

03-22-2006



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Form PTO-1595 (REVISED)  
(Rev. 03/01)

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

## PATENTS ONLY

Docket No.: 1004-011

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

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

Roger Karam Executed: March 13, 2006  
Robert Pryor Beliles, Jr. Executed: March 14, 2006Additional name(s) of conveying party(ies)  
attached?☐ Yes☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: See box 1

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

Name: Cisco Technology, Inc.

Internal Address:

Street Address:

170 West Tasman Drive

City: San Jose

State: California

Zip: 95134-1706

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 new application is: 3/13/06; 3/14/06

A. Patent Application No.(s):

B. Patent No.(s):

11/375991

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: David E. Huang, Esq.

Street Address: Bainwood, Huang & Associates, LLC  
2 Connector RoadCity:  
Westborough

State: MA Zip: 01581

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:

50-3661

(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.*

James F. Thompson, Esq.

Name of Person Signing

Signature

March 15, 2006

Date

Total number of pages including cover sheet, attachments, and documents: 5

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11/375991

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PATENT  
REEL: 017689 FRAME: 0982

**ASSIGNMENT**

**WHEREAS**, we, Roger Karam and Robert Pryor Beliles, Jr., have invented a certain improvement in **METHODS AND APPARATUS FOR PHYSICAL LAYER SECURITY OF A NETWORK COMMUNICATIONS LINK** described in an application for Letters Patent of the United States, the specification of which:

☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☐ was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_;

☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS**, Cisco Technology, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California and having a usual place of business at 170 West Tasman Drive, San Jose, California 95134-1706 desires to acquire an interest therein in accordance with agreements duly entered into with me;

**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

- 2 -

**AND**, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

**AND**, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

**IN TESTIMONY WHEREOF**, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor:   
Roger Karam

Dated: 3/13/2006

Inventor: \_\_\_\_\_  
Robert Pryor Bellas, Jr.

Dated: \_\_\_\_\_

**ASSIGNMENT**

**WHEREAS**, we, Roger Karam and Robert Pryor Beliles, Jr., have invented a certain improvement in **METHODS AND APPARATUS FOR PHYSICAL LAYER SECURITY OF A NETWORK COMMUNICATIONS LINK** described in an application for Letters Patent of the United States, the specification of which:

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**AND**, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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Inventor: \_\_\_\_\_  
Roger Karam

Dated: \_\_\_\_\_

Inventor:   
Robert Pryor Bellés, Jr.

Dated: 3/14/2006