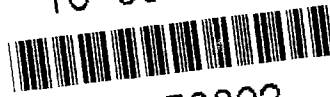


ASSIG

10-06-2004



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2 SHEET

22264 U.S. PTO
10/951499
092704

Commissioner of Patents:

Please record the attached document.

1. Name of conveying party:

- a) **Srinath Gundavelli**
- b) **Kent Leung**
- c) **Alpesh Patel**

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: September 23, 2004

4. Application Number or Patent Number: tba

The title of the application is: METHODS AND APPARATUS FOR BOOTSTRAPPING
MOBILE-FOREIGN AND FOREIGN-HOME AUTHENTICATION KEYS IN MOBILE IP

5. Please send all correspondence concerning this document to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778

Ph: (510) 843-6200
Fax: (510) 843-6203
Customer Number: 022434

9-27-04

6. Total number of applications and patents involved: 1

10951499

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

☒ Enclosed.

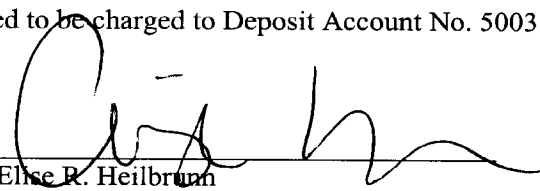
☒ Any additional fees are authorized to be charged to Deposit Account No. 500388
(Order No. CISC380).

Date: September 27, 2004

10/05/2004 ECOOPER 00000096 10951499

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Elise R. Heilbrunn
Registration No. 42,649

Total number of pages including this cover sheet, attachments and documents: 9

Attorney Docket No. CISC380/9182

(Revised 9/03)

PATENT
REEL: 015846 FRAME: 0266

ASSIGNMENT OF PATENT APPLICATION

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

METHODS AND APPARATUS FOR BOOTSTRAPPING MOBILE-FOREIGN AND FOREIGN-HOME AUTHENTICATION KEYS IN MOBILE IP

Atty. Docket No. **CISCP380/9182** (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: G. Srinath
Srinath Gundavelli

Date: 09/23/2004

State of California)

County of SANTA CLARA)

ss.

On this 23rd day of September 2004, before me, SHAM K. KOTA, Notary Public, personally appeared Srinath Gundavelli, 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 Sham K. Kota



2. Inventor Signature: _____
Kent Leung

Date: _____

State of California)

County of _____)

ss.

On this _____ day of _____, in the year 2004, before me, _____, Notary Public personally appeared Kent Leung, 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)

ASSIGNMENT OF PATENT APPLICATION

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METHODS AND APPARATUS FOR BOOTSTRAPPING MOBILE-FOREIGN AND FOREIGN-HOME AUTHENTICATION KEYS IN MOBILE IP

Atty. Docket No. **CISCP380/9182** (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)

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- 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: _____

Date: _____

Srinath Gundavelli

State of California)
)
County of _____) SS.

On this _____ day of _____, in the year 2004, before me, _____, Notary Public, personally appeared Srinath Gundavelli, 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: Kent Leung

Kent Leung

Date: 9/23/04

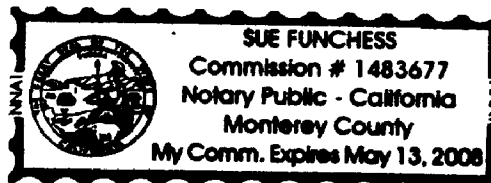
State of California)
)
County of Santa Clara) SS.

On this 23rd day of September, in the year 2004, before me, Sue Funchess, Notary Public personally appeared Kent Leung, 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 Sue Funchess

(SEAL)



3. Inventor Signature: _____

Date: _____

Alpesh Patel

State of California)

) ss.

County of _____)

On this _____ day of _____, in the year 2004, before me, _____, Notary Public, personally appeared Alpesh Patel, 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)

ASSIGNMENT OF PATENT APPLICATION

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

METHODS AND APPARATUS FOR BOOTSTRAPPING MOBILE-FOREIGN AND FOREIGN-HOME AUTHENTICATION KEYS IN MOBILE IP

Atty. Docket No. **CISCP380/9182** (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)

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- 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:** _____ **Date:** _____
Srinath Gundavelli

State of California)
)
County of _____) ss.

On this ____ day of _____, in the year 2004, before me, _____, Notary Public, personally appeared Srinath Gundavelli, 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:** _____ **Date:** _____
Kent Leung

State of California)
)
County of _____) ss.

On this ____ day of _____, in the year 2004, before me, _____, Notary Public personally appeared Kent Leung, 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: Alpesh Patel Alpesh Patel
Alpesh Patel

Date: 9/23/04

State of California)

County of SANTA CLARA)

ss.

On this 23 day of SEPTEMBER, in the year 2004, before me, P. M. ROMERO, Notary Public, personally appeared Alpesh Patel, ~~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

P. M. Romero

