

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5148632

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CEDAR VANDERGON	08/29/2018
DAVID OSTERHOUSE	08/29/2018
STEVEN VOERDING	09/18/2018
SARA MANCELL	09/18/2018
PAUL T. FRANSEN	08/30/2018
KIMBERLY CATTEN ELY	08/14/2018
JON LINDSAY	08/14/2018
GARRETT QUILLIA	08/14/2018
BRETT HANSEN	08/20/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HYPERTHERM, INC.
<b>Street Address:</b>	ETNA ROAD
<b>Internal Address:</b>	P.O. BOX 5010
<b>City:</b>	HANOVER
<b>State/Country:</b>	NEW HAMPSHIRE
<b>Postal Code:</b>	03755
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16135567
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)893-3903
<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>	
<b>Phone:</b>	801.893.3900
<b>Email:</b>	lbateman@sunstoneip.com
<b>Correspondent Name:</b>	JONATHAN M. MADSEN
<b>Address Line 1:</b>	222 S. MAIN STREET
<b>Address Line 2:</b>	SUITE 500
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84101
<b>ATTORNEY DOCKET NUMBER:</b>	1069.12

PATENT

<b>NAME OF SUBMITTER:</b>	JONATHAN M. MADSEN
<b>SIGNATURE:</b>	/Jonthan M. Madsen/
<b>DATE SIGNED:</b>	09/19/2018
<b>Total Attachments: 18</b> source=1069-12_Combined-Declaration-and-Assignment#page1.tif source=1069-12_Combined-Declaration-and-Assignment#page2.tif source=1069-12_Combined-Declaration-and-Assignment#page3.tif source=1069-12_Combined-Declaration-and-Assignment#page4.tif source=1069-12_Combined-Declaration-and-Assignment#page5.tif source=1069-12_Combined-Declaration-and-Assignment#page6.tif source=1069-12_Combined-Declaration-and-Assignment#page7.tif source=1069-12_Combined-Declaration-and-Assignment#page8.tif source=1069-12_Combined-Declaration-and-Assignment#page9.tif source=1069-12_Combined-Declaration-and-Assignment#page10.tif source=1069-12_Combined-Declaration-and-Assignment#page11.tif source=1069-12_Combined-Declaration-and-Assignment#page12.tif source=1069-12_Combined-Declaration-and-Assignment#page13.tif source=1069-12_Combined-Declaration-and-Assignment#page14.tif source=1069-12_Combined-Declaration-and-Assignment#page15.tif source=1069-12_Combined-Declaration-and-Assignment#page16.tif source=1069-12_Combined-Declaration-and-Assignment#page17.tif source=1069-12_Combined-Declaration-and-Assignment#page18.tif	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Cedar Vandergon CONFIRMATION NO.:  
APPLICATION NO.: FILING DATE:  
TITLE: MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR  
PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED  
FLUID CUTTING SYSTEM

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:

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, Cedar Vandergon, 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/Commonwealth 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 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 hereunto set my hand-and affixed my seal on the date set forth below.

Inventor:

  
Cedar Vandergon

### NOTARIZATION

State/Commonwealth of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this 29 day of August, 2018 before me, the undersigned notary public, personally appeared «Inventor Name», proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

My Commission Expires: \_\_\_\_\_

### WITNESSES

Witness Signature: Josiah Walker  
Witness Name: Josiah Walker  
Witness Date: 8/29/2018

Witness Signature: Nathan Forde  
Witness Name: Nathan Forde  
Witness Date: 8/29/18

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): David Osterhouse CONFIRMATION NO.:  
APPLICATION NO.: FILING DATE:  
TITLE: MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR  
PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED  
FLUID CUTTING SYSTEM

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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, David Osterhouse, 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/Commonwealth 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 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

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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:

  
David Osterhouse

### NOTARIZATION


State/Commonwealth of )  
County of ) ss


On this 29 day of August, 2018 before me, the undersigned notary public, personally appeared «Inventor Name», proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

My Commission Expires: \_\_\_\_\_

### WITNESSES

Witness Signature:   
Witness Name: Nathan Federer  
Witness Date: 8/29/18

Witness Signature:   
Witness Name: Josiah Walker  
Witness Date: 8/29/2018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):	Steven Voerding	CONFIRMATION NO.:	
APPLICATION NO.:		FILING DATE:	
TITLE:	MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED FLUID CUTTING SYSTEM		

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

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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, Steven Voerding, 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/Commonwealth 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 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

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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:

  
Steven Voerding

### NOTARIZATION


State/Commonwealth of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss


On this 18 day of September, 2018 before me, the undersigned notary public, personally appeared «Inventor Name», proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

My Commission Expires: \_\_\_\_\_

### WITNESSES

Witness Signature:   
Witness Name: Nathan Quinn  
Witness Date: 09/18/2018

Witness Signature:   
Witness Name: Nathan Ferdever  
Witness Date: 09/18/18



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S):           Sara Mancell                           CONFIRMATION NO.:  
APPLICATION NO.:   FILING DATE:  
TITLE:                   MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR  
                              PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED  
                              FLUID CUTTING SYSTEM

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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, Sara Mancell, 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/Commonwealth 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 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

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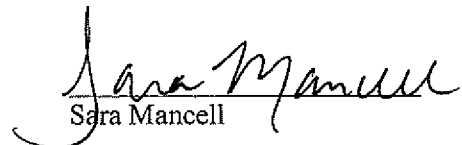
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Inventor:

