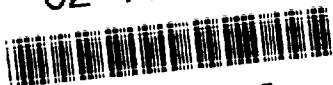


02-11-1999



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OVER SHEET
ILYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commr

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Arthur D. Little & Co.

2/3/99

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: 29 January 1999

2. Name and address of receiving party(ies)

Name: Gas Research Institute

Internal Address: _____

Street Address: 8600 West Bryn Mawr Avenue

City: Chicago State: Illinois Zip: 60631

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: 01 February 1999

A. Patent Application No.(s)

09243588

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Maxwell J. Petersen

Internal Address: Pauley Petersen Kinne & Fejer

Street Address: 2800 West Higgins Road

Suite 365

City: Hoffman Estates State: IL Zip: 60195

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h)).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit Account :

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

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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

Maxwell J. Petersen

Name of Person Signing

Signature

01 February 1999

Date

Regis. No. 32,772

Total number of pages including cover sheet, attachments, and documents: 3

Attorney
Docket No.:
GRI-98-011

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents, Box Assignments

Washington, D.C. 20231

EXPRESS MAIL NO.: EM353372086US

DATE OF DEPOSIT: 03 February 1999

PATENT
REEL: 9747 FRAME: 0970

P1010/10

ASSIGNMENT

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 20 Acorn Park, Cambridge, Massachusetts 02140-2390, hereinafter referred to as ASSIGNOR, has acquired all rights, title and interest of John T. DIECKMANN, David H. McFADDEN, and Gautum GAUBA, in certain new and useful improvements in an invention entitled

APPARATUS AND METHOD FOR MODULATING THE FIRING RATE OF FURNACE BURNERS

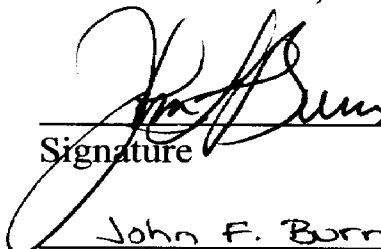
which is described and claimed in an application for Letters Patent of the United States filed herewith, by U.S. Express Mail No. EM353372086US, and naming as inventors, John T. DIECKMANN, David H. McFADDEN, Gautum GAUBA and Werner SPECHT; said improvements as described and claimed in said application for Letters Patent of the United States, being hereinafter referred to as said "Invention"; and

WHEREAS, Gas Research Institute, a not-for-profit corporation duly organized and existing under and by virtue of the laws of the State of Illinois and having its principal office and place of business at 8600 West Bryn Mawr Avenue, Chicago, Illinois 60631, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S entire rights, title and interest in and to said Invention, said application above-identified, and in, to and under Letters Patent therefor in the United States and countries foreign thereto.

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, ASSIGNOR has sold, assigned, transferred and set over and by these presents does hereby sell, assign, transfer and set over to and unto ASSIGNEE, its successors and assigns ASSIGNOR'S 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 covenants that ASSIGNOR has 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 ASSIGNOR'S entire interest.

ASSIGNOR further agrees to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNOR 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.

Arthur D. Little, Inc.


 Signature
 John F. Burns
 Name

Senior Vice President
 Title

1-29-99
 Date