MMERCE 07-09-1998 Patent and rk Office OMB No. 0651-0011 (exp. 4/94) Tab Settings ♥ ♥ ♥ To the Honorable Commission 100757749 he attach al documents or copy thereof. 2. Name and address of receiving party(ice 1. Name of conveying party(ies): Philip C. CARBONE, Judith E. REICH, and Karen Arthur D. Little, Inc. R. BENEDEK Internal Address: Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of conveyance: Acorn Park Street Address: □ Merger ■ Assignment ☐ Security Agreement □ Change of Name □ Other_ City: Cambridge State: Massachusetts Zip: 02140-2390 17 March 1998 **Execution Date:** 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: B. Patent No.(s) A. Patent Application No.(s) 09/020,569 Additional numbers attached? □ Yes ■ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41)........\$ 40.00 Douglas H. Pauley Name: Internal Address: Speckman Pauley Petersen & Fejer ■ Enclosed Authorized to be charged to deposit account Street Address: 2800 West Higgins Road 8. Deposit Account: (Attach duplicate copy of this page if paying by deposit account) Suite 365 City: Hoffman Estates State: IL Zip: 60195 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 Douglas H. Pauley Name of Person Signing Regis. No. 33,295 Total number of pages including cover sheet, attachments, and documents Attorney Mail documents to be recorded with required cover sheet information to: Docket No.: Assistant Commissioner for Patents, Box Assignments GRI-97-042 Washington, D.C. 20231 I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in a envelope addressed to: Assistant commissioner for Patents, Washington, D.C. 20231 22 JUN 98 Doug Signature

REEL: 9283 FRAME: 9454

ASSIGNMENT

WHEREAS, We the following inventors

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Karen R. BENEDEK

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hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements in an invention entitled:

METHOD AND APPARATUS FOR REDUCING **EMISSIONS IN COMBUSTION PRODUCTS**

which is described and claimed in an application for Letters Patent of the United States having Serial No. 09/020,569, a Filing Date of 23 January 1998, and naming as inventors Philip C. CARBONE, Judith E. REICH and Karen R. BENEDEK; said improvements as described and claimed in said application for Letters Patent of the United States, being hereinafter referred to as said "Invention"; and

WHEREAS, Arthur D. Little, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Massachusetts and having its principal office and place of business at Acorn Park, Cambridge, Massachusetts 02140-2390, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under Letters Patent therefor in the United States and countries foreign thereto;

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NOW THEREFORE BE IT KNOWN THAT, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto ASSIGNEE, its successors and assigns ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto, and in, to and under all divisions, reissues, continuations, extensions and reexaminations thereof, and covenant that ASSIGNORS have the full right so to do; and the Commissioner of Patents is hereby authorized and requested to issue all United States Letters Patent on said Invention included herein to ASSIGNEE, as assignee of ASSIGNORS' entire interest.

ASSIGNORS further agree to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNORS regarding said Invention including evidence for interference purposes or for other legal proceedings, whenever requested; to testify in any interference or other proceedings; to execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, declarations, oaths, affidavits, depositions, etc.; and to generally do everything possible to aid ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said Invention, in the United States and countries foreign thereto.

3 17 98 Date

Philip C. Caba Philip C. OARBONE