



01-26-2004



SHEET

102653908

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof. **29250-001077/US**

<p>1. Name of conveying party(ies): <u>1.16.04</u></p> <p>Krishna BALACHANDRAN; Kenneth C. BUDKA; Arnab DAS; and Joseph H. KANG</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Lucent Technologies Inc.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>600 Mountain Ave</u></p> <p>City: <u>Murray Hill</u> State: <u>NJ</u> Zip: <u>07974</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Dates: <u>KB-9/25/03; KCB-9/25/03; AD-11/7/03;</u> <u>and JHK-9/25/03</u></p>	<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is</p> <p>A. Patent Application No. <u>10/654,426</u> B. Patent No. (s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>	<p>6. Total number of applications and patents involved: <u>1</u></p>
<p>Name: <u>Harness, Dickey & Pierce, P.L.C.</u></p> <p>Internal Address:</p> <p>Street Address: <u>P.O. Box 8910</u></p> <p>City: <u>Reston</u> State: <u>VA</u> Zip: <u>20195</u></p>	<p>7. Total fee (37 CFR 3.41) \$ <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>08-0750</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Gary D. Yacura 35,416 January 16, 2004

Registration No. Date

Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

01/23/2004 LMJELLER 00000146 10654426

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40.00 CP

PATENT
REEL: 014904 FRAME: 0772

ASSIGNMENT AND AGREEMENT

For value received, we, **Krishna BALACHANDRAN** of **Morganville** in the County of **Monmouth** and State of **New Jersey**; **Kenneth C. BUDKA** of **Marlboro** in the County of **Monmouth** and State of **New Jersey**, **Arnab DAS** of **Washington, D.C.**, **District of Columbia**; and **Joseph H. KANG** of **Belle Mead** 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 **METHODS FOR SIGNALING BROADCAST AND MULTICAST INFORMATION IN COMMUNICATION NETWORKS** 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. 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.



Krishna BALACHANDRAN

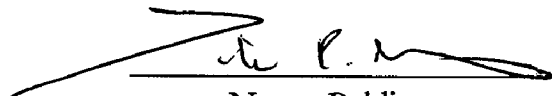
Date: 9/25/03

United States of America

State of New Jersey

County of Murphy

On this 25th day of September, 2003, before me personally came Krishna Balachandran, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

TAMIKA R. GATSON
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/16/2005



Kenneth C. BUDKA

Date: 9/25/03

United States of America

State of New Jersey

County of Monmouth

On this 25th day of September, 2003, before me personally came Kenneth C. Budka to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

TAMIKA R. GATSON
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 5/16/2005

Arnab DAS

Date: _____

United States of America

Washington D.C.

On this _____ day of _____, 2003, 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

Kenneth C. BUDKA

Date: _____

United States of America

State of New Jersey

County of Monmouth

On this _____ day of _____, 2003, 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

Arnab Das


Arnab DAS

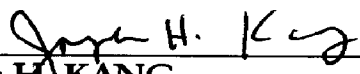
Date: 11/7/2003

United States of America

Washington D.C.

On this 7th day of November, 2003, before me personally came Arnab Das, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public
AMY AXELROD
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 14, 2007



Joseph H. KANG

Date: 9/25/03

United States of America

State of New Jersey

County of Somerset

On this 25th day of September, 2003, before me personally came Joseph H. Kang to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

TAMIKA R. GATSON
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 5/16/2006

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