FORM PTO-1619A Expires 06/30/99 OMB :0651-0027 101605009

U.S. Department of Commerce Patent and Trademark Office PATENT

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Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date		
Name (line 1) Douglas M. Gill	Month Day Year OI [] OI		
Name (line 2)			
Second Party	Execution Date Month Day Year		
Name (line 1) Dale Conrad Jacob	son 01/11/01		
Name (line 2)	69761135		
Receiving Party	Mark if additional names of receiving parties attached		
Name (line 1) Lucent Technologic			
Name (line 2) receiving party is not domiciled in the United States, an appointment			
Address (line 1) 600 Mountain Avenue of a domestic representative is attached. (Designation must be a			
Address (line 2) Po Box 636	separate document from Assignment.)		
Address (line 3) Murray Hill City	New Jersey U.S.A. 07974-0636 State/Country Zip Code		
Domestic Representative Name and Address Enter for the first Receiving Party only.			
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

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Correspondent Name and Address Area Code and Telephone Number 610 - 346 - 7112				
Name	Wendy W. Koba,	Esg.		
Address (line 1)	PO Box 556			
Address (line 2)	Springtown PA	18081		
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Application	Number(s) or Patent Nun	nber(s) Mark	if additional numbers attached	
Enter either th	ne Patent Application Number or the F	atent Number (DO NOT ENTER BOTH number	rs for the same property).	
Pat	ent Application Number(s)	Pate	ent Number(s)	
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Patent Coop	peration Treaty (PCT)			
Ente	er PCT application number	PCT PCT	PCT	
<u>only</u>	<u>/ if</u> a U.S. Application Number	PCT PCT	PCT	
	not been assigned.			
Number of F	roperties Enter the tol	al number of properties involved.	#	
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00	
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	,	Authorization to charge additional fees:	Yes No	
Statement a	nd Signature			
attache	best of my knowledge and be ed copy is a true copy of the c ted herein.	lief, the foregoing information is true original document. Charges to depos	and correct and any it account are authorized, as	
Wence Name	dy W. Koba, Esq.	Westly W. Kolia Signature	1 1 0 0 1 Date	

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ASSIGNMENT AND AGREEMENT

For value received, we, Douglas M. Gill of Hoboken in the County of Hudson and State of New Jersey, and Dale Conrad Jacobson of Allamuchy in the County of Warren 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 **Thin Film Lithium Niobate Structure And Method Of Making The Same** 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 Inc. they may designate.

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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.

Douglas M. Gill

United States of America

State of New Jersey) ss.:
County of Vivor)

day of January, 20 01, before me personally came Douglas M. Gill, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

ANGELINA CAGLIOSTRO A NOTARY PUBLIC OF NEW JERSEY My Commission Expires 1/21/2004

RECORDED: 01/16/2001

ANGELINA CAGLIOSTRO
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 1/21/2004

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