

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5885753

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THIS DOCUMENT DOES NOT AFFECT TITLE. MISSING WORDING BETWEEN THE ASSIGNEE'S NAME AND THE LIST OF PATENTS HAS BEEN ADDED previously recorded on Reel 047083 Frame 0142. Assignor(s) hereby confirms the ADD: AND INTERESTS IN AND TO THE INVENTION AND IMPROVEMENTS MADE OR CONCEIVED BY US DESCRIBED IN.
CONVEYING PARTY DATA	
Name	Execution Date
FRANK HARON PREISS	10/10/2019
BERNHARD SCHARFENORT	10/08/2019
LIAM MCNELIS	10/09/2019
THILO SCHARF	10/08/2019
CHRISTIAN EITSCHBERGER	10/23/2019
RECEIVING PARTY DATA	
Name:	DYNAENERGETICS GMBH & CO. KG
Street Address:	KAISERSTRASSE 3
City:	TROISDORF
State/Country:	GERMANY
Postal Code:	53840
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16152933
CORRESPONDENCE DATA	
Fax Number:	(866)250-1636
<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>	
Phone:	2034284420
Email:	joneill@moylesip.com
Correspondent Name:	MOYLES IP, LLC
Address Line 1:	1 ENTERPRISE DRIVE
Address Line 2:	SUITE 428
Address Line 4:	SHELTON, CONNECTICUT 06484
ATTORNEY DOCKET NUMBER:	DMC037US_CORRECTIVE
NAME OF SUBMITTER:	JANELLE A. O'NEILL

SIGNATURE:	/Janelle A. O'Neill/
DATE SIGNED:	12/27/2019
Total Attachments: 14 source=DMC037US_Corrected_Assignment_executed#page1.tif source=DMC037US_Corrected_Assignment_executed#page2.tif source=DMC037US_Corrected_Assignment_executed#page3.tif source=DMC037US_Corrected_Assignment_executed#page4.tif source=DMC037US_Corrected_Assignment_executed#page5.tif source=DMC037US_Corrected_Assignment_executed#page6.tif source=DMC037US_Corrected_Assignment_executed#page7.tif source=DMC037US Assignment Cover Sheet_8Oct18#page1.tif source=DMC037US_Original_Assignment_executed#page1.tif source=DMC037US_Original_Assignment_executed#page2.tif source=DMC037US_Original_Assignment_executed#page3.tif source=DMC037US_Original_Assignment_executed#page4.tif source=DMC037US_Original_Assignment_executed#page5.tif source=DMC037US_Original_Assignment_executed#page6.tif	

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 County	Residence Country
Frank	Haron	Preiss	of	Bonn		DE
Bernhard		Scharfenort	of	Troisdorf		DE
Liam		McNelis	of	Bonn		DE
Thilo		Scharf	of	Letterkenny	Co. Donegal	IE
Christian		Eitschberger	of	München		DE

hereby sell and assign to:

Name of Company: DynaEnergetics GmbH & Co. KG
Address: Kaiserstrasse 3, Troisdorf, 53840, Germany

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	62/683,083	06/11/2018	CONDUCTIVE DETONATING CORD FOR PERFORATING GUN
US	Utility	16/152,933	10/05/2018	CONDUCTIVE DETONATING CORD FOR PERFORATING GUN

(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.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

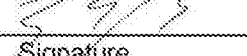
INVENTOR 1

Signature: 
Frank Haron Preiss

Date: 10.10.19

Witnessed by: 
Signature
Sven Leichtweiß
Printed Name of Witness

Date: 10.10.19

Witnessed by: 
Signature
Ingo Voigt
Printed Name of Witness

Date: 10.10.2019

INVENTOR 2

Signature: Bernhard Scharfenort
Bernhard Scharfenort

Date: 08-10-2019

Witnessed by: [Signature]
Signature

Date: 8th October 2019

Arash Shalipour
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 8th October 2019

