

PATENT RE
CO

06-01-2007



Attorney Docket No.: U73.12-0090 / PA0001147US -- arm

To the Commissioner for Pa

103412032

Services - Please record the attached copy thereof.

1. Name of conveying party(ies):

(1) Robert J. Pederson

(2)

(3)

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

3. Nature of Conveyance:

[X] Assignment [] Merger [] Security Agreement

[] Change of Name [] Other

Execution Date: May 18, 2007

4A. Application No.(s)

If this document is being filed together with a new application, the execution date(s) of the application is:

Robert J. Pederson May 18, 2007

Stephen N. Schmotolocha May 18, 2007

Additional numbers attached? [] Yes [X] No

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

Name: David R. Fairbairn

Street Address: Kinney & Lange, P.A.,

312 South Third Street

City: Minneapolis State: MN ZIP 55415-1002

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

Name: Pratt & Whitney Rocketdyne, Inc.

Internal Address: _____

Street Address: 6633 Canoga Avenue

City: Canoga Park, State: CA ZIP 91309

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

4B. Patent No.(s)

11/805016

Additional numbers attached? [] Yes [X] No

6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41):.....\$ 40.00

The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No. 210279. Deposit Account Name: Pratt & Whitney. A duplicate copy of this communication is enclosed.

DO NOT USE THIS SPACE

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.

David R. Fairbairn

5/22/07

Date

Total number of pages including cover sheet, attachments and document: [3]

05/31/2007 MJAMA1 00000115 210279 11805016

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(40.00 DA)

ASSIGNMENT

Attorney Docket No.

U73.12-0090 / PA0001147US

First Named Inventor : Robert J. Pederson

Title : COMPACT, HIGH PERFORMANCE SWIRL COMBUSTION ROCKET ENGINE

WHEREAS, I, Robert J. Pederson, of Thousand Oaks, CA, U.S.A., have invented certain new and useful improvements as described in an application entitled COMPACT, HIGH PERFORMANCE SWIRL COMBUSTION ROCKET ENGINE for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. _____, filed _____; and

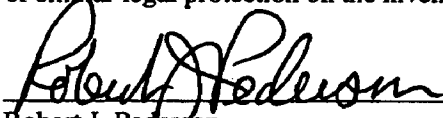
WHEREAS, Pratt & Whitney Rocketdyne, Inc., a corporation organized and existing under the laws of the State of Delaware, and having offices at 6633 Canoga Avenue, Canoga Park, CA 91309, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.


Robert J. Pederson

5/18/07
Date


Witness Signature

John K.F. Paris
Witness Printed Name