

17302 U.S. PTO
10/801907



031504

3-15-04



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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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- New
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- Document ID # _____
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Conveyance Type

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other: _____

Conveying Party(ies)

1. Panigrahy, Rina
2. Patra, Abhijit
3. Sharma, Samar
- 4.
- 5.
- 6.

Execution Date(s)

- 03-15-2004
03-15-2004
03-15-2004

10/801907

Mark if Additional Names of Conveying Parties Attached

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)
1234 S. Ogden St.
Denver, CO 80210-1713

Telephone: 303-282-0151
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Attorney Docket No. 47380

Pages Enter the total number of pages of the attached conveyance document including any attachments: 3

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

03/23/2004 6T0H11 0000123 501430 10801907

01 FC:8021 40.00 00

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 03-15-2004

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 Deposit Account No. 501430 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)  March 15, 2004
Name of Person Signing Signature Date

Attorney Docket No. 47380
CUSTOMER NUMBER 26327
The Law Office of Kirk D. Williams
Attorney at Law
1234 S. Ogden St., Denver, CO 80210

ASSIGNMENT

WHEREAS, WE, RINA PANIGRAHY (OF SUNNYVALE, CA), ABHIJIT PATRA (OF SAN JOSE, CA), AND SAMAR SHARMA (OF SUNNYVALE, CA), are the joint inventors of an invention entitled "IDENTIFICATION OF A LONGEST MATCHING PREFIX BASED ON A SEARCH OF INTERVALS CORRESPONDING TO THE PREFIXES" 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;

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 limited to, provisional applications, non-provisional applications, continuations,

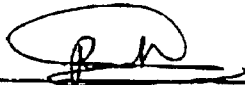
IDENTIFICATION OF A LONGEST MATCHING PREFIX
BASED ON A SEARCH OF INTERVALS CORRESPONDING TO THE PREFIXES
ASSIGNMENT PAGE 1 of 3

PATENT
REEL: 015113 FRAME: 0311

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 3/15/04



RINA PANIGRAHY

STATE OF

California

SS:

COUNTY OF

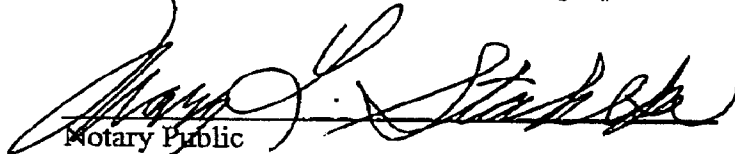
Santa Clara

On this 15th day of March, 2004, before me, a Notary Public in and for said county, appeared Rina Panigrahy, 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.



MARY L. STAHLKE
Commission # 1307949
Notary Public - California
Santa Clara County
My Comm Expires Jul 2, 2005



Notary Public

My Commission Expires

July 2, 2005

Date 3/15/2004 Abhijit Patra
ABHIJIT PATRA

STATE OF California)
COUNTY OF Santa Clara) SS:

On this 15th day of March, 2004, before me, a Notary Public in and for said county, appeared Abhijit Patra, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

MARY L. STAHLKE
Commission # 1307949
Notary Public - California
Santa Clara County
My Comm Expires Jul 2, 2005
{SEAL}

Mary L. Stahlke
Notary Public

My Commission Expires: July 2, 2005

Date 15 March, 2004 Samar Sharma
SAMAR SHARMA

STATE OF California)
COUNTY OF Santa Clara) SS:

On this 15th day of March, 2004, before me, a Notary Public in and for said county, appeared Samar Sharma, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

MARY L. STAHLKE
Commission # 1307949
Notary Public - California
Santa Clara County
My Comm Expires Jul 2, 2005
{SEAL}

Mary L. Stahlke
Notary Public

My Commission Expires: July 2, 2005

IDENTIFICATION OF A LONGEST MATCHING PREFIX
BASED ON A SEARCH OF INTERVALS CORRESPONDING TO THE PREFIXES
ASSIGNMENT PAGE 3 of 3