FORM PTO-1596 MRD 10:22 .98 RECI	40.00	1000		ILS DEPARTMENT	
(Rev. 6-93)	10-30-	1998	8 HEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
Tab eattings □□□▼			▼	_	
To the Honorable Commissioner of Patt	100864			documents or cop	v thereof
Name of conveying party(ies):	. 0000	I .		party(ies)	
Jill MacDonald Boyce					
				ologies Inc.	4 80
Additional name(s) of conveying party(ies) attached?	Yes S No	Internal Ad	ldress:		U.S. 177008
3. Nature of conveyance:					09/ 10/
Assignment 🔾 I	Merger	Street Add	ress: 600 Mo	untain Avenu	ie =
☐ Security Agreement ☐ (Change of Name		P.O. B	lox 636	
☐ Other		City: <u>Mur</u>	ray Hill	State: NJ	07974- _ ZIP: <u>0636</u>
Execution Date: Oct. 21, 1998		Additional ne	me(s) & address(s	e) attached? 🗅 Yes	1 20 No
4. Application number(s) or patent number(s):				
If this document is being filed together wit	h a new apolicatio	n the execution o	late of the anni	ication is: Oct.	21, 1998
			• • • • • • • • • • • • • • • • • • • •		
A. Patent Application No.(s)		B. Patent	No.(8)		
	Additional numbers at	tached? 🗆 Yee 🕮 N	lo		
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:			
Name: Docket Administrator		7 Total fee /	7 CEP 2 41)	e 40 00	F
Internal Address: Room 3C-512		7. Total fee (37 CFR 3.41)\$ 40.00			
		□ Authori	red to be obse	and to denocit or	
		e Autori	Zed to de Crisi	ged to deposit ad	count
Street Address: 600 Mountain Avenue		8. Deposit account number:			
P.O. Box 636		12-2325			
City: <u>Murray H111</u> State: <u>NJ</u> /28/1998 MGUYEN -00000062 122325 09177008	07974- ZIP: <u>0636</u>	(Attach duplic	cate copy of this p	age if paying by depo	osit account)
FC1581 40.00 CH	DO NOT US	E THIS SPACE			
 Statement and signature. To the best of my knowledge and belief, the original document. 	ne foregoing inform	eation is true and o	COTTECT AND ANY	y attached copy i	s a true copy of
Stephen M. Gurey	Attol	Signature	rieg	Oct	22,1498
Name of Person Signing	410	Signature	/	3	Date
Total num	ber of pages including	cover sheet, attachm	ents, and docume	m: <u>L</u>	
	to be recorded with r			;	

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

REEL: 9538 FRAME: 0590

ASSIGNMENT AND AGREEMENT

For value received, I, Jill MacDonald Boyce, of Manalapan in the County of Mon-State of New Jersey, hereby sell, assign and 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 Transmitting MPEG Video Over The Internet described in an application for Letters Patent of the United States, executed by me 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 me, 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. may designate.

PATENT REEL: 9538 FRAME: 0591

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.

Jul Morporal Boyce
Jill MacDonald Boyce

Date: 10/21/98

United States of America

State of New-Jersey County of Union

personally came Jill MacDonald Boyce, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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

> **PATENT RECORDED: 10/22/1998** REEL: 9538 FRAME: 0592