FORM PTO - 1595 08 - 12 - 19		
MRA 8-5-98  100791206  -EET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
Name of conveγing party(ies):     Edwin Arthur Chandross Christi Kay Madsen     Arturo Hale Ronald Edward Scott:     Valerie Jean Kuck Joseph Shmulovich     Edward John Laskowski  Additional name(s) of conveying party(ies) attached? □ yes ☑ no	2. Name and address of receiving party(ies)  Name: Lucent Technologies Inc. 2  Internal Address: 25	
3. Nature of conveyance:	091	
Assignment	Street Address: 600 Mountain Avenue P. O. Box 636	
☐ Security Agreement ☐ Change of Name	City: Murray Hill State: NJ ZIP 07974 - 0636	
Other	0636 Additional name(s) & address(es) attached? ☐ yes 🔼 no	
A. Patent Application No.(s)	Detent No (a)	
	B. Patent No.(s) <i>O9</i> /129522  ached? □ yes □ no	
Additional numbers att  5. Name and address of party to whom correspondence concerning document should be mailed:	09/129522	
5. Name and address of party to whom correspondence concerning document should be mailed:    Docket Administrator - Room 3C-512     Lucent Technologies Inc.	ached?   yes   no	
Additional numbers att  5. Name and address of party to whom correspondence concerning document should be mailed:  Docket Administrator - Room 3C-512	ached? yes no  6. Total number of applications and patents involved:	
5. Name and address of party to whom correspondence concerning document should be mailed:    Docket Administrator - Room 3C-512     Lucent Technologies Inc.	ached? yes no  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)\$ 40.00	
5. Name and address of party to whom correspondence concerning document should be mailed:    Docket Administrator - Room 3C-512     Lucent Technologies Inc.	ached?   yes   no  6. Total number of applications and patents involved:	
5. Name and address of party to whom correspondence concerning document should be mailed:  Docket Administrator - Room 3C-512  Name: Lucent Technologies Inc.  Internal Address:	ached?   yes   no  6. Total number of applications and patents involved:	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Docket Administrator - Room 3C-512 Lucent Technologies Inc.  Internal Address:  Street Address  P. O. Box 636  City Murray Hill State NJ ZIP 07 374 - 0636	Authorized to be charged to deposit account  All Ja95aa  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)\$40.00  □ Enclosed □ Authorized to be charged to deposit account	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Docket Administrator - Room 3C-512 Lucent Technologies Inc.  Internal Address:  Street Address  P. O. Box 636  City Murray Hill State NJ ZIP 07 374 - 0636	And And Andrews And Parkents involved:  7. Total fee (37 CFR 3.41)	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Docket Administrator - Room 3C-512 Lucent Technologies Inc.  Internal Address:  Street Address  600 Mountain Avenue  P. O. Box 636  City Murray Hill State NJ ZIP 07 374 - 0636  OB/11/1998 DNGUYEN 00000157 122325 09129522 00 NOT US	ached? yes no  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Docket Administrator - Room 3C-512  Name: Lucent Technologies Inc.  Internal Address:  Street Address  600 Mountain Avenue  P. O. Box 636  City Murray Hill State NJ ZIP 07 374 - 06/36  Object Address October 122325 09129522 October 122325	ached?   yes   no  6. Total number of applications and patents involved:	

## ASSIGNMENT AND AGREEMENT

For value received, we, Edwin Arthur Chandross, of Murray Hill, in the County of Union and State of New Jersey, Arturo Hale, of New York, in the County of New York and State of New York, Valerie Jeanne Kuck, of Upper Montclair, in the County of Essex and State of New Jersey, Edward John Laskowski, of Scotch Plains, in the County of Union and State of New Jersey, Christi Kay Madsen, of South Plainfield, in the County of Middlesex and State of New Jersey, Ronald Edward Scotti, of White House Station, in the County of Hunterdon and State of New Jersey, and Joseph Shmulovich, of Murray Hill, in the County of Union 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, USA, 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 TUNABLE DIRECTIONAL OPTICAL WAVEGUIDE COUPLERS 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.

We 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 reaties, conventions, or agreements

We 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.

PATENT REEL: 9369 FRAME: 0276

We 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.

We agree that, when requested, we 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.

Edwar acther Chandron

Edwin Arthur Chandross

Date: 31 July 19 98

United States of America

State of New Jersey ) is:

County of United )

On this 31 day of 10 clay 1998, before me personally came Edwin Arthur Chandross, to meknown to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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

PATENT REEL: 9369 FRAME: 0277

Otto Hole	
Date: 7-3/(98	
United States of America	
State of New Jersey ) ss.	
State of New Jersey ) ss.  County of Union )	
On this 3/2t day of July, 19 98, before n personally came Arturo Hale, to me known to be the individual described in and whexecuted the foregoing instrument, and acknowledged execution of the same.	1e 10
Sheila R. Cole Notary Public	

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

Valerie Jeanne Kuck

Date:  $\frac{7/30/98}{}$ 

United States of America

State of New Jeesey ) ss.

County of Union )

On this 30 day of 1998, before me personally came Valerie Jeanne Kuck, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

SHEILA R. COLE

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 10/18/2000

Notary Public

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

Sheel R. Cole

Chirt Kay Maden

Christi Kay Madsen

Date: 7-30-98

United States of America )

State of New Jewey ) ss

County of Union )

On this 30 day or July 1998, before me personally came Christi Kay Madsen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

SHEILA R. COLE

PUBLIC OF NEW JERSEY

Sommission Expires 10/18/2000

**Notary Public** 

Renald Edward

United States of America

State of New Jersey ) ss.

County of Union

On this 31 st day of July 1998, before me personally came Ronald Edward Scotti, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

SHEILA R. COLE
PUBLIC OF NEW JERSEY
ON Commission Expires 10/18/2000

**Notary Public** 

	J. Show hovel
Date: 7 30 98	Joseph Shmulovich
United States of America	
State of New Jersey 1 ss.  County of Union )	
County of Union )	
On this 30 day of personally came Joseph Shmulovich, to m who executed the foregoing instrument, and	July 19 98, before me known to be the individual described in and dacknowledged execution of the same.

PATENT REEL: 9369 FRAME: 0283

Shaila R. Cola

Notary Public

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