ASSIGNMENT



102526696

To: Honorable Commissioner of Patents and Trademarks:

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

Alpesh Patel, Kent K. Leung, Stefan Raab and Gopal Dommety 1. Name of conveying party:

2. Name and address of receiving party:

Name:

Cisco Technology, Inc.

Address:

170 West Tasman Drive

San Jose, California 95134-1706

		_		
3.	Nature	of a	ONTIA	101100
J.	Ivaluic	OI (ישעווטכ	yanice

Assignment

Other

Merger

Security Agreement

Change of Name

License Agreement

Execution Date: August 4, 2003, August 1, 2003, July 25, 2003 and August 4, 2003

4. Application Number(s) or Patent Number(s): To be assigned.

The title of the (new) application is: METHODS AND APPARATUS FOR DYNAMIC SESSION KEY GENERATION AND REKEYING IN MOBILE IP

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

> Beyer Weaver & Thomas, LLP P.O. Box 778

Berkeley, CA 94704-0778

Ph: (510) 843-6200 Fax: (510) 843-6203

(Customer Number: 022434)

- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41): \$40.00

Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. CISCP334)

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.

August 5, 2003 Date:

08/15/2003 ECOOPER 00000217 500388

01 FC:8021 40.00 DA Elise R. Heilbrunn

Registration No. 42,649

Attorney Docket No. CISCP334/6994

(Revised 12/01)

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 DYNAMIC SESSION KEY GENERATION AND REKEYING IN MOBILE IP

(Atty	Docket No. CISCP334/6994), (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)
ackn	For good and valuable consideration, the receipt and sufficiency of which is hereby owledged, I, an undersigned inventor, hereby:
right. upon	Sell, assign and transfer to Cisco Technology, a California corporation having a place of ness at 170 West Tasman Drive, San Jose, California 95134-1706 ("ASSIGNEE"), the entire title and interest in any and all improvements and inventions disclosed in, applications based and patents granted upon (including foreign patents and the right to claim priority), the above-enced 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:	Date:
Alpesh Patel	
State of California)
County of) SS.
On this day of	, in the year 200_, before me, lic, personally appeared Suresh Satapati, personally
known to me (or proved to me on the basis of subscribed to the within instrument, and account of the contract	of satisfactory evidence) to be the person whose name is eknowledged to me that he/she executed the same in his/her signature on the instrument the person, or the
Notary Signature	(SEAL)
2. Inventor Signature: Kent K. Kent K. Leung State of California County of Santa claza.	Date: <u>0/1/03</u>) ss.
On this 1st day of Augustine Notary Pub known to me (or proved to me on the basis of subscribed to the within instrument, and according to the within instrument.	, in the year 2003, before me, lic, personally appeared Suresh Satapati, personally f satisfactory evidence) to be the person whose name is eknowledged to me that he/she executed the same in his/ber signature on the instrument the person, or the executed the instrument.
Notary Signature	K. L. DUBAL Commission # 1358818 Notary Public - California Santa Clara County My Comm. Expires May 31, 2006

3. Inventor Signature:			Date:
J	Stefan Raab	*	
State of California)	ss.	
County of			
known to me (or proved	, Notary Pub to me on the basis o	lic, personally f satisfactory ev	_, in the year 200, before me, appeared Suresh Satapati, personally vidence) to be the person whose name is
his/her authorized capa entity upon behalf of wh	city(ies), and that by	his/her signatu	o me that he/she executed the same in are on the instrument the person, or the strument.
Notary Signature			_ (SEAL)
4. Inventor Signature:	Gopal Dommety		Date:
State of California))	
County of))	ss.	
On this	_ day of , Notary Pub	lic, personally	_, in the year 200, before me, appeared Suresh Satapati, personally
known to me (or proved subscribed to the with his/her authorized capa entity upon behalf of wh	I to me on the basis on instrument, and accity(ies), and that by	f satisfactory excknowledged to his/her signatu	vidence) to be the person whose name is o me that he/she executed the same in are on the instrument the person, or the
Notary Signature			(SEAL)

