		<u>A</u>
To the Honorable Commissioner of Pau	100697858	thed original documents or copy thereof
1. Name of conveying party(ies):	2. Name	and Address of receiving party(ies)
Martin Zirngibl	Name	Lucent Technologies Inc.
Additional name(s) of conveying party(i [ ] Yes [X] No	es) attached?	nal Address:
3. Nature of conveyance: MRD 04	120/98	
[X] Assignment [] Merger	Stree	t Address: <u>600 Mountain Avenue</u> P.O. Box 636
[ ] Security Agreement [ ] Change	e of Name	Murray Hill State: NJ ZIP:07974-0636
[ ] Other		ional name(s) & address(es) attached?
Execution Date: <u>April 16, 1998</u> .		[] Yes [X] No
4. Application number(s) or patent numb	per(s): 0906346	9
		n, the execution date of the application
A. Patent Application No.(s)	B. Pa	tent No.(s)
<ol><li>Name and address of party to whom co concerning document should be mailed</li></ol>	rrespondence 6. Total : invol	number of applications and patents ved: [1]
Name: Steve Mendelsohn		
	7. Total	Fee (37 CFR 3.41)\$ <u>40.00</u>
Internal Address: <u>Weiser &amp; Associate</u>		Fee (37 CFR 3.41)\$ <u>40.00</u> nclosed
	<u>s, P.C.</u> [] E	
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Internal Address: <u>Weiser &amp; Associate</u>	s, P.C. [] E [X] A 	nclosed uthorized to be charged to deposit accou
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Internal Address: <u>Weiser &amp; Associate</u> Street Address: <u>230 S. 15th Street</u> Suite 500	<u>s, P.C.</u> [] E [X] A 8. Depos (atta	nclosed uthorized to be charged to deposit accou it account number: <u>12 2325</u> ch duplicate copy of this page if paying eposit account)
Internal Address: <u>Weiser &amp; Associate</u> Street Address: <u>230 S. 15th Street</u> <u>Suite 500</u> City: <u>Philadelphia</u> State: <u>PA</u> ZIP: 9. Statement and signature.	s, P.C. [] E [X] A 8. Depos (atta by d DO NOT USE THIS SPACE ief, the foregoing informa document. Signature	nclosed uthorized to be charged to deposit account it account number: ch duplicate copy of this page if paying eposit account)

## ASSIGNMENT AND AGREEMENT

For value received, I, Martin Zirngibl of Middletown in the County of Monmouth 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, P.O. Box 636, 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 **Chirped Waveguide Grating Router as a Splitter/Router** 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.

LAW OFFICES Weiser & Associates, P.C. SUITE 500 230 SO. FIFTEENIH ST. PHILADEL PHIA. PA 19102 (215) 875-8383 FACSIMILE (215) 875-8394

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Attorney Docket No.: Zirngibl 24

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 protections.

Martin Zirngibi

Date: 4/16/98

United States of America )

State of New Jersey ) ss.:

County of Monmouth

On this <u>16</u> day of <u>April</u>, 19<u>98</u>, before me personally came <u>Martin Zirngibl</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledge execution of the same.

)

Notary Public

JOYCE PETRUZZELLI NOTARY PUBLIC OF NEW JERSEY MY COMMISSION EXPIRES JULY 23, 2001

LAW OFFICES Weiser & Associates, P.C. SUITE 500 230 SO. FIFTEENTH ST PHILADELPHIA. PA 19102 (215) 875-8383 FACSIMILE (215) 875-8394

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RECORDED: 04/20/1998

PATENT REEL: 9122 FRAME: 0235