504874312 04/18/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4921052

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNG JE KIM	10/09/2015
JESSE A. ROBERTS	10/09/2015
SHREYANSH PATEL	10/09/2015

RECEIVING PARTY DATA

Name:	HYPERTHERM, INC.
Street Address:	ETNA ROAD, P.O. BOX 5010
City:	HANOVER
State/Country:	NEW HAMPSHIRE
Postal Code:	03755

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15952598

CORRESPONDENCE DATA

Fax Number: (617)526-9899

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.

Phone: (617) 526-9706

Email: shynes@proskauer.com **Correspondent Name:** PROSKAUER ROSE LLP

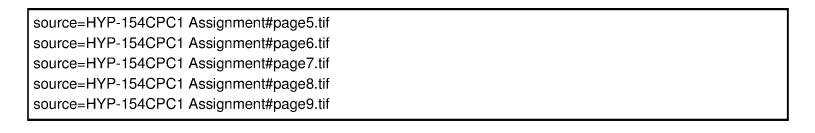
Address Line 1: ONE INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	HYP-154CPC1
NAME OF SUBMITTER:	XIN HU RASMUSSEN
SIGNATURE:	/Xin Hu Rasmussen, #63,264/
DATE SIGNED:	04/18/2018

Total Attachments: 9

source=HYP-154CPC1 Assignment#page1.tif source=HYP-154CPC1 Assignment#page2.tif source=HYP-154CPC1 Assignment#page3.tif source=HYP-154CPC1 Assignment#page4.tif



PATENT

Attorney Docket No.: HYP-154CP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):

Kim, et al.

CONFIRMATION NO.:

1035

APPLICATION NO.:

14/726,229

FILING DATE:

May 29, 2015

TITLE:

Cooling Plasma Cutting System Consumables and Related Systems and Methods

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 above-identified patent application attached hereto:

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, Sung Je Kim, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent attached hereto; 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 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

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

U.S. Application No.: 14/726,229

Page 2 of 3

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 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.

n	II. S	IGNATURE BI	LOCK	
IN TESTIMONY WHEREOF,	I have h	*		-
forth below.		Inventor:	Kim . Sung Je Kin	Simpe
NOTARIZATION				
State/Commonwealth of CA County of San Drego On this 9th day of OCT)) ss		ā.	
On this 9th day of OCT personally appeared Sung Je Kim, prove were CA Driver's license	ou to me	imough sansiaci	iory evidence	or identification, which
attached document in my presence. JOUNG HEE KII COMM. # 209956* SAN DIEGO COUNTY MY COMM. EXP. MAR. 8, 7	M & S	N. d. D. I.I.	Soff.	1
WITNESSES				
Witness Signature:		Witness	s Signature:	
Witness Name		Witness	a Mama	

DECLARATION PURS U.S. Application No.: 1 Page 3 of 3	UANT TO 37 C.F.R. § 1.63 AND . 4/726,229	ASSIGNMENT	
Witness Date:		Witness Date:	

Attorney Docket No.: HYP-154CP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):

Kim, et al.

CONFIRMATION NO.:

1035

APPLICATION NO.: 14/726,229

FILING DATE:

May 29, 2015

TITLE:

Cooling Plasma Cutting System Consumables and Related Systems and Methods

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

T. DECLARATION

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

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, Jesse A. Roberts, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent attached hereto; 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 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

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

U.S. Application No.: 14/726,229

Page 2 of 3

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 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.

818.	SIGNATURE BLOCK
	ave hereunto set my hand-and affixed my seal on the date set
forth below.	Inventor: Land All Lands
NOTARIZATION	
State/Commonwealth of NH)	s, 2015, before me, the undersigned notary public,
County of Graffon)s	8
personally appeared Jesse A. Roberts, prove	, 2015, before me, the undersigned notary public, ed to me through satisfactory evidence of identification, which , to be the person whose name is signed on the preceding or
attached document in my presence.	
GARRETT KENT QUILLIA, Notary Public ly Commission Expires December 20, 2018	Notary Public My Commission Expires: $\frac{ \lambda }{\partial \theta} \frac{18}{18}$
WITNESSES	/ /
Witness Signature:	Witness Signature:
Witness Name:	Witness Name:

DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT U.S. Application No.: 14/726,229 Page 3 of 3 Witness Date: Witness Date:

Attorney Docket No.: HYP-154CP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):

Kim, et al.

CONFIRMATION NO.:

1035

APPLICATION NO.:

14/726,229

FILING DATE:

May 29, 2015

TITLE:

Cooling Plasma Cutting System Consumables and Related Systems and Methods

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 above-identified patent application attached hereto:

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 above-identified 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, Shreyansh Patel, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent attached hereto; 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 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

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

U.S. Application No.: 14/726,229

Page 2 of 3

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 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	ve hereunto set my hand-and affixed my seal on the date set
forth below.	
	Inventor:
	Shreyansh Patel
NOTARIZATION	
State/Commonwealth of NH)	
County of Gration) ss	
On this 4th day of October	, 2015, before me, the undersigned notary public,
personally appeared Shreyansh Patel, proved	to me through satisfactory evidence of identification, which
	to be the person whose name is signed on the preceding or
attached document in my presence.	
GARRETT KENT QUILLIA, Notary Public	
My Commission Expires December 20, 2018	Notary Public 15 /2 /
	My Commission Expires: 12/20/18
WITNESSES	,
Witness Signature:	Witness Signature:
Witness Name	Witness Name

DECLARATION PURS U.S. Application No.: 14 Page 3 of 3	UANT TO 37 C.F.R. § 1.63 AN 4/726,229	D ASSIGNMENT	
Witness Date:		Witness Date:	,

PATENT REEL: 045574 FRAME: 0472

RECORDED: 04/18/2018