

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Charles E. Benson

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

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) January 11, 2008☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other _____Street Address: 15 Acorn ParkCity: CambridgeState: MACountry: USAZip: 02140Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/808,973

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: ExxonMobil Research and Engineering Company

Internal Address: _____

Street Address: 1545 Route 22 EastCity: AnnandaleState: NJZip: 08801-0900Phone Number: (703) 846-4311Fax Number: (703) 846-7799

Email Address: _____

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 05-1330Authorized User Name Glenn T. Barrett**9. Signature:**

Signature

April 15, 2008

Date

Glenn T. Barrett
Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 051330 11808973

ASSIGNMENT

WHEREAS, I, Charles E. Benson, residing at 18 Bear Hill Road, Windham, NH, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States on June 14, 2007, which application was assigned U.S. patent application serial number 11/808,973 entitled AN ADVANCED FIRED HEATER UNIT FOR USE IN REFINERY AND PETRO-CHEMICAL APPLICATIONS

AND WHEREAS, TIAX LLC, a company organized and existing under and by virtue of the laws of the Commonwealth of Massachusetts, and having an office and place of business at 15 Acorn Park, Cambridge, MA 02140 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed under the Patent Cooperation Treaty, any regional patent offices and in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, and provided that (a) all expenses of applying for, obtaining, and enforcing said Patent are paid by Assignee, and (b) I am reasonably compensated if it is necessary for me to spend any significant amount of time to carry out the obligations hereunder, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11th day of

January, 2008.



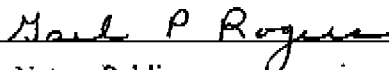
Charles E. Benson

STATE OF Massachusetts)

COUNTY OF Middlesex)

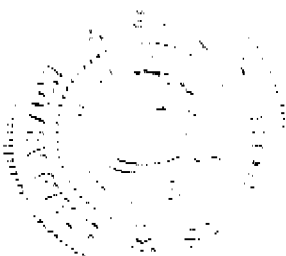
On this 11th day of January, 2008 before me personally appeared Charles E. Benson, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public

Commission expires 9/24/2010



PATENT

RECORDED: 04/15/2008

REEL: 020807 FRAME: 0915