

08-07-2000

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101424231

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Execution Date  
Month Day Year  
 03/10/2000

Name (line 1)  Dan Harkins

Name (line 2)

**Second Party**

Name (line 1)

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)  Cisco Technology, Inc.

Name (line 2)

Address (line 1)  170 West Tasman Drive

Address (line 2)

Address (line 3)  San Jose  California  95134  
City State/Country Zip Code

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08/04/2000 NTHA11 00000091 6038322  
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**PATENT**  
**REEL: 010958 FRAME: 0734**

**Correspondent Name and Address**

Area Code and Telephone Number (650) 812-3467

Name John D. Henkhaus

Address (line 1) Carr & Ferrell, LLP

Address (line 2) 2225 East Bayshore Road, Suite 200

Address (line 3) Palo Alto, CA 94303

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 3

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)


Patent Number(s)

6038322		

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

**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): \$ 40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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Authorization to charge additional fees:

Yes

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No

☐

**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. Charges to deposit account are authorized, as indicated herein.

John D. Henkhaus

Name of Person Signing

John D. Henkhaus

Signature

7/10/00

Date

**PATENT**

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
      ☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: ☒ Inventor(s) or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR/INVENTOR:**

**Dan Harkins**

ASSIGNOR, INVENTOR

1886 San Andreas rd.

Address

La Selva Beach, CA

hereby sells, assigns and transfers to

**ASSIGNEE:**

**Cisco Technology, Inc.**

ASSIGNEE

170 West Tasman Drive

Address

San Jose, California

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:

**Group Key Distribution**

Name of inventor(s) Dan Harkins

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith  
(b) ☐ U.S. patent application executed on \_\_\_\_\_  
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention.

☐ Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_

- ☐ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d) ☒ U.S. application no. 09 / 175,240  
filed on October 20, 1998

(e) ☐ International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

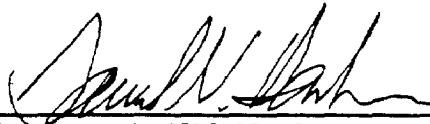
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this tenth day of

March 2000

Date of signing

Date: 3/10/2000



Signature of ASSIGNOR(S)

Title