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TO THE HONORABLE COMM						4
SIR: PLEASE RECORD THE				R COPY TH	HEREOF.	0 25 w
1. NAME OF CONVEYING PA	ARTY(I	ES) (ASSIGNOR(S))	1	: O-b	: .11	/98/
<ol> <li>Amitava Das</li> <li>Randal Latta Dunn</li> </ol>		l Hol	3. Paul Aloy 4. Uwe Selle		iat	11
ADDITIONAL NAME(S) OF C	ONVE	'ING PARTY(IES) AT	·	_	XNO	J1
2. PARTY(IES) (ASSIGNEE(S		EIVING INTEREST:				
NAME: Cisco Technology, Inc ADDRESS: 170 West Tas	man D	rive, San Jose, CA 9	5134-1706			
ADDITIONAL NAME(S) & ADI	DRESS	(ES) ATTACHED?		YES	X	]NO
NATURE OF CONVEYANG     (Submit herewith only one conventors is one document)	CE (DC ocume	CUMENT): nt for recordation r	nultiple copies	of same As	ssignment signed	by different
X ASSIGNMENT OF	X WI	HOLE PAF	RT INTEREST	EXEC. D. October		
					09/985	27/
4. EXECUTION DATE(S) ON SEE ATTY!): October 12, 20	THE D	ECLARATION IF FIL d October 20, 2001	ED HEREWITI	H: ( <u>NOTE</u> :	IF DATES - DI	FFER
4.5 APPL. NO.(S) OR PAT N	D.(S).	OTHERS ON ADDIT	IONAL SHEET	(S) attache	ed? YES	X NO
A. PAT. APP. NO.(S) M# series code/serial no		1ST INVENTOR if not in item 1	B. PATENT	NO(S)	<b>M#</b>	1 <sup>ST</sup> INVENTOR if not in item 1
95-467	- 10/h o n	n Carragnandanaa	6. NUMBER	NIN/OLVE	<u> </u>	
<ol><li>Name &amp; Address of Party to Concerning Document Shoot</li></ol>	ild be N	Mailed:	i i		.b. 3: = TOTAL 1	
<b>Leon R. Turkevich</b> 2000 M Street , N.W. Suite 70 Washington, DC 20036-3307	)		7. AMOUNT ABOVE TOT	OF FEE F AL X \$40	ENCLOSED: (Co = \$ 40	de 581)
5.5 ATTY DKT:					NG OR INADEQUATION	
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Signature:						
Attorney: Leon R. Turkevich	Υ	li li	Total number of sheet, attach not file dup. Co		cluding this I document	7
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**PATENT** 

**REEL: 012296 FRAME: 0720** 

**Docket No.: 95-467** 

## **ASSIGNMENT**

WHEREAS WE, AMITAVA DAS of Chapel Hill, North Carolina, RANDAL L. DUNN of Cary, North Carolina, PAUL A. SCHMIDT of Cary, North Carolina and UWE SELLENTIN of San Jose, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ARRANGEMENT FOR ROUTING A RECEIVED SIGNALING MESSAGE BASED ON A SELECTED SUMMARY ROUTE IN AN SS7 NETWORK, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Cisco Technology, Inc., a corporation of the State of California and having an address of 170 West Tasman Drive, San Jose, CA 95134-1706 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cisco Technology, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

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PATENT REEL: 012296 FRAME: 0721

<b>Docket No.: 95-467</b>					
10-12-200( Date		Amitava da	itara	Das	
On this 12 day of day of to the within instrument and acknowledge.	me on the basis of sedged to me that he	atisfactory evider e executed the sa	nce) to be the pe me in his autho	erson whose name is orized capacity, and	subscribed that by his
signature on the instrument the person,	,	behalf of which th	e person acted,	executed the instrum	ient.
WITNESS my hand and official SEAL	Notary Public	_ m.S	nkue		
	My commission e	expires My Comm	ission Expires 6-15-200	33	
10-12-01 Date		RANDAL L. DI	1 Dem		
STATE OF NORTH CAROLINA COUNTY OF	) SS:				
On this 12 day of C DUNN, personally known to me (or prosubscribed to the within instrument and by his signature on the instrument t	l acknowledged to r	basis of satisfact ne that he execute	ory evidence) to ed the same in h	is authorized capacit	se name is y, and that
instrument.		upon con		p,	
WITNESS my hand and officia	ıl seal.	$\alpha \cdot \beta$	hux		
SEAL	Notary Public	L 111 '/ Y/			

