

06-20-2001



REC 101751296
COVER SHEET
PATENTS ONLY

09/878745
U.S. PTO



TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New *6/11/01*

Resubmission (Non-Recordation)
Document ID# _____

Correction of PTO Error
Reel # _____ Frame # _____

Corrective Document
Reel # _____ Frame # _____

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Edward L. Simonds Execution Date 05/25/01
Month Day Year

Second Party

Name (line 1) _____ Execution Date _____
Month Day Year

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) Thermal Dynamics

Name (line 2) _____

Address (line 1) 2636 - 289th Place

Address (line 2) _____

Address (line 3) Adel Iowa 50003
City State/Country Zip Code

09/878745

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

PATENT
REEL: 011897 FRAME: 0767

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month	Day	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Brett J. Trout
Name of Person Signing


Signature


Date

ASSIGNMENT

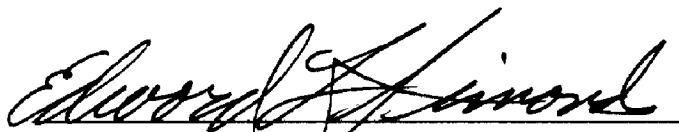
WHEREAS, I, Edward L. Simonds, a citizen of the United States, residing at 2636 - 289th Place, Adel, Iowa 50003, in the County of Dallas, and the State of Iowa, have made an invention entitled **COMPRESSOR CYCLE APPARATUS** and have today executed an application for Letters Patent of the United States 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.

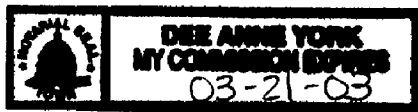
And, I do hereby authorize and request the Assistant Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to the said Thermal Dynamics, Inc., as the assignee of the entire interest therein.

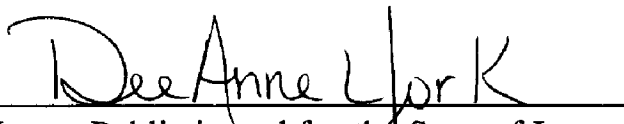
IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.


Edward L. Simonds

STATE OF IOWA)
) ss:
COUNTY OF DALLAS)

On this 25th day of May, 2001, 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