

10-21-2004

FORM PTO-1596  
1-31-92

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 50325-0843 (8502)

102864609

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

1. Name of Conveying Party(ies):  
Jean Philippe Vasseur, Stefano B. Previdi, Clarence Filisfilis,  
David Ward  
Additional name(s) of conveying party(ies) attached?  Yes

2. Name and address of receiving party(ies):  
Name: Cisco Technology, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 170 West Tasman Drive  
City: San Jose State/Country CA ZIP: 95134-1706  
Additional name(s) & address(es) attached?  Yes

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: 2/2/04, 1/13/04, 4/2/04, 9/27/04

4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No(s):  
10/719,003, filed November 21, 2003  
B. Patent No(s): \_\_\_\_\_  
Additional numbers attached?  Yes

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Hickman Palermo Truong & Becker LLP  
Internal Address: \_\_\_\_\_  
Street Address: 1600 Willow Street.  
City: San Jose State: CA Zip: 95125

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:  
50-1302

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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.*  
Christopher J. Palermo, Reg. No. 42,056  
Signature: *Christopher J. Palermo* Date: October 12, 2004

Name and Registration No. of Person Signing: Christopher J. Palermo  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

10/20/2004 ECOOPER 00000246 10719003

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PATENT  
REEL: 015894 FRAME: 0156

ASSIGNMENT

WHEREAS WE, JEAN PHILIPPE VASSEUR, of Dunstable, Massachusetts; STEFANO B. PREVIDI of Wavre, Belgium; CLARENCE FILSFILS, of Brussels, Belgium; and DAVID WARD of Somerset, Wisconsin, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **METHOD AND APPARATUS FOR DETERMINING NETWORK ROUTING INFORMATION BASED ON SHARED RISK LINK GROUP INFORMATION**, executed by us on the date of execution of this document, as shown below, and filed on November 21, 2003 as Application Serial No. 10/719,003.

AND WHEREAS, Cisco Technology, Inc., a corporation of the State of California and having an address of 170 West Tasman Drive, San Jose, CA 95134-1706 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cisco Technology, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

**ASSIGNMENT**

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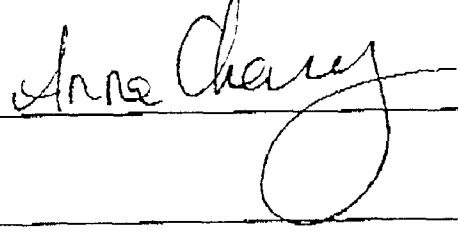
JEAN PHILIPPE VASSEUR

02/02/2004

Date

Date: 02/02/2004

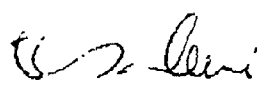
Witnessed by:



Print name

Date: 2/2/2004

Witnessed by:



BRUCE DAVIS

Print name

ASSIGNMENT

Docket No. 50325-0843 (8502)

13-JAN-2004  
Date

S.B.M.  
STEFANO B. PREVIDI

Date: 13-JAN-2004

Witnessed by: Sergio Sidoretti

SERGIO SIDORETTI  
Print name

Date: 13-JAN-2004


Witnessed by: Fabio Salvietini

FABIO SALVIETINI  
Print name

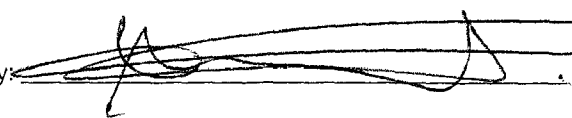
**ASSIGNMENT**

Docket No. 50325-0843 (8502)

04/02/2004  
Date

  
CLARENCE FILMS

Date: 04/02/2004

Witnessed by: 

Peter de Vriendt  
Print name

Date: 04/02/2004

Witnessed by: 

DE RIDDER DANIEL  
Print name

**ASSIGNMENT**

Docket No. 50325-0843 (8502)

9/27/04  
Date

*David Ward*  
DAVID WARD

Date: 9/27/04

Witnessed by: *Kim Ward*



Kim Ward  
Print name

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_

\_\_\_\_\_  
Print name