10-17-2001 

FORM PTO-1596 1-31-92

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

	ATENTS ONLY
To the Honorable Commissioner of Patents and Trademarks	: Please record the attached original documents or copy thereto:
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):
Kenneth Kinnear, Jr., Mark Stapp, Richard Johnson	Name. Cisco reciniology, mc.
	Internal Address:
Additional name(s) of conveying party(ies) attached?   Yes	<u> </u>
3. Nature of Conveyance:	1009
	Street Address: 170 West Tasman Drive
☐ Security Agreement ☐ Change of Name	
Other	City: San Jose State/Country CA ZIP: 95134-
	1706
Execution Date: 10/4/01, 8/31/01, 8/31/01	Additional name(s) & address(es) attached?  Yes
A Application number(s) or natest number(-):	
<ol> <li>Application number(s) or patent number(s):</li> <li>If the document is being filed together with a new application,</li> </ol>	the execution date of the application is: 10/4/01 9/21/01 9/21/01
A. Patent Application No(s).	the execution date of the application is: 10/4/01, 8/31/01, 8/31/01  B. Patent No(s).
A. I await Application Projet.	D. 1 atem 110(s).
Additional numb	pers attached?  Yes
5. Name and address of party to whom correspondence concerning	
document should be mailed:	
Name: Hickman Palermo Truong & Becker LLP	7. Total fee (37 CFR 3.41) \$40.00
Internal Address:	⊠ Enclosed
	Authorized to be charged to deposit account
Street Address: 1600 Willow Street.	8. Deposit account number:
	50-1302
City: San Jose State: CA Zip: 95125	
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9. Statement and signature.	
To the best of my knowledge and belief, the foregoing in	formation is true and correct and any attached copy is a true copy
of the original document.	
	Charle de - Pol
Christopher J. Palermo, Reg. No. 42,056	October 4, 2001
Name and Registration No. of Person Signing	Signature Date:
	Total number of pages comprising cover sheet: 1
CMB No. 0851-0011 (exp. 4/94)	10/11/2001 AADDFO1 00000024 09972139
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EXPRESS MAIL LABEL NO. EL734970900US

**PATENT** 

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**REEL: 012244 FRAME: 0666** 

Docket No.: 50325-0591 (4586)

## **ASSIGNMENT**

Patent, entitled TECHNIQUES FOR DYNAM				
West Tasman Drive, San Jose, CA 95134-1706 is desir	rporation of the State of California and having an address of 170 rous of acquiring the entire right, title and interest in and to said the United States and foreign countries which may be obtained			
acknowledged, we do hereby sell, assign, transfer and successors, and assigns, the entire right, title and intercapplication, including any continuations, continuations-i	onsideration, the receipt for and sufficiency of which is hereby set over unto Cisco Technology, Inc., its legal representatives, est in and to said invention as set forth in the above-mentioned n-part, divisions, reissues, re-examinations or extensions thereof, foreign countries which may be issued for said invention;			
or do any act whatsoever conflicting with these present additional consideration but at the expense of said assig do such additional acts as said assignee may deem neces and render all necessary assistance in making applicantinuations-in-part, reexamined, reissued, or extended countries on said invention, and in enforcing any rights patents, by giving testimony in any proceedings or trans	agree with the said assignee that we will not execute any writing s, and that we will, at any time upon request, without further or mee, execute such additional assignments and other writings and sary or desirable to perfect the assignee's enjoyment of this grant, ication for and obtaining original, divisional, continuations, d Letters Patent of the United States or of any and all foreign or choses in action accruing as a result of such applications or factions involving such applications or patents, and by executing erstood that the foregoing covenant and agreement shall bind, and es of assignor and assignee;			
AND we 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.				
(0/4/01	1.122			
Date	KENNETH KINNEAR, JR.			
Date	MARK STAPP			
Date	RICHARD JOHNSON			

PATENT REEL: 012244 FRAME: 0667 Docket No.: 50325-0591 (4586)

