101251121 riginal documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of the conveying party (ies): **Lucent Technologies** (1) Mindaugas F. Dautartas Name: (2) Lalita Manchanda Internal Address: 600 Mountain Avenue Additional name(s) of conveying parties attached? Street Address: Yes X No City: Murray Hill State: NJ Zip: 07974-Nature of Conveyance: X Assignment ____ Merger ___ Change of Name Execution Date: (1) September 8, 1999 (2) October 15, 1999 Additional name(s) attached? \underline{X} 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 B. Patent Registration Numbers A. Patent Application Numbers 09/327,793 Additional Numbers attached? Yes X No 5. Name and Address of party to whom 6. Total Number of applications and registrations involved: 1 correspondence concerning document should be mailed: 7. Total Fee: Name: Intellectual Property Docket Administrator Gibbons, Del Deo Dolan, Griffinger Enclosed X Authorized to be charged to Deposit Account & Vecchione 8. Deposit Account Number: Address: One Riverfront Plaza Newark State: N.J. Zip: 07102-5497 12-2325 (attach duplicate copy of this page spaying by deposit account) 9. Statement and Signature: To the best of my knowldedge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document put a)hm <u>December</u> 22, 1999 Name: Matthew J. Hodulik Signature: ___

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PATENT

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ASSIGNMENT AND AGREEMENT

For value received, we, Mindaugas F. Dautartas, of the City of Alburtis, in Commonwealth Pennsylvania Lehiah and of the 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

United States of America

State of Rennsylvania

) ss.:

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.

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

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Lalita	Manchands	
Lalita Manchanda		

State of New Jerrey) ss.:
County of UNION

___ day of October__, 19, 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 A NOTARY PUBLIC OF NEW JERSEY My Commission Expires 1/21/2004

> #197466 v1 053572-32994

PATENT REEL: 010495 FRAME: 0808

RECORDED: 12/30/1999