

ASSIGNMENT AND AGREEMENT

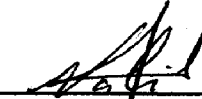
For value received, we, **(1) Nabil N. Bitar** of **Winchester** in the County of **Middlesex** and State of **Massachusetts**; **(2) Thomas A. Hoch** of **Boxborough** in the County of **Middlesex** and State of **Massachusetts**; and **(3) Martin K. Varghese** of **Hillsborough** in the County of **Hillsborough** 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 on _____ (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 protection.



[**Nabil N. Bitar**]

Date: 04/30/2004

United States of America)

State of) ss.:

County of)

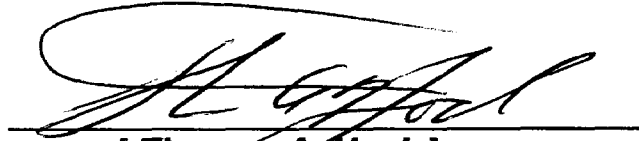
On this _____ day of _____, 20____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

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

Case Name and No.: BITAR 7-11-1

I, **Thomas A. Hoch**, 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 protection.


[**Thomas A. Hoch**]

Date: 04/30/04

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 20____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

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

I, **Martin K. Varghese**, 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 protection.



[**Martin K. Varghese**]

Date: 4/30/2004

United States of America)

State of) ss.:

County of)

On this _____ day of _____, 20____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Lucent Technologies Inc.
Docket Administrator (Room 3J-219)
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