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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	Υ DATA				
		Name		Execution Date	
NICHOLAS A. SANDERS				08/12/2016	
E. MICHAEL SHIPULSKI				08/18/2016	
MICHAEL HOFFA			08/12/2016		
RECEIVING PARTY	DATA				
Name:	Hypert	erm, Inc.			
Street Address:	Etna R	oad, P.O. Box 5010			
City:	Hanov	r			
State/Country:	NEW	AMPSHIRE			
Postal Code:	03755				
PROPERTY NUMBE Property Ty		Number			
PROPERTY NUMBE Property Ty Application Numbe	/pe	Number 15228758			
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Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence w using a fax number</i> Phone: Email:	r: E DATA ill be sent to r, if provided	(617)526-9899 <i>the e-mail address first; in</i> <i>; if that is unsuccessful, it</i> 617-526-9600 mgomez@proskauer.com	f that is unsucc will be sent via	essful, it will be sent a US Mail.	
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PATENT Attorney Docket No.: HYP-164C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):	Sanders et al.	CONFIRMATION NO.:	2812
APPLICATION NO.:	15/228,758	FILING DATE:	August 4, 2016
TITLE:	Cartridge For a Liquid-Cooled Plasma Arc Torch		

DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

I. DECLARATION

As the below named inventor, I hereby make the following declarations with respect to the aboveidentified patent application:

The above-identified application was made or authorized to be made by me;

I believe that I am the original inventor or an original joint inventor of a claimed invention in the aboveidentified application;

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims;

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application; and

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

II. ASSIGNMENT

WHEREAS, I, Nicholas A. Sanders, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, Hypertherm, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of New Hampshire, and having a usual place of business at Etna Road, P.O. Box 5010, Hanover, NH 03755, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT U.S. Application No. 15/228,758 Page 2 of 2

had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives

SIGNATURE BLOCK

IN TESTIMONY WHEREOF, I have hereunto set my hand-and affixed my seal on the date set forth below.

Inventor:

cholas A. Sanders

NOTARIZATION

State/Commonwealth of NH County of Graf for On this 12th day of August , 2016, before me, the undersigned notary public, personally appeared Nick Sanders , proved to me through satisfactory evidence of identification, which were driver's license, to be the person whose name is signed on the preceding or attached document in my presence. GARRETT KENT QUILLIA. Notary Public Notary Public My Commission Expires December 20, 2018 My Commission Expires:)2/20//8 WITNESSES Witness Signature: Witness Signature: Witness Name: Witness Name: Witness Date: Witness Date:

PATENT Attorney Docket No.: HYP-164C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):	Sanders et al.	CONFIRMATION NO.:	2812
APPLICATION NO.:	15/228,758	FILING DATE:	August 4, 2016
TITLE:	Cartridge For a Liquid-Cooled Plasma Arc Torch		

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

II. ASSIGNMENT

WHEREAS, I, E. Michael Shipulski, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, Hypertherm, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of New Hampshire, and having a usual place of business at Etna Road, P.O. Box 5010, Hanover, NH 03755, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT U.S. Application No. 15/228,758 Page 2 of 2

had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives

III. SIGNATURE BLOCK

IN TESTIMONY WHEREOF, I have hereunto set my hand-and affixed my seal on the date set forth below.

Inventor:

Michael Shipulski

NOTARIZATION

State/Commonwealth of NH County of Graffor)) ss	
On this 18 th day of <u>August</u> personally appeared <u>E</u> . <u>Michael</u> evidence of identification, which were name is signed on the preceding or attac GARRETT KENT QUILLIA, Nota My Commission Expires December <u>WITNESSES</u>	I Shipulski , proved to me through satisfactory driver's license ached document in my presence btary Public)se) /
Witness Signature: Witness Name: Witness Date:	Witness Signature: Witness Name: Witness Date:	

PATENT REEL: 039496 FRAME: 0613

58959597v1

PATENT Attorney Docket No.: HYP-164C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):	Sanders et al.	CONFIRMATION NO.:	2812
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

II. ASSIGNMENT

WHEREAS, I, Michael Hoffa, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

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DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT U.S. Application No. 15/228,758 Page 2 of 2

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I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

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III. SIGNATURE BLOCK

IN TESTIMONY WHEREOF, I have hereunto set my hand-and affixed my seal on the date set forth below.

Inventor:

Michaels. Ho Michael Hoffa

NOTARIZATION

State/Commonwealth of MH) County of Graffon) ss	
On this 12 th day of <u>August</u> , 2016, personally appeared <u>M:ke</u> <u>Hoffa</u> evidence of identification, which were <u>driver</u> 's name is signed on the preceding or attached document is GARRETT KENT QUILLIA, Notary Public My Commission Expires December 20, 2018	<i>[i'cense]</i> , to be the person whose
WITNESSES	
Witness Signature:	Witness Signature:
Witness Name:	Witness Name:
Witness Date:	Witness Date:

58959604v1

PATENT REEL: 039496 FRAME: 0615

RECORDED: 08/22/2016