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business right, titl upon, an	sell, assign and transfer to Cisco Technology, a California corporation having a place of at 170 West Tasman Drive, San Jose, California 95134-1706 ("ASSIGNEE"), the entire is and interest in any and all improvements and inventions disclosed in, applications based d patents granted upon (including foreign patents and the right to claim priority), the above-ed application.
resulting	Authorize and request the Commissioner of Patents to issue any and all United States Patents from said application or any division, continuation, substitute, renewal, re-examination or the ASSIGNEE.
perform applicati	Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, any acts which are reasonably necessary in connection with the prosecution of said on, as well as any derivative applications thereof, foreign applications based thereon, and/or rement of patents resulting from such applications.
the ASS	Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of IGNEE, its successors, assigns and other legal representatives, and shall be binding upon the , as well as the inventor's heirs, legal representatives and assigns.
	Varrant and represent that I have not entered and will not enter into any assignment, contract standing that conflicts with this assignment.
	Authorize and request my attorney/agent to insert above the application No. in order to assist ordal of this assignment.
s	igned on the date indicated beside my signature.

Revised 01/02, Assign US Notary

1. Inventor Signature: Alpesh Parel	h fal	SI .	Date: _	8/4/03
State of California)	SS.		
On this 4-14 day of 3-C-WALO, Not known to me for proved to me on the subscribed to the within instrument his/her authorized capacity(ies), and entity upon behalf of which the person WITNESS my hand and office Notary Signature	Accessory Public, e basis of saut, and acknowledge that by his/on acted, executively.	personally tisfactory e owledged to her signati	vidence), to be to me that he/slure on the instr	esn—satapati, personally he person whose name is se executed the same in
2. Inventor Signature:Kent K. Leu	ng		Date: _	
State of California)	SS.		
County of	´	33.		
On this day of, Not known to me (or proved to me on the subscribed to the within instrument	ary Public, e basis of sat	personally isfactory e	appeared Survidence) to be to	esh Satapati, personally he person whose name is
his/her authorized capacity(ies), and entity upon behalf of which the perso WITNESS my hand and offic	that by his/ n acted, exec	her signatu	re on the instr	
Notary Signature			_ (\$	SHAL)

3. Inventor Signature:	Date:				
.	Stefan Raab	N			
State of California)	ss.			
County of)				
On this	day of, Notary Public	, in the personally appeare	ne year 200, before me, d Suresh Satapati, personally		
known to me (or proved subscribed to the within his/her authorized capac entity upon behalf of whi	to me on the basis of some instrument, and acknowlity (les), and that by his	atisfactory evidence) lowledged to me that s/her signature on the	to be the person whose name is the/she executed the same in the instrument the person, or the		
Notary Signature			(SEAL)		
4. Inventor Signature: _	D. Gap J Gopal Dommety	Wyh D	ate: 8/4/03		
State of California)	\$\$.			
County of SAWES On this 4-77	day of AuGe	S7 , in the	ne year 2003, before me, de Suresh Satapati, personally to be the person whose name is		
subscribed to the within his/her authorized capac entity upon behalf of whi	n instrument, and ackn ity(jes), and that by his	owledged to me that s/per-signature on the	t he/she executed the same in construment the person, or the		
Notary Signature	Jh.O	1	J. C. WARD COMM. # 1304515 CONTRA COSTA COUNTY My Comm. Expires MAY 14, 2005 7		

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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, a California corporation having a place of business at 170 West Tasman Drive, San Jose, California 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, reexamination 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.

Authorize and request my attorney/agent to insert above the application No. in order to

Signed on the date indicated beside my signature.

Deviced 01/02 Accien TIC Notary

assist with recordal of this assignment.

1. Inventor Signature:				Date:	
· ·	Alpesh Patel				
State of California)	SS.		
County of		<u>_</u>	33.		
On this	day of	Doblis		, in the year 200, before me, ly appeared Suresh Satapati, personally	
upon behalf of which the WITNESS my ha	and and official s	seal.			
2. Inventor Signature:	Kent K. Leung			Date:	
State of California)	SS.		
County of		<u>´</u>	33.		
On this	day of, Notary	Public,	personal	, in the year 200, before me, ly appeared Suresh Satapati, 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

WITNESS my hand and official seal.

upon behalf of which the person acted, executed the instrument.

Notary Signature (SEAL)

Revived 01/02 Appins (15 Nother)

3. Inventor Signature:
State of California Vivalinia
County of Fairlax ss. Stefan R
On this 26 day of JUU,, in the year 2003, before me, Notary Public, personally appeared Surseh Satepart, 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 David Company (SEAL)
4. Inventor Signature: Date:
State of California)
County of) ss.
On this day of, in the year 200, before me,, Notary Public, personally appeared Suresh Satapati, 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)

Parisad ATMO Assiss TIC Noters

RECORDED: 08/05/2003