

05-03-2000

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To: Honorable Commissioner of Patents and Trademarks:

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

- 1. Name of conveying party(ies)
a) Donald Stern
- 2. Name and address of receiving party(ies):
a) Name: Cisco Technology, Inc.
Address: 170 West Tasman Drive
San Jose, CA 95134-1706

- 3. Nature of conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other _____ License Agreement

Execution Date: April 12, 2000

- 4. Application Number(s) or Patent Number(s): 1

The title of the (new) application is:

CODE LINKING SYSTEM

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

Customer Number: 022434
 BEYER WEAVER & THOMAS, LLP
 P.O. Box 130
 Mountain View, CA 94042-0130
 Telephone (510) 843-6200
 Fax (510) 843-6203



- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Any additional fees are authorized to be charged to Deposit Account No. 50-0388 (Order No. CISCPI25)
- 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: April 24, 2000

Elise R. Heilbrunn
 Elise R. Heilbrunn
 Registration No. 42,649

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Attorney Docket No. CISCPI25

(Revised 01/90)

PATENT
REEL: 010740 FRAME: 0984

ASSIGNMENT OF PATENT APPLICATION
(Not Accompanying Application)

Attorney Dkt: CISCP125/1585

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

CODE LINKING SYSTEM

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 January 4, 2000, and which bears the Application No. 09/477,169.

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 West 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).

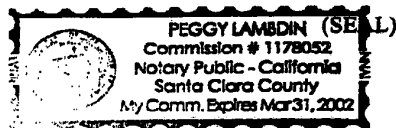
Signature: Donald Stern Date: 4/12/00
Typed Name: Donald Stern

County of Santa Clara)
) ss.
State of California)

On this 12 day of April, in the year 2000, before me, Peggy Lambdin, personally appeared Donald Stern, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Peggy Lambdin



U-1 dated 5-18-98

RECORDED: 04/28/2000

PATENT
REEL: 010740 FRAME: 0985