

PATENT ASSIGNMENT

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|---|-----------------------------|---------------|----------------|----------------------------|------------|--------------------|------------|---------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jonathan H. Fischer</td> <td>10/10/2000</td> </tr> <tr> <td>Donald R. Laturell</td> <td>10/05/2000</td> </tr> <tr> <td>Lane A. Smith</td> <td>10/05/2000</td> </tr> </tbody> </table> | | Name | Execution Date | Jonathan H. Fischer | 10/10/2000 | Donald R. Laturell | 10/05/2000 | Lane A. Smith | 10/05/2000 |
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| Jonathan H. Fischer | 10/10/2000 | | | | | | | | |
| Donald R. Laturell | 10/05/2000 | | | | | | | | |
| Lane A. Smith | 10/05/2000 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | Lucent Technologies, Inc. | | | | | | | | |
| Street Address: | 600 Mountain Avenue | | | | | | | | |
| Internal Address: | P.O. Box 636 | | | | | | | | |
| City: | Murray Hill | | | | | | | | |
| State/Country: | NEW JERSEY | | | | | | | | |
| Postal Code: | 07974-0636 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11534918</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11534918 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 11534918 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (609)924-1811 | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | |
| Phone: | 6099243773 | | | | | | | | |
| Email: | dcargille@synnlech.com | | | | | | | | |
| Correspondent Name: | David L. Cargille | | | | | | | | |
| Address Line 1: | 112 Nassau Street | | | | | | | | |
| Address Line 4: | Princeton, NEW JERSEY 08618 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | FISHER 50-60-67 | | | | | | | | |
| NAME OF SUBMITTER: | David Cargille | | | | | | | | |
| Total Attachments: 3 source=Assignment_As_Filed#page1.tif | | | | | | | | | |

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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.

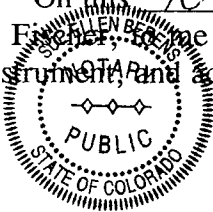
We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

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, known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Sue Ellen Bevens
Notary Public

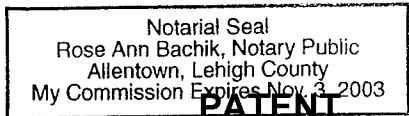
Date: Oct. 5, 2000

Donald R. Laturrell
Donald R. Laturrell

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

On this 5th day of October, 2000, before me personally came Donald R. Laturrell, 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

