

PATENTS ONLY	IN THE U. S.	PATENTS ONLY
 101514603 Please record the attached original document or copy thereof.		

1. Name of Party(ies) conveying an interest: Jonathan H. Fischer Donald R. Laturell Lane A. Smith Additional name(s) of Parties attached? <u>No</u>	2. Name and Address of Party(ies) receiving an interest: Lucent Technologies, Inc. 600 Mountain Avenue P.O. Box 636 Murray Hill, NJ 07974-0636 Additional name(s) and address(es) of Parties attached? <u>No</u>
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3. Description of interest conveyed:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Change of name
<input checked="" type="checkbox"/> Agreement	<input type="checkbox"/> Merger

Other _____ Execution Date: October 10, 2000

4. Application number(s) or patent number(s). Additional numbers attached? _____
 If this document is being filed together with a new application, the execution date of the application is: _____

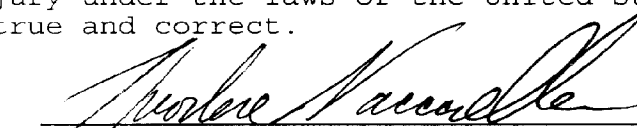
A. Patent Application No.(s) 09/605,953	B. Patent No.(s)
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5. Name and address of party to whom correspondence concerning documents should be mailed: Attorney Synnestvedt & Lechner LLP 2600 Aramark Tower 1101 Market Street Philadelphia, PA 19107	6. Number of applications and patents involved: <u>1</u> 7. Total Fee (37 C.F.R. § 3.41) <u>\$40.00</u> Enclosed: <input type="checkbox"/> (Check No. _____) Authorized to be charged: <input type="checkbox"/> 8. Deposit Account Number: <u>12-2325</u> Attach duplicate copy of this form if paying by deposit account.
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9. I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Dated: 10.23.00


 Theodore Naccarella
 Registration No. 33,023

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

ASSIGNMENT AND AGREEMENT

For value received, we, Jonathan H. Fischer of Blandon, in the County of Berks and State of Pennsylvania; and Donald R. Laturell of Allentown, in the County of Lehigh and State of Pennsylvania; and Lane A. Smith of Easton, in the County of Northampton and State of Pennsylvania, 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 **METHOD AND APPARATUS FOR NON-DISRUPTIVE TELECOMMUNICATION LOOP CONDITION DETERMINATION**, described in an application for Letters Patent of the United States, executed by me on 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.

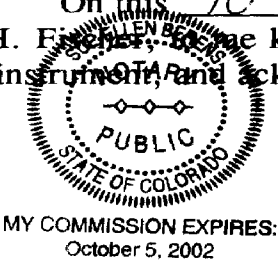
We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 10/10/2000

Jonathan H. Fischer
Jonathan H. Fischer

United States of America)
)
State of Pennsylvania) ss:
)
County of Berks)

On this 10 day of October, 2000, before me personally came Jonathan H. Fischer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Sue Ellen Bevens
Notary Public

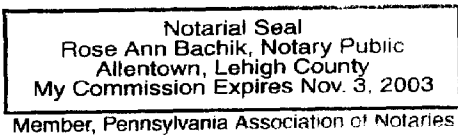
Date: Oct 5, 2000

Donald R. Laturell
Donald R. Laturell

United States of America)
)
State of Pennsylvania) ss:
)
County of Lehigh)

On this 5th day of October, 2000, before me personally came Donald R. Laturell, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rose Ann Bachik
Notary Public



Date: 10-05-00

Lane A. Smith
Lane A. Smith

United States of America)
)
State of Pennsylvania) ss:
)
County of Northampton)

On this 5th day of October, 2000, before me personally came Lane A. Smith, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rose Ann Bachik
Notary Public

