

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT8084886

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS
CONVEYING PARTY DATA	
Name	Execution Date
BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT	07/28/2023
RECEIVING PARTY DATA	
Name:	AEROJET ROCKETDYNE OF DE, INC.
Street Address:	P.O. BOX 13222
City:	SACRAMENTO
State/Country:	CALIFORNIA
Postal Code:	95813-6000
PROPERTY NUMBERS Total: 15	
Property Type	Number
Patent Number:	9194335
Patent Number:	9149870
Patent Number:	9140215
Patent Number:	9046058
Patent Number:	8904752
Patent Number:	8997496
Patent Number:	8839761
Patent Number:	7744133
Patent Number:	6886622
Patent Number:	6829884
Application Number:	14761743
Application Number:	14646777
Application Number:	13821014
Application Number:	13626239
Application Number:	11832086
CORRESPONDENCE DATA	
Fax Number:	(704)331-1159
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	MOORE & VAN ALLEN PLLC
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ATTORNEY DOCKET NUMBER:	017625.004996
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NAME OF SUBMITTER:	JOHN SLAUGHTER
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SIGNATURE:	/john slaughter/
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DATE SIGNED:	07/28/2023
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Total Attachments: 3

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TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS

This **TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS**, dated as of July 28, 2023 (“Release”), is made by Bank of America, N.A., as Administrative Agent (“Administrative Agent”) in favor of Aerojet Rocketdyne of DE, Inc., a Delaware corporation (“Grantor”).

WHEREAS, pursuant to that certain Fourth Amended and Restated Security Agreement dated as of June 17, 2016 (as amended, modified, restated or supplemented from time to time, the “Security Agreement”) by and among the Grantor, Administrative Agent for the Secured Parties referenced therein, and others party thereto, Grantor granted to the Administrative Agent, for the benefit of the Secured Parties, a continuing security interest in, and a right to set off against, any and all right, title and interest of Grantor in and to all Patents, whether then owned or existing or owned, acquired or arising thereafter, including the patents and patent applications listed on Schedule A attached hereto (collectively, “Patent Collateral”); and

WHEREAS, pursuant to the Security Agreement, Grantor executed and delivered to Administrative Agent the Notice of Grant of Security Interest in Patents recorded at the United States Patent and Trademark Office (“USPTO”) on June 17, 2016 at Reel 039070 Frame 0109 (“Notice”).

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Administrative Agent, on behalf of the Secured Parties, and Grantor agree as follows:

SECTION 1. Defined Terms. All capitalized terms used herein but not otherwise defined herein have the meanings given to them in the Security Agreement or Notice.

SECTION 2. Termination and Release. Administrative Agent, on behalf of the Secured Parties, without any representation, warranty, recourse, or undertaking of any kind (whether express or implied), hereby:

(a) terminates, cancels, discharges, and releases the continuing security interest in, and the right to set off against, any and all right, title and interest of Grantor in and to the Patent Collateral, including, but not limited to, the foregoing listed on Schedule A attached hereto, granted pursuant to the Security Agreement or Notice; and

(b) authorizes and requests the recordation of this Release with the USPTO at Grantor’s expense.

SECTION 3. Choice of Law. This Release shall be governed by and construed in accordance with the law governing the Security Agreement.

IN WITNESS WHEREOF, the Administrative Agent, on behalf of the Secured Parties, has caused this Termination and Release of Security Interest in Patents to be duly executed as of the date first set forth above.

Administrative Agent:

Bank of America, N.A., as Administrative Agent

By: Melissa Mullis

Name: Melissa Mullis

Title: Vice President

Schedule A

**Aerojet Rocketdyne of DE, Inc.
(Delaware Corporation)**

**U.S. Patents Subject to Security Interest
Granted by Aerojet Rocketdyne of DE, Inc.
In Favor of Bank of America, N.A., as Administrative Agent
Recorded June 17, 2016 at Reel 039070 Frame 0109**

Issued Patents

Title	Patent No.	Issue Date
ROCKET ENGINE COOLANT SYSTEM INCLUDING AN EXIT MANIFOLD HAVING AT LEAST ONE FLOW GUIDE WITHIN THE MANIFOLD	9194335	11/24/15
ADDITIVE MANUFACTURING CHAMBER WITH REDUCED LOAD	9149870	10/06/15
ROCKET ENGINE PRESSURE SENSE LINE	9140215	09/22/15
SYSTEM AND METHOD OF COMBUSTION FOR SUSTAINING A CONTINUOUS DETONATION WAVE WITH TRANSIENT PLASMA	9046058	06/02/15
INJECTOR ASSEMBLY FOR A ROCKET ENGINE	8904752	12/09/14
HYBRID EXHAUST COMPONENT	8997496	04/07/15
AUGMENTER FOR COMPOUND COMPRESSION ENGINE	8839761	09/23/14
JOINTED HEAD WITH TEMPORARY CLAMP FOR STIRLING MACHINE	7744133	06/29/10
METHOD OF FABRICATING A SHAPE MEMORY ALLOY DAMPED STRUCTURE	6886622	05/03/05
ROCKET ENGINE COMBUSTION CHAMBER HAVING MULTIPLE CONFORMAL THROAT SUPPORTS	6829884	12/14/04

Patent Applications

Title	Appl. No.	Filing Date
ADDITIVE MANUFACTURING FOR ELEVATED-TEMPERATURE DUCTILITY AND STRESS RUPTURE LIFE	14761743 20150336171	07/17/15
ADJUSTABLE VALVE SLEEVE	14646777 20150300503	05/22/15
PUMPING ELEMENT DESIGN	13821014 20130170974	03/06/13
FUNCTIONALLY GRADED ADDITIVE MANUFACTURING WITH IN SITU HEAT TREATMENT	13626239 20130015609	09/25/12
IMPINGEMENT/CONVECTIVE COOLED COMBUSTION CHAMBER	11832086	08/01/07