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BITAR 7-11-1

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5.3-W Please record the attached original documents or copy thereof.				
Name of conveying party(ies):	2. Name and address of receiving party(ies):	<u></u> ∞		
Nabil N. BITAR, Thomas A. HOCH and Martin K. VARGHESE	Name: <u>Lucent Technologies, Inc.</u>	10/83		
Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No	Address: 600 Mountain Avenue Murray Hill, New Jersey 07974-0636			
3. Nature of conveyance:	<u> </u>			
⊠ Assignment Merger	Country (if other than USA):			
Security Agreement Change of Name				
Other				
Execution Date: _April 30, 2004				
4. Application number(s) or patent number(s): 1083876	P2			
If this document is being filed together with a new application, the execution	date of the application is: April 30, 2004			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached	d? □ Yes			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved:			
JONES DAY 222 East 41st Street	7. Total fee (37 CFR 3.41):\$ 40.00 Please charge to the deposit account listed in Section	8.		
New York, New York 10017	8. Deposit account number: 503013			
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9. Statement and signature.				
To the best of my knowledge and belief, the foregoing information is true document.		e original		
Kenneth L. Stein 38,704	May 3, 2004			
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Total number of pages including cover sheet:

## ASSIGNMENT AND AGREEMENT

For value received, we, (1) Nabil N. Bitar of Winchester in the County of Middlesex and State of Massachusetts; (2) Thomas A. Hoch of Boxborough in the County of Middlesex and State of Massachusetts; and (3) Martin K. Varghese of Hillsborough in the County of Hillsborough and State of New Hampshire 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 METHODS AND SYSTEMS FOR EFFICIENT MULTICAST ACROSS A MESH BACKPLANE described in an application for Letters Patent of the United States. filed (and identified by Serial No. 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.

I, Nabil N. Bitar, 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 p	rotection.	
		A District No. 19 March
, ,		[ Nabil N. Bitar ]
Date: 04/30/2004		
United States of America	)	
State of	) ss.:	
County of	)	
On thispersonally came	day of	, 20, before me , to me known to be the individual
described in and who ex execution of the same.	ecuted the	foregoing instrument, and acknowledged
		Notary Public

Lucent Technologies Inc.
Docket Administrator (Room 3J-219)
101 Crawfords Comer Road
P. O. Box 3030
Holmdel, New Jersey 07733-3030

Lucent Technologies Inc. bu	t at its expe e or conver	when requested, I shall, without charge to nse, sign all papers, and do all acts which nient in connection with said applications,
		[Thomas A. Hoch]
Date: 04/34/04		
United States of America	)	
State of	) ss.:	
County of	)	
On this personally came described in and who exe execution of the same.	day of	, 20, before me , to me known to be the individual foregoing instrument, and acknowledged
		Notary Public

Lucent Technologies Inc.
Docket Administrator (Room 3J-219)
101 Crawfords Corner Road
P. O. Box 3030
Holmdel, New Jersey 07733-3030

**Notary Public** 

to Lucent Technologies Inc. b	out at its desirable	at, when requested, I shall, without charge expense, sign all papers, and do all acts or convenient in connection with said protection.
		[ Martin K. Varghese ]
Date: 4 30 2004	_	
United States of America	)	
State of	) ss.:	
County of	)	
On this personally came described in and who execution of the same.	_day of uted the	, 20, before me , to me known to be the individual foregoing instrument, and acknowledged

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P. O. Box 3030
Holmdel, New Jersey 07733-3030

**RECORDED: 05/03/2004**