

1/12/06

ASSIGNM

01-25-2006

HEET

Commissioner of Patents:



103164151

112948 U.S. PTO
11/332747
011206

Please record the attached document.

1. Name of conveying party:
 - a) Gaurav Rastogi
 - b) Ramsundar Janakiraman
 - c) Kalyan Ghosh
 - d) Badri Ramaswamy
 - e) Joy J Chatterjee
2. Name and address of receiving party:
 - a) Name: Cisco Technology, Inc.
Address: 170 West 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: Rastogi (01/09/06) Janakiraman (01/06/06), Ghosh (01/09/06);
Ramaswamy (01/06/06) Chatterjee (12/22/05)

4. Application Number or Patent Number: Herewith

The title of the application is:

**TECHNIQUE FOR IMPLEMENTING VIRTUAL FABRIC MEMBERSHIP
ASSIGNMENTS FOR DEVICES IN A STORAGE AREA NETWORK**

5. Please send all correspondence concerning this document to:

**Beyer Weaver & Thomas, LLP
P.O. Box 70250
Oakland, CA 94612-0250
Customer Number: 022434**

6. Total number of applications and patents involved: 1

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

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Enclosed. |
| <input type="checkbox"/> | Charge to Deposit Account No. 500388 (Order No. _____). |
| <input checked="" type="checkbox"/> | Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. CISC458X1). |

Date: January 12, 2006

01/19/2006 EHAILE1 00000081 11332747

06 FC:6021

40.00 DA

Dean E. Wolf
Registration No. 37,260

Attorney Docket No. CISC458X1/11534

(Revised 9/03)

**PATENT
REEL: 017484 FRAME: 0071**

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

TECHNIQUE FOR IMPLEMENTING VIRTUAL FABRIC MEMBERSHIP ASSIGNMENTS FOR DEVICES IN A STORAGE AREA NETWORK

(Att. Docket No. CISC458X1/11534), (check one)

- ☒ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☐ which bears U.S. application No. _____ . (Not accompanying)
☐ which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to Cisco Technology, Inc., a California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706, ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue 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 representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. Inventor Signature: Gaurav Rastogi

Date: 01/09/06

State of California)
County of _____) ss.

On this _____ day of _____, in the year 200__, before me, _____, Notary Public, personally appeared Gaurav Rastogi, 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: Ramsundar Janakiraman

Date: JAN 6, 2006

State of California)
County of SUNNYVALE) ss.

On this _____ day of _____, in the year 200__, before me, _____, Notary Public personally appeared Ramsundar Janakiraman, 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: Kalyan Ghosh

Date: Jan 9, 2006

State of California)
County of _____) ss.

On this _____ day of _____, in the year 200__, before me, _____, Notary Public, personally appeared Kalyan Ghosh, 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 _____

4. Inventor Signature: Badrinarayan

Date: 1/6/06

(SEAL)

Badri Ramaswamy

State of California)

County of _____)

ss.

On this _____ day of _____, in the year 200____, before me, _____, Notary Public, personally appeared Badri Ramaswamy, 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)

5) Signature: _____
Typed Name: Joy J Chatterjee

Date: _____

If signed outside the United States of America, have two witnesses who also sign below:

1) Signature: _____
Printed Name: _____

Date: _____

2) Signature: _____
Printed Name: _____

Date: _____

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

TECHNIQUE FOR IMPLEMENTING VIRTUAL FABRIC MEMBERSHIP ASSIGNMENTS FOR DEVICES IN A STORAGE AREA NETWORK

(Atty. Docket No. CISC458X1/11534), (check one)

- ☒ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☐ which bears U.S. application No. _____ . (Not accompanying)
☐ which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to Cisco Technology, Inc., a California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706, ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue 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 representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. Inventor Signature: Gaurav Rastogi Date: _____

State of California)
)
County of _____) ss.

On this _____ day of _____, in the year 200____, before me, _____, Notary Public, personally appeared Gaurav Rastogi, 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: Ramsundar Janakiraman Date: _____

State of California)
)
County of _____) ss.

On this _____ day of _____, in the year 200____, before me, _____, Notary Public personally appeared Ramsundar Janakiraman, 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: Kalyan Ghosh Date: _____

State of California)
)
County of _____) ss.

On this _____ day of _____, in the year 200____, before me, _____, Notary Public, personally appeared Kalyan Ghosh, 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: _____

Revised 01/02, Assign US Notary

Badri Ramaswamy

State of California)

County of _____)

ss.

On this _____ day of _____, in the year 200__, before me, _____, Notary Public, personally appeared Badri Ramaswamy, 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)

5) Signature: *Joy J Chatterjee*
Typed Name: Joy J Chatterjee

Date: 22 DEC 2005

If signed outside the United States of America, have two witnesses who also sign below:

1) Signature: *B.k. Vijay*
Printed Name: VIJAY BELLUR

Date: 22 DEC 2005

2) Signature: *Vikas B. Dhariwarker*
Printed Name: VIKAS .B. DHARIWARKAR

Date: 22-DEC-2005