CISCO-Assignment Recordation Cover Sheet.wpd	Attorney Docket No.: CIS03-52(7766)			
<b>RE</b> 11-17-	<sup>2003</sup> R SHEET			
11/07/03	PT0			
To the Honorable Commissione. 102601	416 ttached original documents or copy thereof.			
Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Liping Zhu Executed: November 5, 2003 Jin Zhang Executed: November 5, 2003 Jonathan L. Lemon Executed: November 5, 2003 Zheng Yang Executed: November 5, 2003	2. Name and address of receiving party(ies)  Name : Cisco Technology, Inc.  Internal Address:			
Additional name(s) of conveying party(ies) attached? [] Yes [X] No				
3. Nature of conveyance:	Street Address: 170 West Tasman Drive			
[X] Assignment [] Merger				
[ ] Security Agreement [ ] Change of Name	City: San Jose State: CA ZIP: 95134- 1706			
[ ] Other				
Execution Date: November 5, 2003, November 5, 2003 November 5, 2003, November 5, 2003	Additional name(s) & address(es) attached? [ ] Yes [ X ] No			
A. Patent Application No.(s) 3/2003 HMARZI1 00000028 10703825 2:8021 40.00 0P  Additional numb	pers attached? [ ] Yes [x] No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]			
Name: Barry W. Chapin, Esq.	7. Total Fee (37 C.F.R. 3.41) \$ 40.00			
Internal Address:	[X] Enclosed with application filing fee			
CHAPIN & HUANG, L.L.C.	[ X ] Authorized to charge any deficiencies or credit any overpayment to deposit account [ ] Authorized to be charged to deposit account			
Street Address: Westborough Office Park	8. Deposit account number:			
1700 West Park Drive	50-0901			
City: Westborough State: MA ZIP: 01581	(Attach duplicate copy of this page if paying by deposit account)			
DO NO	T USE THIS SPACE			
9. Statement and signature.  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.				
Paul P. Kriz, Esq.	and Hile November 7, 2003			
Name of Person Signing	Signature Date			
Total number of pages including of	cover sheet, attachments, and document: [5]			

Attorney Docket No.: CIS03-52(7766)

Joint

## **ASSIGNMENT**

WHEREAS, we, Liping Zhu, Jin Zhang, Jonathan L. Lemon, and Zheng Yang have invented a certain improvement in METHODS AND APPARATUS FOR SUPPORTING TRANSMISSION OF STREAMING DATA described in an application for Letters Patent of the United States, the specification of which:

[X]	is being executed on even date herewith and is about to be filed in the United States Patent Office;	
[]	was filed on	_ as U.S. Application No
[]	was patented under U.S. Patent	t Noon

WHEREAS, Cisco Technology, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California and having a usual place of business at 170 West Tasman Drive, San Jose, California 95134-1706 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment. being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein:

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal

PATENT REEL: 014690 FRAME: 0914 representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

las cambass	1.32	
Inventor:_	Liping Zhu	
Dated:	NOV 05, 2003	
Inventor:_	Jin Zhang	
Dated:	NOV. 05 . 2003	
Inventor:_	Jonathan L. Lemon	
Dated:		
Inventor:_	Zheng Yang	

Attorney Docket No.: CIS03-52(7766)

Joint

## **ASSIGNMENT**

WHEREAS, we, Liping Zhu, Jin Zhang, Jonathan L. Lemon, and Zheng Yang have invented a certain improvement in METHODS AND APPARATUS FOR SUPPORTING TRANSMISSION OF STREAMING DATA described in an application for Letters Patent of the United States, the specification of which:

[X]	is being executed on even date herewith and is about to be filed in the United States Patent Office;		
[]	was filed on	as U.S. Application No	
[]	was patented under U.S	. Patent Noon	

WHEREAS, Cisco Technology, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California and having a usual place of business at 170 West Tasman Drive, San Jose, California 95134-1706 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein:

**AND**, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal

PATENT REEL: 014690 FRAME: 0916 representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

**AND**, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

**RECORDED: 11/07/2003** 

Inventor:
Liping Zhu
Dated:
Inventor:
Jin Zhang
Dated:
:
Inventor: Jonathan L. Lemon
Jonathan L. Lemon  Dated: Novamber 5, 2003
Inventor: Zheng Yang
Zileng rang
Dated:

PATENT REEL: 014690 FRAME: 0917