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FORM PTO-1595 (Modified)

U.S. DEPARTMENT OF COMMERCE

et No.: ADAMS 8-9-25-168-17-8-26

Patent and Trademark Office

i ab serings	Patent and Trademark Office 0.3. DEPARTMENT OF COMMERCE Patent and Trademark Office
	Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name: LUCENT TECHNOLOGIES INC
Additional names(s) of conveying party(ies)	Internal Address: P. O. BOX 636 Street Address: 600-700 MOUNTAIN AVENUE City: MURRAY HILL State: NJ ZIP: 07974 Additional name(s) & address(es) attached?
A. Patent Application No.(s) 09/237,124 Additional numbers attace	B. Patent No.(s) thed? □ Yes ☒ No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: GLEN E. BOOKS, ESQ. Internal Address: MATHEWS, COLLINS, SHEPHERD & GOULD, P.A. 03/04/1999 TLUU11 00000102 122325 09237124	7. Total fee (37 CFR 3.41):\$ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account
Street Address: 100 THANET CIRCLE, SUITE 306 City: PRINCETON State: NJ ZIP: 08540	8. Deposit account number: 12-2325
9. Statement and signature.	ation is true and correct and any attached copy is a true copy FEBRUARY 25, 1999 Signature Date

ASSIGNMENT AND AGREEMENT

For value received, we, Laura Ellen Adams of Basking Ridge in the County of Somerset, Benjamin John Eggleton of Berkeley Heights in the County of Union and State of New Jersey, Rolando Patricio Espindola of Chatham in the County of Morris and State of New Jersey, Sungho Jin of Millington in the County of Morris and State of New Jersey, Hareesh Mavoori of Berkeley Heights in the County of Union and State of New Jersey, John A. Rogers of New Providence in the County of Union and State of New Jersey, and Thomas Andrew Strasser of Warren in the County of Somerset and 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 OF MAKING OPTICAL CHIRPED GRATING WITH AN INTRINSICALLY CHIRPED GRATING AND EXTERNAL GRADIENT 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 we 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.

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.

Jaure Ellen Adams

aura Ellen Adams

Date: 02/15/99

United States of America

State of New Jeesey) ss.:

City of Umon)

On this 15 day of February, 1999, before me personally came Laura Ellen Adams, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

SHEILA R. COLE A NOTARY PUBLIC OF NEW JERSEY My Commission Expires 10/18/2000

	Benjamu John Egglillo Benjamin John Eggleton
Date: 2-15-99	
United States of America)	
State of Michigan) ss. County City of Michigan) On this	19 <u>99</u> , before me left and section instrument, and acknowledged
Date: 2/15/98	Notary SHENIA R. COLE A NOTARY PUBLIC OF NEW JERSE My Commission Expires 10/18/20 Rolando Patricio Espindola Rolando Patricio Espindola
United States of America)	
personally came Rolando Patricio Es	: Jiburary, 19 99, before me pindola, to me known to be the individual foregoing instrument, and acknowledged
	Sherla R. Cole

SHEILA R. COLE
A NOTARY PUBLIC OF NEW JERSEN
My Commission Expires 10/18/2000

Notary Public

. /	Angle In
Date: 2/15/99	Sungho Jin
United States of America)	
State of) s	s.:
County (City of Union)	
personally came Sungho Jin, to me kr	of <u>Jebruary</u> , 19 <u>99</u> , before me nown to be the individual described in and who d acknowledged execution of the same.
	Sheila R. Cele
	A NOTARY PUBLIC OF NEW JERSEY My Commission Expires 10/18/2000
	M. Hancest
Date: 2/15/99.	Hareesh Mavoori
United States of America)	
State of New Jersey)s	s.:
	of Jebruary, 1999, before me one known to be the individual described in
On thisday of personally came Hareesh Mavoori, to and who executed the foregoing instance.	of <u>telecuary</u> , 19 <u>99</u> , before me to me known to be the individual described in trument, and acknowledged execution of the
	Meila R. Cole
	Notary Public

SHEILA R. COLE
A NOTARY PUBLIC OF NEW JERSE
My Commission Expires 10/18/20

PATENT

REEL: 009804 FRAME: 0862

	John A. Rogers
	Date: 2/17/99
	United States of America)
	State of her glion) ss.:
house	gity of Union) 10
)·•/11	On this
	Notary Public

ANNABELLE L. SHORT NOTARY PUBLIC OF NEW JERSEY USA My Commission Expires Jan. 20, 2000

United States of America

) ss.:

County Union

personally came Thomas Andrew Strasser, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

SHEILA R. COLE

A NOTARY PUBLIC OF NEW JERS

My Commission Expires 10/18/20:

Lucent Technologies Inc.

600 Mountain Avenue (Room 3C-512)

P. O. Box 636

Murray Hill, New Jersey 07974-0636

RECORDED: 03/01/1999

PATENT

REEL: 009804 FRAME: 0864