  
Sara Mancell

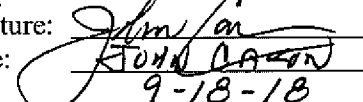
### NOTARIZATION


State/Commonwealth of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this 18 day of September, 2018 before me, the undersigned notary public, personally appeared «Inventor Name», proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document in my presence.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

### WITNESSES

Witness Signature:   
Witness Name: John Laron  
Witness Date: 9-18-18

Witness Signature:   
Witness Name: William Schultz  
Witness Date: 9-18-2018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Paul T Fransen CONFIRMATION NO.:  
APPLICATION NO.: FILING DATE:  
TITLE: MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR  
PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED  
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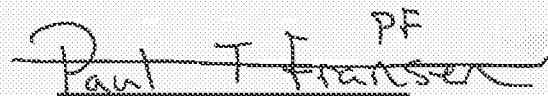
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Inventor:


  
Paul T Fransen

### NOTARIZATION

State/Commonwealth of )  
County of ) ss

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### WITNESSES

Witness Signature:   
Witness Name: STEVE KORMAN  
Witness Date: 8/30/18

Notary Public  
My Commission Expires: \_\_\_\_\_

Witness Signature:   
Witness Name: K. Patten  
Witness Date: 30 Aug 18

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Kimberly Catten Ely CONFIRMATION NO.:  
APPLICATION NO.: FILING DATE:  
TITLE: MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR  
PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED  
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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:

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, Kimberly Catten Ely, 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/Commonwealth 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 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.

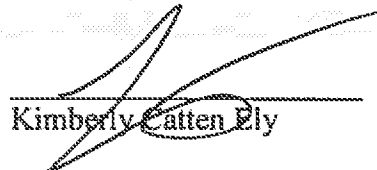
I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

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 hereunto set my hand-and affixed my seal on the date set forth below.

Inventor:

  
Kimberly Catten Ely

### NOTARIZATION

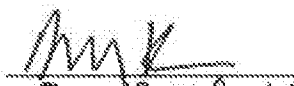
State/Commonwealth of )  
County of ) ss

On this 14 day of August, 2018 before me, the undersigned notary public, personally appeared «Inventor Name», proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

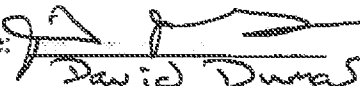
My Commission Expires: \_\_\_\_\_

### WITNESSES

Witness Signature: 

Witness Name: Ben Redfield

Witness Date: 8/14/18

Witness Signature: 

Witness Name: David Dumas

Witness Date: 8/14/18

**PATENT**

**REEL: 046913 FRAME: 0792**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Jon Lindsay CONFIRMATION NO.:  
APPLICATION NO.: FILING DATE:  
TITLE: MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR  
PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED  
FLUID CUTTING SYSTEM

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:

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, Jon Lindsay, 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/Commonwealth 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 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.

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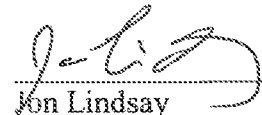
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### III. SIGNATURE BLOCK

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

Inventor:

  
Jon Lindsay

### NOTARIZATION


State/Commonwealth of )  
County of ) ss

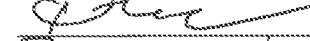
On this 14 day of August, 2018 before me, the undersigned notary public, personally appeared «Inventor Name», proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

My Commission Expires: \_\_\_\_\_

### WITNESSES

Witness Signature:   
Witness Name: Martin Higgins  
Witness Date: 8/14/18

Witness Signature:   
Witness Name: Brenda Mahoney  
Witness Date: 8/14/2018



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S):           Garrett Quillia                   CONFIRMATION NO.:  
APPLICATION NO.:   FILING DATE:  
TITLE:                   MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR  
                          PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED  
                          FLUID CUTTING SYSTEM

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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, Garrett Quillia, 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/Commonwealth 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 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

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### III. SIGNATURE BLOCK

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Inventor:

  
Garrett Quillia

### NOTARIZATION


State/Commonwealth of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss


On this 14 day of August, 2018 before me, the undersigned notary public, personally appeared «Inventor Name», proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

My Commission Expires: \_\_\_\_\_

### WITNESSES

Witness Signature:   
Witness Name: Jennifer Johnson  
Witness Date: 8/14/18

Witness Signature:   
Witness Name: Mary J. Allen  
Witness Date: 8/14/18

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Brett Hansen CONFIRMATION NO.:  
APPLICATION NO.: FILING DATE:  
TITLE: MULTI-SENSOR ANALYSIS AND DATA POINT CORRELATION FOR  
PREDICTIVE MONITORING AND MAINTENANCE OF A PRESSURIZED  
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II. ASSIGNMENT

WHEREAS, I, Brett Hansen, 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/Commonwealth 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.

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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:

  
Brett Hansen

### NOTARIZATION

State/Commonwealth of UTAH )  
County of UTAH ) ss

On this 20 day of AUGUST, <sup>2018</sup>2017 before me, the undersigned notary public, personally appeared «Inventor Name», proved to me through satisfactory evidence of identification, which were Brett Hansen - UTAH DL, to be the person whose name is signed on the preceding or attached document in my presence.



  
Notary Public

My Commission Expires: 03-26-2022

### WITNESSES

Witness Signature: \_\_\_\_\_  
Witness Name: \_\_\_\_\_  
Witness Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_  
Witness Name: \_\_\_\_\_  
Witness Date: \_\_\_\_\_