

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7566462

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ERIC MULHERN	03/29/2020
RECEIVING PARTY DATA	
Name:	DYNAENERGETICS CANADA INC.
Street Address:	1-4 BURNT BASIN STREET
City:	RED DEER
State/Country:	CANADA
Postal Code:	T4P 0J3
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17955815
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	DMC073WOUSCON
NAME OF SUBMITTER:	JASON D. RADACHY
SIGNATURE:	/Jason D. Radachy/
DATE SIGNED:	09/29/2022
Total Attachments: 2	
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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 Country
Eric		Mulhern	of	Edmonton	CA

hereby sell and assign to:

Name of Company: DynaEnergetics Canada Inc.
Address: 1-4 Burnt Basin Street, Red Deer, Alberta, T4P 0J3 Canada

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	63/002,507	03/31/2020	ALIGNMENT SUB AND ORIENTING SUB ADAPTER
US	Utility	17/206,416	03/19/2021	ALIGNMENT SUB AND ORIENTING SUB ADAPTER
EP	PCT	PCT/EP2021/058182	03/29/2021	ALIGNMENT SUB AND ORIENTING SUB ADAPTER
US	Utility	17/955,815	09/29/2022	ALIGNMENT SUB AND PERFORATING GUN ASSEMBLY WITH ALIGNMENT SUB

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

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 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

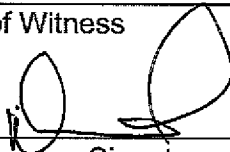
Signature: 
Eric Mulhern

Date: MARCH 29/2020

Witnessed by: 
Signature

Date: MARCH 29/2020

BRAD SIMPSON
Printed Name of Witness

Witnessed by: 
Signature

Date: MARCH 29/2020

DANIEL REED
Printed Name of Witness