

MRD
12-15-99

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COVER SHEET

101233414

To: Honorable Commission

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Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
 - a) Vincent K. Jones, IV
 - b) Alireza Raissinia
2. Name and address of receiving party(ies):
 - a) Name: Cisco Technology, Inc.
 - b) Address: 170 W. Tasman Drive
San Jose, CA 95134-1706
3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: December 2, 1999

4. Application Number(s) or Patent Number(s): 09/419,444

The title of the (new) application is:

DECODING DATA FROM MULTIPLE SOURCES

5. Please send all correspondence concerning this (these) documents to:

Customer No. 21912
Ritter, Van Felt & Yi LLP
4906 El Camino Real, Suite 205
Los Altos, CA 94022
(650) 903-3500 (PH)
(650) 903-3501 (FX)

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
 Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-0685 (Order No. CISC639).

8. 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.

Date: December 10, 1999

Dan H. Lang
Registration No. 38,531

12/20/1999 SHREYEN 00000250 09419444
01 FC:581
40.00 EP

Attorney Docket No. CISC639

PATENT
REEL: 010456 FRAME: 0061

ASSIGNMENT OF PATENT APPLICATION
(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

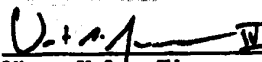

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for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on October 15, 1999, and which bears the Application No. 09/419,444.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Cisco Technology, Inc. a California corporation having a place of business at 170 W. Tasman Drive, San Jose, CA 95134-1706, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: 12/2/99
Typed Name: Vincent K. Jones IV
- 2) Signature:  Date: 12/2/99
Typed Name: Andre Raissina

Atty Dkt. No. CISCP639

PATENT
REEL: 010456 FRAME: 0062

ALL-PURPOSE ACKNOWLEDGMENT

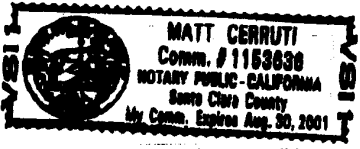
State of California

County of Santa Clara } ss.

On 12/2/99 before me, MATT CERRUTI

personally appeared Vincent Knowles Jones II

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Matt Cerruti
NOTARY'S SIGNATURE

OPTIONAL INFORMATION

The information below is not required by law. However, it could prevent fraudulent attachment of this acknowledgment to an unauthorized document.

CAPACITY CLAIMED BY SIGNER (PRINCIPAL)

- INDIVIDUAL
- CORPORATE OFFICER
- _____ TITLE(S)
- PARTNER(S)
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

DESCRIPTION OF ATTACHED DOCUMENT

Assignment of Patent Application
TITLE OR TYPE OF DOCUMENT
n/a
NUMBER OF PAGES
n/a
DATE OF DOCUMENT
n/a
OTHER

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

RIGHT THUMBPRINT
OF
SIGNER

ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara } ss.

On 12/2/99 before me, MATT CERRUTI
(DATE) (NOTARY)

personally appeared AUREA RAISSIOLA
SIGNER(S)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Matt Cerruti
NOTARY'S SIGNATURE

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