

12-14-2001

Form PTO-1595
(Rev. 03/01)

RE



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OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 12-12-01
David S. Crocker
David L. Black
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: CFD Research Corporation
Internal Address: _____
Street Address: 215 Wynn Dr.
City: Huntsville State: AL Zip: 35805
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: August 6, 2001

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)
09/924,697
Additional numbers attached? Yes No

6. Total number of applications and patents involved:

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: WADDEY & PATTERSON
Internal Address: BANK OF AMERICA PLAZA
SUITE 2020
Street Address: 414 UNION STREET
City: NASHVILLE State: TN Zip: 37219

7. Total fee (37 CFR 3.41)..... \$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
23-0035
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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.
Lucian Wayne Beavers 11/8/01
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 5

12/13/2001 DBTRM

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

01 FC:581

40.00 DP

PATENT
REEL: 012357 FRAME: 0391

ASSIGNMENT

In consideration of the payment of one (\$1.00) dollar, and for other good and valuable consideration, the receipt of which is hereby acknowledged, David S. Crocker, David L. Black, ("Assignors") assign to CFD Research Corporation of Huntsville, Alabama ("Assignee"), their entire right, title, and interest in and to an invention entitled "SINGLE-CIRCUIT FUEL INJECTOR FOR GAS TURBINE COMBUSTORS" (the "Invention"), and in any and all patents, reissue patents, certificates of inventorship, design registrations, utility models, and the like, that may be granted in the U.S. or in any foreign country with respect to the Invention and improvements thereto, and in any application, including continuations, continuations-in-part, or divisions, that may be filed with respect to the Invention or improvements thereto.

Assignors grant to Assignee the right to add the following information regarding a U.S. patent application to be filed so that this assignment may be recorded in the United States Patent and Trademark Office.

Single-Circuit Fuel Injector For Gas Turbine Combustors
(Title of Application)

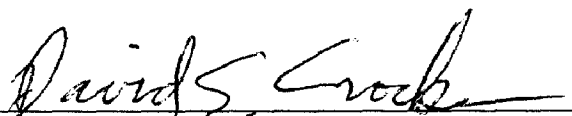
09/924,697 Aug. 8, 2001
(Serial Number) (Filing Date)

Assignors will, without additional charge to Assignee but at Assignee's expense, cooperate with and assist Assignee such that Assignee may realize

and fully enjoy all the rights assigned hereunder, including the preparation and execution of all papers needed by Assignee, and providing such information and assistance as may reasonably be required by Assignee in any administrative or legal proceeding to obtain or protect such rights.

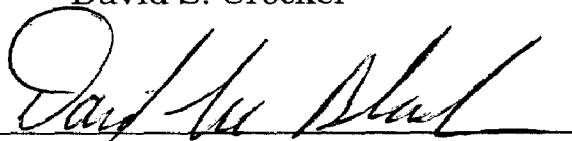
Assignors represent and warrant that they have not transferred, licensed, and/or assigned any interest in the Invention to anyone other than Assignee, and that they have not entered into any contract, assignment, or license conveying any right granted to Assignee hereunder, or that would otherwise conflict with this Assignment.

This Assignment and each of its terms shall be binding on each Assignor, his representatives, heirs and assigns, and shall inure to the benefit of Assignee, its successors, and assigns.



David S. Crocker

8-06-01
Date



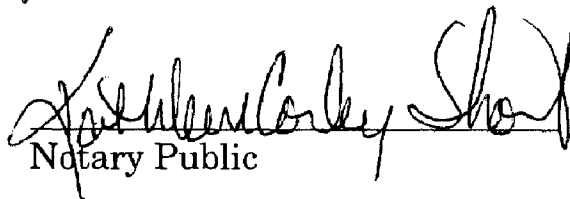
David L. Black

8-06-01
Date

STATE OF ALABAMA
COUNTY OF Madison

Before me, Kathleen Corley Short a Notary Public of the state and county aforesaid, personally appeared David L. Black, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 6th day of August, 2001.


Notary Public

My commission expires: _____

KATHLEEN CORLEY SHORT
Notary Public, Alabama State at Large
My Commission Expires March 5, 2005

STATE OF ALABAMA.

COUNTY OF Madison

Before me, Kathleen Corley Short a Notary Public of the state and county aforesaid, personally appeared David S. Crocker, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 07th day of August, 2001.

Kathleen Corley Short
Notary Public

My commission expires: _____

KATHLEEN CORLEY SHORT
Notary Public, Alabama State at Large
My Commission Expires March 5, 2005