

U.S. PTO  
11/805533

06-05-2007

05/23/2007



ET

U.S. Department of Commerce  
Patent and Trademark Office

**PATENT**

TO: The Commissioner of Patents

103412793

Attached original document(s) or copy(ies).

**Submission Type**

- ☒ New  
☐ Resubmission (Non-Recordation)  
Document ID #  
☐ Correction of PTO Error  
Reel #                      Frame #  
☐ Corrective Document  
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**Conveyance Type**

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

**Conveying Party(ies)**

1. CHIGURUPATI, Chakravarthi S.
2. RAJKOTIA, Tejas H.
3. BHOJWANI, Bharat M.
4. SINGH, Pradeep
5. DUAN, Dongling
- 6.

**Execution Date(s)**

05-22-2007  
05-23-2007  
05-22-2007  
05-22-2007  
05-22-2007

☐ Mark if Additional Names of Conveying Parties Attached

11/805533

**Receiving Party**

Name                      Cisco Technology, Inc.  
Name                      a corporation of California  
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**

The Law Office of Kirk D. Williams (Customer No. 26327)  
PO BOX 61538  
Denver, CO 80206-8538

Telephone: 303-282-0151  
Facsimile: 303-778-0748  
Attorney Docket No. 41513

**Pages** Enter the total number of pages of the attached conveyance document including any attachments: 4

**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**

**Patent Numbers**

05/25/2007 CCARD1 00000014 11805533

04 FC:8021 (40.00 OP)

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  
05-22-2007

**Patent Cooperation Treaty (PCT)**

Enter PCT application number *only if* a U.S. Application Number has not been assigned.

PCT	PCT	PCT
PCT	PCT	PCT

**Number of Properties**

Enter the total number of properties involved: 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$40

**Method of Payment:**

- ☐ Enclosed is check No.                      in the amount of \$40  
☒ Charge Credit Card per attached form PTO-2038 (with the new application) in the amount of \$40  
Authorization to Charge Additional Fees to Deposit Account No. 501430: ☒ Yes ☐ No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and attached is a true copy of the original document or the original itself. Charges to deposit account are authorized, as indicated herein.

Kirk D. Williams, Esq. (Reg. 42,229)

Name of Person Signing

  
Signature

May 23, 2007

Date

**PATENT**

**REEL: 019401 FRAME: 0648**

Attorney Docket No. 41513  
The Law Office of Kirk D. Williams  
Attorney at Law  
PO BOX 61538, Denver, CO 80206-8538

## ASSIGNMENT

WHEREAS, WE, CHAKRAVARTHI S. CHIGURUPATI (OF SAN JOSE, CA), TEJAS H. RAJKOTIA (OF SAN JOSE, CA), BHARAT M. BHOJWANI (OF FREMONT, CA), PRADEEP SINGH (OF SAN JOSE, CA), AND DONGLING DUAN (OF MILPITAS, CA), are the joint inventors of an invention entitled "STATEFUL SWITCHING BETWEEN RELIABLE TRANSPORT MODULES FOR COMMUNICATING WITH AN EXTERNAL PEER WITHOUT LOSING THE TRANSPORT LAYER CONNECTION" as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Cisco Technology, Inc. (hereinafter referred to as Assignee); a corporation of the State of California having a place of business at 170 W. Tasman Drive, San Jose, CA 95134 is desirous of acquiring the entire United States domestic and foreign right, title, and interest in and under the invention described in the patent application and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries, it being understood that a reference herein to "foreign countries" includes all countries other than the United States;

NOW, THEREFORE, in exchange for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we sell, assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights, title and interest in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications, including, but not limited to, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, including the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by Assignee and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by us had this assignment, transfer and sale not been made. We do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents on said invention to Assignee.

WE DO HEREBY COVENANT and agree with Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining patents of the United States and of any and all foreign countries on the invention, including, but not

STATEFUL SWITCHING BETWEEN RELIABLE TRANSPORT MODULES FOR COMMUNICATING WITH AN  
EXTERNAL PEER WITHOUT LOSING THE TRANSPORT LAYER CONNECTION  
ASSIGNMENT PAGE 1 of 4

limited to, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, including executing all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

WE have hereunder set our hands on the dates shown below.

Date 5/22/07

CHAKRAVARTHI S. CHIGURUPATI

CHAKRAVARTHI S. CHIGURUPATI

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, before me, a Notary Public in and for said county, appeared Chakravarthi S. Chigurupati, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

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

{SEAL}

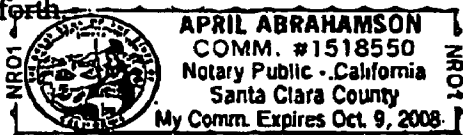
My Commission Expires: \_\_\_\_\_

Date 05/23/07

Tejas H. Rajkotia  
TEJAS H. RAJKOTIA

STATE OF California )  
COUNTY OF Santa Clara ) SS:

On this 23<sup>rd</sup> day of May, 2007, before me, a Notary Public in and for said county, appeared Tejas H. Rajkotia, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



{SEAL}

April Abrahamson  
Notary Public

My Commission Expires: OCT. 9, 2008

Date 05/22/07

Bharat M. Bhojwani  
BHARAT M. BHOJWANI

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS:

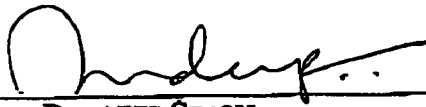
On this \_\_\_\_\_ day of \_\_\_\_\_, before me, a Notary Public in and for said county, appeared Bharat M. Bhojwani, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

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

{SEAL}

My Commission Expires: \_\_\_\_\_

Date 5/24/07

  
\_\_\_\_\_  
PRADEEP SINGH

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, before me, a Notary Public in and for said county, appeared Pradeep Singh, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL} \_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

Date 5/22/07

  
\_\_\_\_\_  
DONGLING DUAN

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, before me, a Notary Public in and for said county, appeared Dongling Duan, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL} \_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_