My commission expires

My Commission Expires 6-15-2003

/0 - 12 - 200 l Date	PAUL A. SCHMIDT
personally known to me (or proved to to the within instrument and acknowl	) SS:
Date	UWE SELLENTIN
perrsonally known to me (or proved subscribed to the within instrument and	, 2001, before me personally appeared Uwe Sellentin, to me on the basis of satisfactory evidence) to be the person whose name is dacknowledged to me that he executed the same in his authorized capacity, and that the person, or the entity upon behalf of which the person acted, executed the al seal.
SEAL	Notary Public
	My commission expires

**Docket No.: 95-467** 

Docket No.: 95-467

## **ASSIGNMENT**

WHEREAS WE, AMITAVA DAS of Chapel Hill, North Carolina, RANDAL L. DUNN of Cary, North Carolina, PAUL A. SCHMIDT of Cary, North Carolina and UWE SELLENTIN of San Jose, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ARRANGEMENT FOR ROUTING A RECEIVED SIGNALING MESSAGE BASED ON A SELECTED SUMMARY ROUTE IN AN SS7 NETWORK, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Cisco Technology, Inc., a corporation of the State of California and having an address of 170 West Tasman Drive, San Jose, CA 95134-1706 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cisco Technology, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Docket No.: 95-467	
Date	AMITAVA DAS
STATE OF NORTH CAROLINA COUNTY OF	) SS: _)
On this day of personally known to me (or proved to n to the within instrument and acknowled	, 2001, before me personally appeared AMITAVA DAS, ne on the basis of satisfactory evidence) to be the person whose name is subscribed dged to me that he executed the same in his authorized capacity, and that by his or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official	I seal.
SEAL	Notary Public
	My commission expires
Date	RANDAL L. DUNN
Dute	AS ENDER D. DONAY
STATE OF NORTH CAROLINA COUNTY OF	) SS:
On this day of DUNN, personally known to me (or pr	, 2001, before me personally appeared RANDAL L. oved to me on the basis of satisfactory evidence) to be the person whose name is
	acknowledged to me that he executed the same in his authorized capacity, and that ne person, or the entity upon behalf of which the person acted, executed the
WITNESS my hand and official	l seal.
SEAL	Notary Public
	My commission expires

Docket No.: 95-467	
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Date	PAUL A. SCHMIDT
STATE OF NORTH CAROLINA	
	) SS:
COUNTY OF	_)
On this day of	, 2001, before me personally appeared Paul A. Schmidt,
	ne on the basis of satisfactory evidence) to be the person whose name is subscribed alged to me that he executed the same in his authorized capacity, and that by his
signature on the instrument the person, o	the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official	seal.
SEAL	Notary Public
	My commission expires
	1/01/0
10/20/0/	$\mathcal{L}_{\mathcal{L}}$
Date	UWE SELLENTIN
STATE OF NORTH CAROLINA	
	) \$S:
COUNTY OF	_)
On this day of	, 2001, before me personally appeared Uwe Sellentin, to me on the basis of satisfactory evidence) to be the person whose name is
perronally known to me (or proved	to me on the basis of satisfactory evidence) to be the person whose name is acknowledged to me that he executed the same in his authorized capacity, and that
by his signature on the instrument the	ne person, or the entity upon behalf of which the person acted, executed the
instrument.	
WITNESS my hand and officia	l seal.
SEAL	Notary Public
	My commission expires

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