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jc405 U.S. PTO
09/973508
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4. Marimuthu, Peram
- 5.
- 6.

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09212001
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09/973508

Receiving Party

Name Cisco Technology, Inc.
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Address
Address San Jose
City

CA
State/Country

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Zip Code

☐ Mark if Additional Names of Receiving Parties Attached

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If this document is being filed together with a <i>new</i> Patent Application, enter the date the patent application was signed by the first named executing inventor.				Month Day Year 09192001
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Patent Cooperation Treaty (PCT)

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Enter PCT application number *only if* a U.S. Application
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Fee Amount

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

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- ☒ Enclosed is check No. 2134 in the amount of \$40
- ☐ Charge Deposit Account No. 501430

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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.

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

Signature

October 9, 2001

Date _____

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PATENT
REEL: 012253 FRAME: 0131

ASSIGNMENT

WHEREAS, WE, PRIYANK RAMESH WARKHEDE (OF 3131 HOMESTEAD RD. #3F, SANTA CLARA, CA 95051), **WILLIAM N. EATHERTON** (OF 1266 HICKERSON COURT, SAN JOSE, CA 95127), **SHYAMSUNDAR N. MANIYAR** (OF 3483 GLENPROSEN CT., SAN JOSE, CA 95148), AND **PERAM MARIMUTHU** (OF 1565 FINCH WAY, SUNNYVALE, CA 94087), are the joint inventors of an invention entitled "METHOD AND APPARATUS FOR ALLOCATING AND USING RANGE IDENTIFIERS AS INPUT VALUES TO CONTENT-ADDRESSABLE MEMORIES" 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

METHOD AND APPARATUS FOR ALLOCATING AND USING RANGE IDENTIFIERS
AS INPUT VALUES TO CONTENT-ADDRESSABLE MEMORIES
ASSIGNMENT PAGE 1 of 2

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, 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.

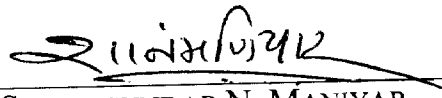
Date 19 Sept. 2001


PRIYANK RAMESH WARKHEDE

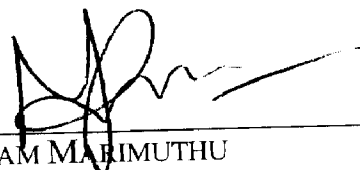
Date 9/21/2001


WILLIAM N. EATHERTON

Date 9/18/2001


SHYAMSUNDAR N. MANIYAR

Date 9/19/2001


PERAM MARIMUTHU