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To the Honorable Commissioner of Patents and Trademarks, original documents or copy thereof.

1. Name of the conveying party (ies):

- (1) Mindaugas F. Dautartas
- (2) Lalita Manchanda

Additional name(s) of conveying parties attached?

Yes  No

2. Name and address of receiving party(ies):

Name: Lucent Technologies Inc.

Internal Address:

Street Address: 600 Mountain Avenue

City: Murray Hill State: NJ Zip: 07974-0686

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OPR/FINANCE

Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: (1) September 8, 1999

(2) October 15, 1999

Additional name(s) attached?  Yes  No

4. Application or Registration Number(s)

If this application is being filed with a new application, the execution date of the new application is

A. Patent Application Numbers

B. Patent Registration Numbers

09/327,793

Additional Numbers attached?  Yes  No

5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: Intellectual Property Docket Administrator  
Firm: **Gibbons, Del Deo Dolan, Griffinger & Vecchione**

Address: **One Riverfront Plaza**  
City: **Newark** State: **N.J.** Zip: **07102-5497**

6. Total Number of applications and registrations involved: 1

7. Total Fee:

- Enclosed
- Authorized to be charged to Deposit Account

8. Deposit Account Number:

12-2325

(attach duplicate copy of this page if paying by deposit account)

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

Name: Matthew J. Hodulik

Signature: \_\_\_\_\_

Date: December 22, 1999

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PATENT

## ASSIGNMENT AND AGREEMENT

For value received, we, **Mindaugas F. Dautartas**, of the City of Alburdis, in the County of Lehigh and Commonwealth of Pennsylvania and **Lalita Manchanda**, of the City of Basking Ridge, in the County of Somerset and the 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 **CARBON CONTAMINATION REDUCTION** described in an application for Letters Patent of the United States, Serial Number 09/327,793 filed June 9, 1999, 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 me, 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. they may designate.

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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.

*Mindaugas F. Dautartas*

Mindaugas F. Dautartas

Date: 9/8/1999

United States of America )

State of *Pennsylvania* ) ss.:

*City of Lehigh* )  
*County Lehigh* )

On this 8<sup>th</sup> day of September, 1999, before me personally came Mindaugas F. Dautartas, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Diane L. Hughes*

Notary Public

NOTARIAL SEAL  
DIANE L. HUGHES, Notary Public  
Breinigsville, Lehigh County  
My Commission Expires Jan. 6, 2003

Lalita Manchanda

Lalita Manchanda

Date: 10/15/99

United States of America )

State of New Jersey, ss.:

County of UNION )

On this 15<sup>th</sup> day of October, 19<sup>99</sup>, before me personally came Lalita Manchanda, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Angelina Cagliostro  
Notary Public

**ANGELINA CAGLIOSTRO  
A NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 1/21/2004**

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