JOERG MUELLER
Printed Name of Witness

INVENTOR 3

Signature Liam McNelis
Liam McNelis

Date Oct 9th 2019

Witnessed by Jerry Bernman
Signature

Date Oct 9th 2019

Jerry Bernman
Printed Name of Witness

Witnessed by [Signature]
Signature

Date Oct 9th 2019

Alison Suer
Printed Name of Witness

INVENTOR 4

Signature: Thilo Scharf
Thilo Scharf

Date: 08-OCT-2019

Witnessed by: Anne Marie Scharf
Signature

Date: 08/10/19


ANNE MARIE SCHARF
Printed Name of Witness

Witnessed by: R. Gallagher
Signature


Date: 8/10/19

RONAN GALLAGHER
Printed Name of Witness

INVENTOR 5

Signature: 
Christian Eltschberger

Date: 23.10.19

Witnessed by: 
Signature

Date: 23.10.19

Nadia Viarello
Printed Name of Witness

Witnessed by: 
Signature

Date: 23.10.2019

Andrei Nikolaev
Printed Name of Witness

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5175771

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRANK HARON PREISS	06/19/2018
BERNHARD SCHARFENORT	06/20/2018
LIAM MCNELIS	06/20/2018
THILO SCHARF	06/20/2018
CHRISTIAN EITSCHBERGER	06/20/2018
RECEIVING PARTY DATA	
Name:	DYNAENERGETICS GMBH & CO. KG
Street Address:	KAISERSTRASSE 3
City:	TROISDORF
State/Country:	GERMANY
Postal Code:	53840
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16152933
CORRESPONDENCE DATA	
Fax Number:	(866)250-1636
<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>	
Phone:	2034284420
Email:	jbailey@moylesip.com
Correspondent Name:	MOYLES IP LLC
Address Line 1:	1 ENTERPRISE DRIVE
Address Line 2:	SUITE 428
Address Line 4:	SHELTON, CONNECTICUT 06484
ATTORNEY DOCKET NUMBER:	DMC037US
NAME OF SUBMITTER:	JANELLE A. BAILEY
SIGNATURE:	/JANELLE A. BAILEY/
DATE SIGNED:	10/05/2018
Total Attachments: 6	

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
Frank	Haron	Preiss	of	Bonn	DE
Bernhard		Scharfenort	of	Troisdorf	DE
Liam		McNelis	of	Bonn	DE
Thilo		Scharf	of	Letterkenny	IE
Christian		Eitschberger	of	München	DE

hereby sell and assign to:

Name of Company: DynaEnergetics GmbH & Co. KG
Address: Kaiserstrasse 3, Troisdorf 53840, Germany

herein referred to as "Company", its successors and assigns our entire respective rights, titles the application(s) listed in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title
US	Provisional	62/683,083	06/11/2018	CONDUCTIVE DETONATING CORD FOR PERFORATING GUN
US	Utility	16/152,933	10/05/2018	CONDUCTIVE DETONATING CORD FOR PERFORATING GUN

(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.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature: F. P/B
Frank Haron Preiss

Date: 6/19/18

Witnessed by: Edwin Reek
Signature

Date: 6/19/18

[Signature]
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 6/19/18

Ronald J. Berger
Printed Name of Witness

INVENTOR 2

Signature: B. Scharfenort
Bernhard Scharfenort

Date: 20.6.2018

Witnessed by: Liam McNeils
Signature

Date: 20th June 2018

LIAM MCNEILS
Printed Name of Witness

Witnessed by: Thilo Scharf
Signature

Date: 20. JUN 2018

THILO SCHARF
Printed Name of Witness

INVENTOR 3

Signature: Liam McNelis
Liam McNelis

Date: 20th June 2018

Witnessed by: B. Sch
Signature

Date: 20.6.2018

Bernhard Scharfmont
Printed Name of Witness

Witnessed by: Thilo Sch
Signature

Date: 20-JUN-2018

THILO SCHARF
Printed Name of Witness

INVENTOR 4

Signature: Thilo Scharf
Thilo Scharf

Date: 20-JUN-2018

Witnessed by: Liam McNelis
Signature

Date: 20 June 2018


LIAM MCNELIS
Printed Name of Witness

Witnessed by: B. Scharf
Signature

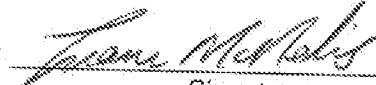
Date: 20-6-2018

Bernhard Scharfmont
Printed Name of Witness

INVENTOR 5

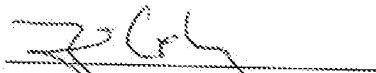
Signature: 
Christian Eitschberger

Date: 20. 6. 2018

Witnessed by: 
Signature

Date: 20th June 2018

LIAM McNEIS
Printed Name of Witness

Witnessed by: 
Signature

Date: 20th June 2018

Jörn Löhken
Printed Name of Witness