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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**  
 Vincent Goffin; Dec 13, 2004  
 Andrej Ljolje; Dec 13, 2004  
 Murat Saraclar; Dec 13, 2004

Execution Date(s) December 13, 2004

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
 Name: AT&T Corp.  
 Internal Address: \_\_\_\_\_  
 Street Address: 32 Avenue of the Americas  
 City: New York  
 State: New York  
 Country: USA Zip: 10013-2412

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**3. Nature of conveyance:**

Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
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**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s)  
 B. Patent No.(s)

Additional numbers attached?  Yes  No

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Mr. S.H. Dworetsky  
 Internal Address: Room 2A-207  
 Street Address: One AT&T Way  
 City: Bedminster  
 State: New Jersey Zip: 07921  
 Phone Number: 908-532-1855  
 Fax Number: 908-532-1281  
 Email Address: samuelh@lga.att.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_

b. Deposit Account Number 502960  
 Authorized User Name Law Office of TM Isaacson

**9. Signature:** Richard C. Irving January 12, 2005  
 Signature Date

Richard C. Irving  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

01/26/2005 6TOM11 00000241 502960 11034535  
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**PATENT**  
**REEL: 016170 FRAME: 0075**

**ASSIGNMENT AND AGREEMENT**

For value received, we, Vincent Goffin, of Summit in the County of Union and State of New Jersey, Andrej Ljolje, of Millington in the County of Morris and State of New Jersey, and Murat Saraclar, of Jersey City in the County of Hudson and State of New Jersey, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, 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 **Low Latency Real-Time Vocal Tract Length Normalization** 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 AT&T Corp. 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 AT&T Corp. 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 AT&T Corp. 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 AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

We agree that, when requested, we shall, without charge to AT&T Corp. 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.

Vincent Goffin

Vincent Goffin

Date: 12.13.2004

United States of America )

State of New Jersey )

County of Morris )

On this 13<sup>th</sup> day of December, 2004, before me personally came Vincent Goffin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Teresa A. Adamczyk*  
Notary Public

TERESA A. ADAMCZYK  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 7/23/2007

*Andrej Ljolle*

Andrej Ljolle

Date: 12.13.2004

United States of America )

State of NEW JERSEY )

County of MORRIS )

On this 13<sup>th</sup> day of December, 2004, before me personally came Andrej Ljolle, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Teresa A. Adamczyk*  
Notary Public

**TERESA A. ADAMCZYK**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 7/23/2007**

*Murat Saraciar*

Murat Saraciar

Date: 12.13.2004

United States of America )

State of NEW JERSEY )

County of MORRIS )

On this 13<sup>th</sup> day of December, 2004, before me personally came Murat Saraciar, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Teresa A. Adamczyk*  
Notary Public

**TERESA A. ADAMCZYK**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 7/23/2007**