeared Martin W. Hughes, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Spencer M. Bufell  
Notary Public

[seal]

My Commission Expires 6-15-2003