

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mark Andrew Fitzsimmons	04/09/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Pratt & Whitney Rocketdyne, Inc.
<b>Street Address:</b>	6633 Canoga Avenue
<b>City:</b>	Canoga Park
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91309
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12758859
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	PA11517A; 67397-151PUS1
<b>NAME OF SUBMITTER:</b>	David L. Wisz
<b>Total Attachments: 1</b> source=Signed_assignment#page1.tif	

**CH \$40.00 12758859**

**ASSIGNMENT**  
**(Sole Inventor)**

WHEREAS, I, **Mark Andrew Fitzsimmons** (hereinafter referred to as Assignor), of **6633 Canoga Avenue, Canoga Park, CA 91309**, have invented new and useful improvements in:

**MULTIPLE MOVING WALL DRY COAL EXTRUSION PUMP**

which is set forth in an application in the United States executed on even date herewith:

AND WHEREAS, **Pratt & Whitney Rocketdyne, Inc.** (hereinafter referred to as Assignee), of **6633 Canoga Avenue, Canoga Park, CA 91309**, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by the Assignor on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignor will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignor hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: April 9, 2010



**Mark Andrew Fitzsimmons**