PAT 05-0	04-1999 HEET S ONLY
1123.4.1.	
SIR: PLEASE RECORD THE ATTAC. 1010	029012 COCCUMENTS OR COPY THEREOF.
1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):	
	X-7/
1. Jiashu Chen	
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?  YES  X NO	
<ol><li>PARTY(IES) (ASSIGNEE(S)) RECEIVING INTERE</li></ol>	ST:
NAME: Lucent Technologies Inc.  ADDRESS: 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636  ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?  YES  X NO	
<ol> <li>NATURE OF CONVEYANCE (DOCUMENT):         (Submit herewith only one document for recordation multiple copies of same Assignment signed by different inventors is one_document)     </li> </ol>	
X ASSIGNMENT OF X WHOLE	PART INTEREST <b>EXEC. DATE</b> : <b>March 30, 1999</b>
CHANGE OF NAME VERIFIED TRANSLATION  SECURITY MERGER OTHER:	
4. EXECUTION DATE(S) ON THE DECLARATION <u>IF</u> FILED HEREWITH: ( <u>NOTE</u> : IF DATES ↑↓ DIFFER	
<u>SEE ATTY</u> !): May 11, 1998	
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES X NO	
A. PAT. APP. NO.(S) M#: 1ST INVER	NTOR B. PATENT NO(S) M# 1 <sup>ST</sup> INVENTOR if not in item 1
09/190,207 73-853 Chen	
5. Name & Address of Party to Whom Correspondence	ce 6. NUMBER INVOLVED:
Concerning Document Should be Mailed:	APPLNS <u>1</u> + PATS:_ = TOTAL <u>1</u>
FARKAS & MANELLI, P.L.L.C.	7. AMOUNT OF FEE ENCLOSED: (Code 581)
2000 M Street, N.W. 7 <sup>th</sup> Floor Washington, DC 20036-3307	ABOVE TOTAL X \$40 = \$ 40
5.5 ATTY DKT:	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
73-853  CHEN-4	INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 12-2325 UNDER ORDER NO:   CHEN   4
MATTER NO. CLIENT REF.	dup. sheet not required CLIENT/MATTER
	ny knowledge and belief, the foregoing information is true and
correct and any attached copy is a true copy of the original document.	
Attorney: William H. Bollman Reg. No. 36,457	10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)
Atty/Sec:	
TEL: (202) 261-1020	Date: April 5, 1999 Fax: (202) 887-0336

FILE WITH PTO RETURN RECEIPT

PATENT REEL: 9938 FRAME: 0242

## ASSIGNMENT AND AGREEMENT

For value received, I, Jiashu CHEN, of Holmdel, in the County of Mamouthand State of New Jersey hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to METHOD AND APPARATUS FOR REGULARIZING MEASURED HRTF FOR SMOOTH 3D. DIGITAL AUDIO described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. they may designate.

PATENT REEL: 9938 FRAME: 0243

I agree that, when requested, I shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

past the

Date: 3/30/99

United States of Amereica

State of New Jersey )ss.: 391-94-0460 City of Monmouth

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_\_, 19<u>99</u>, before me personally came Jiashu CHEN, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

**Notary Public** 

ANGELA F. SMITH NOTARY PUBLIC OF NEW JERSEY MY COMMISSION EXPIRES MARCH 6, 2002

Angela F Smith

Lucent Technologies Inc. 600 Mountain Avenue (Room 3C-512) P. O. Box 636 Murray Hill, New Jersey 07974-0636

**RECORDED: 04/05/1999** 

PATENT **REEL: 9938 FRAME: 0244**