

3-14-2002

03-14-2002



ASSIGNMENT

SHEET

102014934

To: Honorable Commissioner of Patents and Trademarks:

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

- 1. Name of conveying party(ies)
 - a) Daniel C. Biederman
 - b) Malathy Sethuraman
 - c) Vivian C. Chiang
 - d) Jeffrey P. Chou
 - e) Constantine P. Sapuntzakis

3-14-02

- 2. Name and address of receiving party(ies):
 - a) Name: Cisco Technology, Inc.
 - Address: 170 West Tasman Drive
San Jose, California 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: Daniel C. Biederman-November 1, 2001, Malathy Sethuraman-November 1, 2001 Vivian C. Chiang-November 1, 2001, Jeffrey P. Chou-March 1, 2002, Constantine P. Sapuntzakis-March 7, 2002

- 4. Application Number(s) or Patent Number(s): Please assign
The title of the (new) application is: 09872989

APPARATUS AND METHODS FOR COMBINING DATA

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

Customer Number: 022434
 BEYER WEAVER & THOMAS, LLP
 P.O. Box 778
 Berkeley, CA 94704-0778
 Phone (510) 843-6200
 Fax (510) 843-6203

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 2002 MAR 14 PM 9:23
 ASSIGNMENT SERVICES
 DIVISION

- 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. 500388 (Order No. CISC208)

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: March 8, 2002

 Mary R. Olynick
 Registration No. 42,963

03/14/2002 6TDW11 00000234 09872989
 01 FC:581 40.00 OP

Attorney Docket No. CISC208/3890

(Revised 01/96)

PATENT REEL: 012657 FRAME: 0467

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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

APPARATUS AND METHODS FOR COMBINING DATA

(Atty. Docket No.: CISC208/3890) for which I (we) have executed an application for a United States Letters Patent.

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 and 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. **Inventor Signature:**  **Date:** 11/1/01
Daniel C. Biederman

State of California)
County of Santa Clara) ss.

On this 1st day of November, in the year 2001, before me, Carmen E. Moniz, Notary Public, personally appeared Daniel Biederman, 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(ies), 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.

Notary Signature [Handwritten Signature]



2. **Inventor Signature:** _____
Vivian W. Chiang

Date: _____

State of California)
County of _____)

ss.

On this ____ day of _____, in the year 2001, before me, _____, Notary Public personally appeared _____, 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(ies), 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.

Notary Signature _____

(SEAL)

3. **Inventor Signature:** _____
Jeffrey P. Chou

Date: _____

State of California)
County of _____)

ss.

On this ____ day of _____, in the year 2001, before me, _____, Notary Public, personally appeared _____, 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(ies), 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.

Notary Signature _____

(SEAL)

4. Inventor Signature: Malathy Sethuraman
Malathy Sethuraman

Date: 11/1/01

State of California)
County of Santa Clara) ss.

On this 1st day of November, in the year 2001, before me, Carmen E. Moniz, Notary Public, personally appeared Malathy Sethuraman 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(ies), 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.

Notary Signature: [Signature]



5. Inventor Signature: _____
Constantine P. Sapuntzakis

Date: _____

State of California)
County of _____) ss.

On this _____ day of _____, in the year 2001, before me, _____, Notary Public, personally appeared _____, 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(ies), 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.

Notary Signature _____

(SEAL)

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(Accompanying Application)

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- 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. **Inventor Signature:** _____ **Date:** _____
Daniel C. Biederman


State of California)
)
County of _____) ss.

On this _____ day of _____, in the year 2001, before me, _____, Notary Public, personally appeared _____, 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(ies), 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.

Notary Signature _____

(SEAL)

2. Inventor Signature: 
Vivian W. Chiang

Date: 4/1/01

State of California)

) ss.

County of _____)

On this ____ day of _____, in the year 2001, before me, _____, Notary Public personally appeared _____, 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(ies), 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.

Notary Signature _____

(SEAL)

3. Inventor Signature: _____
Jeffrey P. Chou

Date: _____

State of California)

) ss.

County of _____)

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WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

4. **Inventor Signature:** _____ **Date:** _____
Malathy Sethuraman

State of California)
)
County of _____) ss.

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WITNESS my hand and official seal.

Notary Signature _____ (SEAL)

5. **Inventor Signature:** _____ **Date:** _____
Constantine P. Sapuntzakis

State of California)
)
County of _____) ss.

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WITNESS my hand and official seal.

Notary Signature _____ (SEAL)

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(Accompanying Application)

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- 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. **Inventor Signature:** _____ **Date:** _____
Daniel C. Biederman

State of California)
) ss.
County of _____)

On this ____ day of _____, in the year 2001, before me, _____, Notary Public, personally appeared _____, 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(ies), 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.

Notary Signature _____

(SEAL)

2. **Inventor Signature:** _____
Vivian W. Chiang

Date: _____

State of California)
)
County of _____)

ss.

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WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

3. **Inventor Signature:** _____
Jeffrey P. Chou

Date: 03/01/02

State of California)
)
County of _____)

ss.

On this ____ day of _____, in the year 2002, before me, _____, Notary Public, personally appeared _____, 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(ies), 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.

Notary Signature _____

(SEAL)

4. **Inventor Signature:** _____ **Date:** _____
Malathy Sethuraman

State of California)
)
County of _____) ss.

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WITNESS my hand and official seal.

Notary Signature _____ (SEAL)

5. **Inventor Signature:** _____ **Date:** _____
Contantine P. Sapuntzakis

State of California)
)
County of _____) ss.

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

1. **Inventor Signature:** _____ **Date:** _____
Daniel C. Biederman

State of California)
)
County of _____) ss.

On this ____ day of _____, in the year 2001, before me, _____, Notary Public, personally appeared _____, 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(ies), 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.

Notary Signature _____

(SEAL)

2. **Inventor Signature:** _____
Vivian W. Chiang

Date: _____

State of California)
)
County of _____)

ss.

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WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

3. **Inventor Signature:** _____
Jeffrey P. Chou

Date: _____

State of California)
)
County of _____)

ss.

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WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

4. Inventor Signature: Malathy Sethuraman

Date: _____

State of California)
County of _____) ss.

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WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

5. Inventor Signature: Contantine P. Sapuntzakis Date: 3/7/2002

State of California)
County of Santa Clara) ss.

On this 7 day of Mar., in the year 2002, before me, Xian-Wen Li, Notary Public, personally appeared CONSTANTINE P SAPUNTZAKIS, 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(ies), 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.

Notary Signature Xian-Wen Li

(SEAL)

