	NED 11.20.98		12-02-1	1998				
	Form PTO-1595 (Rev 6-93) OMB No. 0651-0011 (exp. 4/94)	RE	100909	760	U.S. DEPARTMENT Patents and	OF COMMERCE Trademark Office		
_	o the Honorable Commissioner	of Patents	and Trademarks:	Please record the at	tached original documents	or copy thereof.		
	1. Name of conveying party(ies): V. J. AKSYUK B. P. BARBER O. J. BISHOP C. R. GILES L. W. STULZ R. R. RUEL Additional name(s) of conveying part 3. Nature of conveyance: MP 21 Assignment I Security Agreement	D -∂ □ Mer	20-98	Name: Lucent 7 Internal Address Street Address: 0	as of receiving party(ies): Fedenologies Inc. E 600 Mountain Avenue, Room PO Box 636 II State: N.J. Zip: 0792			
	Other Execution Date: <u>NOV. 12, 13 and 18, 1998</u>			Additional name(s) & address(cs) entered? 🗆 Yes 🗔 No				
	 Application number(s) or patent to If this document is being filed top 	a new application, th	e execution date of th	e application is: <u>NOV. 12.</u>	13+18,1998			
	A. Patent Application No(s). 09/197317			B. Patent No(s). iachod? 🖸 Ycs 🖬 N	а Га			
	 Name and address of party to whom correspondence concerning document should be addressed: 							
	Name: Arthur J. Torsiglieri Internal Address:			7. Total fee (37 CF) D Enclosed S Authorized to	R 3.41): \$40.00 o be charged to deposit accou	nt		
	Street Address: 2 Linden Lane City: Chatham State: NJ Zip: 07928		 Beposit Account Number: Deposit Account No. 12-2325 (Attack duplicate copy of this page if paying by deposit account) 					
	DO NOT USE THIS SPACE Statement and nignature 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.							
	Arthur J. Tornistieri							
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments 2/01/1998 SBURNS 00000010 122325 09197317 40.00 CH PATENT REEL: 9607 FRAME: 0462								

ASSIGNMENT AND AGREEMENT

For value received, we, Vladimir J. Aksyuk, of Piscataway in the County of Middlesex and State of New Jersey, Bradlep P. Barber, of Basking Ridge in the County of Somerset and State of New Jersey, David J. Bishop, of Summit in the County of Union and State of New Jersey, Clinton R. Giles, of Whippany in the County of Morris and the State of New Jersey, Lawrence W. Stulz, of Shark River Hills in the County of Monmouth and State of New Jersey, and Rene R. Ruel, of Bridgewater 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 Optical Switch 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 treaties, 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.

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 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.

and)

Vladimir J. Aksyuk

Date: 11/12/98

United States of America

State of NG)ss.: County of Union)

)

On this 12 th day of *Movember*, 1998, before me personally came Vladimir J. Aksyuk, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

JACQUELINE J. MOSKOWITZ NOTARY PUBLIC OF NEW JERSEY My Commission Expires 01/22/2003

> PATENT REEL: 9607 FRAME: 0464

Aksyuk 15-6-23-41-5-12

adler P. Barber

11/12/98 Date:

United States of America

State of \mathcal{M}) ss.: County of Union)

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On this 12 th day of Maxwher, 1998, before me personally came Bradlep P. Barber, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

JACQUELINE J. MOSKOWITZ NOTARY PUBLIC OF NEW JERSEY My Commission of res 01/22/2003

Dav

Date: 11/12/98

United States of America

State of $\mathcal{N} \mathcal{J}$) ss.:
County of Union)

)

On this <u>12th</u> day of <u>November</u>, 19<u>98</u>, before me personally came David J. Bishop, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Moskourty populine (Notary Pub

JACQUELINE J. MOSKOWITZ NOTARY PUBLIC OF NEW JERSEY My Commission Expires 01/22/2003

PATENT REEL: 9607 FRAME: 0466

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Clinton R. Giles

Date: 100 18 198

United States of America)

State of NJ) ss.:

County of Mormouth)

On this 18 day of November 19, before me personally came Clinton R. Giles, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

FRANCINE RENEE LAFAVOR NOTARY PUBLIC OF NEW JERSEY MY COMMIS SION EXPIRES OCTOBER 24, 2000



Lawrence W. Stulz

Date: 11/13/98

United States of America

)ss: 651-30 - 7571 State of $N-\overline{J}$. County of Month)

)

On this <u>13</u> day of <u>how mbec</u>, <u>1995</u>, before me personally came Lawrence W. Stulz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

kie how Notary Public

MY COMMISSION EXPIRES 2-13-2002

PATENT REEL: 9607 FRAME: 0468 - 7 -

rout

Rene R. Ruel

Date: (1298)United States of America) State of Mg) ss.: County of *Union*)

On this 12 the day of <u>November</u>, 1998, before me personally came Rene R. Ruel, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

JACQUELINE J. MOSKOWITZ NOTARY PUBLIC OF NEW JERSEY My Commission Expires 01/22/2003

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

> PATENT REEL: 9607 FRAME: 0469

RECORDED: 11/20/1998