

09-16-2003



FORM COVER SHEET  
S ONLY

To the Honorable court  
Please record the application as a copy of

102552848

of the  
thereof.

1. Name of conveying party(ies):  
Trevor Garner  
William R. Lee  
John Kenneth Stacy  
Martin W. Hughes  
Dennis Briddell  
Additional name(s) of conveying party(ies) attached? \_\_\_\_\_ Yes  No

9.8.03

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) & address(es) Attached? \_\_\_\_\_ Yes  No

22367 U.S. PTO  
10/657497  
09/08/03

3. Nature of conveyance:  
 Assignment  
\_\_\_\_\_ Merger  
\_\_\_\_\_ Security Agreement  
\_\_\_\_\_ Change of Name  
\_\_\_\_\_ Other  
Execution Date: September 4, 2003

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: September 4, 2003  
A. Patent Application No.(s)  
B. Patent No. (s)  
Additional numbers attached? \_\_\_\_\_ Yes  No

10657497

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Stephen E. Kabakoff  
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 Account  
8. 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.*  
Stephen E. Kabakoff, Reg. No. 51,276  
Name of Person Signing  
Signature  
September 8, 2003  
Date  
Total number of pages comprising cover sheet:

09/10/2003 HDEMESS1 00000049 10657497  
01 FC:8021 40.00 DP

## ASSIGNMENT

Whereas We, Trevor Garner, whose residence address is 1005 West Saint Helena Place, Apex, NC 27502, William R. Lee, whose residence address is 1224 Teaberry Court, Apex, NC 27519, John Kenneth Stacy, whose residence address is 101 Rustic Wood Lane, Cary, NC 27511, Martin W. Hughes, whose residence address is 419 Halls Mill Drive, Cary, NC 27519, and Dennis Briddell, whose residence address is 100 Westport Drive, Cary, NC 27511, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled **HEADER RANGE CHECK HASH CIRCUIT**, identified by Cesari and McKenna File No. 112025-0534, which application was executed by us on 9/7/03; 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



9/4/03  
Date

William R. Lee  
William R. Lee, Inventor

State of North Carolina )  
 )ss.  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 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.

\_\_\_\_\_  
Notary Public

[seal]

9/4/03  
Date

John Kenneth Stacy  
John Kenneth Stacy, Inventor

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

On this 4<sup>th</sup> day of September, 2003, before me appeared John Kenneth Stacy, 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. Bullock  
Notary Public

[seal]

**My Commission Expires 6-15-2008**

9/4/2003

Date



Martin W. Hughes, Inventor

State of North Carolina )  
 )ss.  
County of \_\_\_\_\_ )

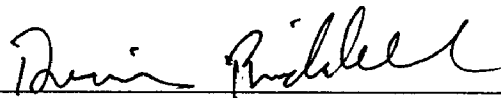
On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me appeared Martin W. Hughes, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

[seal]

9/4/2003

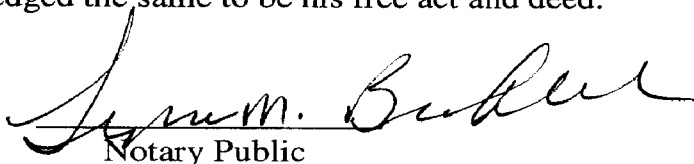
Date



Dennis Briddell, Inventor

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

On this 4<sup>th</sup> day of September, 2003, before me appeared Dennis Briddell, 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.

  
Notary Public

[seal]

**My Commission Expires 6-15-2008**