506923786 10/15/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6970622

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS RYAN BRADY	12/10/2018

RECEIVING PARTY DATA

Name:	DYNAENERGETICS US, INC.
Street Address:	2050 W. SAM HOUSTON PARKWAY SOUTH
Internal Address:	SUITE 1750
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17502147

CORRESPONDENCE DATA

Fax Number: (866)250-1636

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.

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Email:joneill@moylesip.comCorrespondent Name:MOYLES IP, LLCAddress Line 1:1 ENTERPRISE DRIVE

Address Line 2: SUITE 428

Address Line 4: SHELTON, CONNECTICUT 06484

ATTORNEY DOCKET NUMBER: DMC051USCON_INV_DYNAUS	
NAME OF SUBMITTER:	JANELLE A. O'NEILL
SIGNATURE:	/Janelle A. O'Neill/
DATE SIGNED:	10/15/2021

Total Attachments: 2

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PATENT 506923786 REEL: 057802 FRAME: 0278

GLOBAL ASSIGNMENT

In accordance with my/our obligation(s) under any employee agreement or (as applicable) arising out of other agreements, and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Thomas	Ryan	Brady	of	Katy	Texas	USA

hereby sell and assign to:

Name of Company: DynaEnergetics US, Inc.	
Address: 2050 W. Sam Houston Parkway South, Suite 1750, Houston	n, Texas 77042

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title
US	Provisional	62/775,545	12/05/2018	A DIFFERENTIAL FLOW
				RATE CLOSING HEAD
US	Utility	16/695,729	11/26/2019	FIRING HEAD AND METHOD OF UTILIZING A FIRING HEAD
US	Utiltiy	17/502,147	10/15/2021	FIRING HEAD AND METHOD OF UTILIZING A FIRING HEAD

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or

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Moyles IP Docket No. DMC051

extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

INVENTOR		
-1. 1. 1. 1. 1.	· ·	12/10/2010
Signature: / Anna - Grant Val	Date:	12/10/20P
Thomas Ryan Brady		
Witnessed by	Date:	12/10/2018
Signature		
MATTHEW RICHMEDSON		
Printed Name of Witness		
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	e	12/10/2018
Witnessed by:	Date:	12/10/2018
Signature Soo TAN		* **
Printed Name of Witness		