## <u>ASSIGNMENT</u>

STAPP	WHEI of	Belmont,	MASSuchusetts	
		iled TECHNIQUE	S FOR DYNAM CLIENT AND SERV	invention as set forth in an application for United States Letters IIC HOST CONFIGURATION WITHOUT DIRECT/ER, executed by us on the date of execution of this document,
	asman on and	Drive, San Jose, CA	95134-1706 is desired	poration of the State of California and having an address of 170 bus of acquiring the entire right, title and interest in and to said the United States and foreign countries which may be obtained
acknow successor applicat	ledged ors, an ion, in	, we do hereby sell, d assigns, the entire cluding any continual	assign, transfer and s right, title and interes- tions, continuations-in	nsideration, the receipt for and sufficiency of which is hereby set over unto Cisco Technology, Inc., its legal representatives, at in and to said invention as set forth in the above-mentioned -part, divisions, reissues, re-examinations or extensions thereof, foreign countries which may be issued for said invention;
or do ar addition do such and ren continua countrie patents, prelimir	ny act al con addition ations- s on s by give	whatsoever conflicting sideration but at the conal acts as said assiguable in the conal acts as said assiguable in the conal acts as said assiguable in the conal acts are considered in the conal acts and in the conal acts and other affine side in the conal acts and other affine side in the conal acts and other affine acts and other affine side in the conal acts and other affine acts and other affine side in the conal acts and acts are conal acts as a said assignment acts and acts are conal acts as a said assignment acts are considered acts and acts are conal acts as a said assignment acts are considered acts and acts are considered acts are considered acts and acts are considered acts are considered acts are considered acts and acts are considered acts are considered acts and acts are considered acts are considered acts are considered acts and acts are considered acts are considered acts are considered acts and acts are considered acts are considered acts are considered acts and acts are considered acts are considered acts and acts are considered acts are considered acts are considered acts and acts are considered acts are considered acts and acts are considered acts and acts are considered acts are considered acts and acts are considered acts and acts are considered acts are considered acts are considered acts are considered acts are considere	expense of said assignate may deem necessale in making appliate in making any rights proceedings or transatidavits, it being under	gree with the said assignee that we will not execute any writing, and that we will, at any time upon request, without further or see, execute such additional assignments and other writings and ary or desirable to perfect the assignee's enjoyment of this grant, cation for and obtaining original, divisional, continuations, Letters Patent of the United States or of any and all foreign or choses in action accruing as a result of such applications or actions involving such applications or patents, and by executing stood that the foregoing covenant and agreement shall bind, and a of assignor and assignee;
AND we 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.				
Date				KENNETH KINNEAR, JR.
Date 9	31/2	/po (		MS H2 M MARK STAPP
Date				RICHARD JOHNSON

PATENT REEL: 012244 FRAME: 0668 Docket No.: 50325-0591 (4586)

**RECORDED: 10/17/2001** 

## **ASSIGNMENT**

		S WE, KENNETH KI				(City, State), MAN of Sanhabarbar	<b>A</b> RK
Patent, COMM	entitled IUNICATIO	TECHNIQUES FO	new and useful i OR DYNAM NT AND SERV	invention as set in IC HOST (	forth in an applica CONFIGURATIO	ation for United States Le	etters ECT
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success applica	vledged, we sors, and ass ition, includi	do hereby sell, assign signs, the entire right, ing any continuations, of	n, transfer and s title and interes continuations-in-	et over unto Cist in and to said part, divisions,	sco Technology, invention as set reissues, re-exami	ufficiency of which is he Inc., its legal representat forth in the above-mentionations or extensions the ued for said invention;	tives, oned
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which the sol	may be issu	equest the Commission ed for said invention to he entire right, title and	said Cisco Tec	hnology, Inc., it	s legal representar	ers Patent of the United Stives, successors or assign vered thereby.	itates is, as
Date			- ale grane and a second and a se	KENNETH K	NNEAR, JR.		Manager - Virtual aurone
Date				MARK STAP	P		
Date	8/31/	01	restructurar en constructiva de la	RICHARD JO	HNSØN	May	
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PATENT REEL: 012244 FRAME: 0669