

02-23-2000

1 of 1

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FOR PATENTS

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1. Name of conveying party(ies):
Petro-Chem Process and Field Services LLCAdditional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No3. Nature of Conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:
Execution Date: January 20, 2000

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

Name: Petro-Chem Development Co., Inc.
Internal Address:Street Address: 122 East 42nd StreetCity New York State New York Zip 10017Additional 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: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/357,544 09/378,850
09/379,044 09/379,775
09/387,056 09/395,837Additional Numbers Attached? ☐ Yes ☒ No

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

Mark G. Kachigian
Head, Johnson & Kachigian
228 West 17th Place
Tulsa, Oklahoma 741196. Total number of applications and patents involved: 67. Total fee (37 CFR 3.41):\$ 240.00☐ Previously submitted☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 08-1500 (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.*Mark G. Kachigian
Name of Person Signing

Signature

Date

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PATENT
REEL: 010559 FRAME: 0022

ASSIGNMENT

WHEREAS, PETRO-CHEM PROCESS AND FIELD SERVICES, LLC, an Oklahoma limited liability company, doing business at 8310 East 73rd Street South, Tulsa, Oklahoma 74133 (hereinafter called ASSIGNOR) is the sole and exclusive owner of the following patent applications:

PATENT APPLICATION NUMBER	FILING DATE	TITLE
09/357,544	July 20, 1999	Delayed Coker Charge Heater and Process
09/378,850	August 23, 1999	Adjustable Louver System For Radiant Heat Transfer Control In A Direct-Fired Heater
09/379,044	August 23, 1999	In-Situ Radiant Heat Flux Probe Cooled By Suction of Ambient Air
09/379,775	August 24, 1999	Upflow Delayed Coker Charge Heater
09/387,056	August 31, 1999	System And Method To Effectuate And Control Coker Charge Heater Process Fluid Temperature
09/395,837	September 14, 1999	Variable Flux Rate Burners

WHEREAS, PETRO-CHEM DEVELOPMENT CO., INC. , a Delaware corporation with its principal office at 122 East 42nd Street, New York, New York 10017 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and in, to and under any and all Letters Patent of the United States and in any and all foreign countries thereof;

NOW, THEREFORE, this indenture witnesseth that for and in consideration of the sum of One (\$1.00) Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, the said inventors, have sold, assigned, transferred and set over and do hereby sell, assign, transfer and set over to said ASSIGNEE the said invention and application, and any and all divisions and continuations thereof, and any and all Letters Patent of the United States,

its territorial possessions, and any and all reissues of said Letters Patent, including the subject matter of any and all claims which may be obtained in every such patent, the same to be held and enjoyed by the said ASSIGNEE for his own use and behoof, and for the use and behoof of his successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States, territories and foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made.

ASSIGNOR further hereby covenants and agrees that it will, at any time, upon request, at the expense of said ASSIGNEE, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention, and to said Letters Patent as may be granted therefor, in said ASSIGNEE, his successors, assigns, or other legal representatives, and that if said ASSIGNEE, his successors, assigns, or other legal representatives shall desire to file any divisional or continuation application, or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, it will, upon request, sign all papers, make all rightful oaths, and do all acts requisite for the filing of such divisional or continuing application, or such application for reissue and procuring thereof, and for the filing of such disclaimers, without further compensation, but at the expense of said ASSIGNEE, his successors or other legal representatives.

ASSIGNOR does further covenant and agree, that it will, at any time, upon request, communicate to said ASSIGNEE, its successors, assigns, or other legal representatives, at ASSIGNEE's expense, such fact relating to said invention and Letters Patent or the history hereof, as may be known to him, and testify as to the same in any interference or other litigation, when requested to do so.

IN WITNESS WHEREOF, I have hereunto set my hand this 20th day of

January, 2000.

PETRO-CHEM PROCESS AND FIELD SERVICES, LLC
(Assignor)

Robert L. Gibson
By: Robert L. Gibson
Title: Vice President

STATE OF OKLAHOMA)
) ss
COUNTY OF TULSA)

On this 26th day of January, 2000, before me personally came Robert L. Gibson to me personally known to be the above named who executed the foregoing Assignment, and who acknowledged to me that he executed the same for the reasons and purposes therein set forth.

Linda M. Day
Notary Public

My Commission expires:
MY COMMISSION EXPIRES 07-15-2002