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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): Edward L. Simonds

02/28/02

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

2. Name and address of receiving party(ies) Name: Thermal Dynamics, Inc.

Internal Address: 2636 289th Place Adel, Iowa 50003

Street Address: Same

City: State: Zip:

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

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Execution Date: February 27, 2002

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: 2/27/02

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Brett J. Trout

Internal Address: 300 S.W. 5th Suite 222

Des Moines, IA 50309

Street Address: Same

City: State: Zip:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

501305

Charge any additional fees.

(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.

Brett J. Trout Name of Person Signing

Signature

2/28/02 Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 012662 FRAME: 0457

## ASSIGNMENT

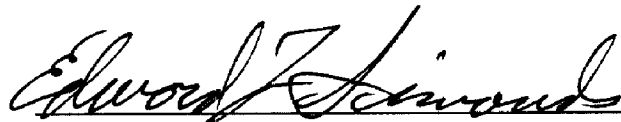
WHEREAS, I, Edward L. Simonds, a citizen of the United States, residing at 2636 289th Place, Adel, Iowa 50003, in the County of Dallas, and the State of Iowa, have made an invention entitled **FLUID PRESSURE REGULATOR** and have today executed an application for Letters Patent of the United States of America based thereon;

NOW, THEREFORE, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto Thermal Dynamics, Inc., a corporation of the State of Iowa, having its principal office at 2636 289th Place, Adel, Iowa 50003 its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any division, continuation or continuation-in-part, of said application, and in or to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during my employment by said Company or within one year thereafter), and in and to any and all Letters Patent and reissues and extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under internal conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reissue or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made.

I do further agree for myself and for my heirs, executors and administrators, to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by the said Thermal Dynamics, Inc., its successors, assigns and nominees, fully to secure its interest as aforesaid and to obtain or maintain Letters Patent in any and all countries.

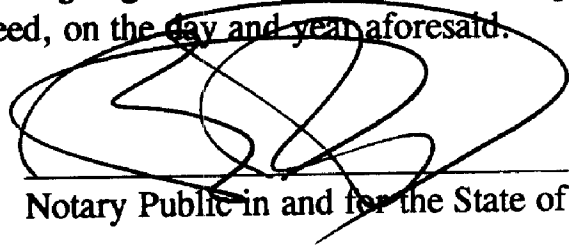
And, I do hereby authorize and request the Assistant Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to the said Thermal Dynamics, Inc., as the assignee of the entire interest therein.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

  
Edward L. Simonds

STATE OF IOWA            )  
  ) ss:  
COUNTY OF DALLAS    )

On this 27 day of February, 2002, before me personally appeared Edward L. Simonds, personally known to me, and known by me to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed, on the ~~day and year~~ aforesaid.

  
Notary Public in and for the State of Iowa

