

12-21-1999

HEET

MNS  
12/2/99



101230386

To the Honorable Commissioner of

Attached original documents or copy thereof:

1. Name of conveying party(ies):  
Charles C. Byers  
Additional name(s) of conveying party(ies) attached? \_\_\_ Yes  No

2. Name and address of receiving party(ies):  
Name: Lucent Technologies Inc.  
Street Address: 600 Mountain Avenue  
P.O. Box 636  
City: Murray Hill State: NJ ZIP: 07974-0636  
Additional name(s) & address(es) attached? \_\_\_ Yes  No

3. Nature of conveyance:  
 Assignment \_\_\_ Merger  
\_\_\_ Security Agreement \_\_\_ Change of Name  
\_\_\_ Other \_\_\_\_\_  
Execution Date: Decemeber 1, 1999

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: Decemeber 1, 1999  
A. Patent Application No.(s) B. Patent No.(s) 09/453113  
Additional numbers attached? \_\_\_ Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: David H. Sitrick  
Sitrick & Sitrick  
Address: 8340 N. Lincoln Ave. - Suite 201  
Skokie, Illinois 60077

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41): \$ 40.00  
\_\_\_ Enclosed  
 Authorized to be charged to Deposit Account 12-2325  
 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 12-2325.  
8. Deposit Account number: 12-2325  
(Attach duplicate copy of this page if paying by deposit account)

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.  
David H. Sitrick [Signature] 12/2/99  
Name of Person Signing Signature Date  
Case Name: Byers 32 Total number of pages comprising cover sheet, attachment and document: 1

OMB No. 0651-0011 (exp. 4/94)  
Do not detach this portion  
Mail Documents to be recorded with required cover sheet information to:  
**Commissioner of Patents and Trademarks**  
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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the United States Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

12/15/1999 09:51 U.S. P  
09/453113  
12/02/99

## ASSIGNMENT AND AGREEMENT

For value received, I, Charles Calvin Byers, of 3203 Bremerton Lane, Aurora, in the County of DuPage and State of Illinois, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, 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 **“Enhanced Automatic Speech Recognition Using Multiple Directional Microphones”** described in an application for Letters Patent of the United States, 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.

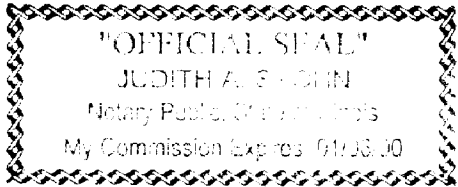
I agree that, when requested, I shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Charles Calvin Byers  
Charles Calvin Byers

Date: 12/01/99

United States of America )  
State of Illinois )  
County of DuPage )ss

On this 1st day of December, 1999, before me personally came Charles Calvin Byers, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Judith A. Spohn  
Notary Public

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