

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4751461

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THIRD ASSIGNOR'S LAST NAME AND ASSIGNEE'S ADDRESS previously recorded on Reel 044274 Frame 0815. Assignor(s) hereby confirms the THIRD ASSIGNORS LAST NAME AND ASSIGNEES ADDRESS WERE ENTERED INCORRECTLY.

CONVEYING PARTY DATA

Name	Execution Date
MARTIN KENDALL	11/21/2017
ROBERT CHARLES WHITAKER	11/29/2017
MARC STRAETEMANS	11/28/2017
DOMINIQUE FEYTONGS	11/21/2017
JACK CHILDS	11/21/2017

RECEIVING PARTY DATA

Name:	HERAEUS ELECTRO-NITE INTERNATIONAL N.V.
Street Address:	CENTRUM ZUID 1105
City:	HOUTHALEN
State/Country:	BELGIUM
Postal Code:	3530

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15828758

CORRESPONDENCE DATA

Fax Number: (202)772-5858
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: 2024202200
Email: lhayes@blankrome.com
Correspondent Name: BLANK ROME LLP
Address Line 1: 1825 EYE STREET NW
Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	138241.30400
NAME OF SUBMITTER:	COLE DUNCAN, PH.D.
SIGNATURE:	/Cole Duncan, Ph.D./
DATE SIGNED:	12/27/2017

Total Attachments: 8

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4713948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTIN KENDALL	11/21/2017
ROBERT CHARLES WHITAKER	11/29/2017
MARC STRAETEMAN	11/28/2017
DOMINIQUE FEYTONGS	11/21/2017
JACK CHILDS	11/21/2017
RECEIVING PARTY DATA	
Name:	HERAEUS ELECTRO-NITE INTERNATIONAL N.V.
Street Address:	CENTRIUM ZUID 1105
City:	HOUTHALEN
State/Country:	BELGIUM
Postal Code:	3530
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15828758
CORRESPONDENCE DATA	
Fax Number:	(202)772-5858
<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:	202-420-2200
Email:	lhayes@blankrome.com
Correspondent Name:	BLANK ROME LLP
Address Line 1:	1825 EYE STREET NW
Address Line 4:	WASHINGTON, D.C. 20006-5403
ATTORNEY DOCKET NUMBER:	138241.30400
NAME OF SUBMITTER:	COLE DUNCAN, PH.D.
SIGNATURE:	/Cole Duncan, Ph.D./
DATE SIGNED:	12/01/2017
Total Attachments: 3	
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**INVENTOR'S COMBINED
DECLARATION (37 CFR 1.63) AND ASSIGNMENT
(Utility Patent Application)**

As a below-named inventor/assignor of a certain new and useful invention entitled:

**METHOD FOR MEASURING A TEMPERATURE
OF A MOLTEN METAL BATH**

DECLARATION

I hereby declare that:

This Declaration is directed to the 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 application.

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.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

ASSIGNMENT

WHEREAS, I ("ASSIGNOR") desire/am obligated to assign to the below-named ASSIGNEE the invention identified above;

WHEREAS, ("ASSIGNEE"):

HERAEUS ELECTRO-NITE INTERNATIONAL N.V.
(a Belgium Corporation)
Centrum Zuid 1105
3530 Houthalen
BELGIUM

is desirous of acquiring the entire right, title and interest in and to the invention throughout the United States, and all right, title and interest in, to and under any and all Letters Patent of the United States resulting from the invention;

FOR GOOD and VALUABLE CONSIDERATION, the full receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S), intending to be legally bound, do hereby:

AUTHORIZE said ASSIGNEE, or its representatives to insert above the filing date and application number of the application when these are known;

SELL, ASSIGN, TRANSFER and CONVEY to ASSIGNEE the whole and entire right, title and interest for the United States and its possessions and territories in and to the invention which is disclosed in the above-identified patent application, and, in and to any and all patent applications related thereto including, but not limited to, all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues and all other applications for patent which have been or shall be filed in the United States on the invention; all original, reissued and reexamined patents and extensions thereof which have been or shall be issued in the United States on the invention to the full end of the term or terms for which the patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR(S) had this Assignment not been made; and specifically including all rights of priority created by the above patent application under any treaty, convention or law relating thereto;

AUTHORIZE and REQUEST the issuing authority to issue any and all United States patents granted on the invention to ASSIGNEE;

WARRANT and REPRESENT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by ASSIGNOR(S), and that the full right to convey the same as herein expressed is possessed by ASSIGNOR(S);

AGREE and UNDERTAKE, when requested and at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, ASSIGNOR(S) will execute all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the invention; execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to ASSIGNEE all facts known to ASSIGNOR(S) relating to the invention and the history thereof; and generally do everything possible which ASSIGNEE shall consider desirable for vesting title to the invention in ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for the invention; all without further compensation to ASSIGNOR(S);

TO BE BINDING on the heirs, assigns, representatives and successors of ASSIGNOR(S) and extending to the successors, assigns, and nominees of ASSIGNEE.

First/sole inventor/Assignor:

Date: NOVEMBER 21, 2017

Signature:



Typed Legal Name: Martin KENDALL

Second joint inventor/Assignor:

Date: NOVEMBER 29, 2017

Signature:

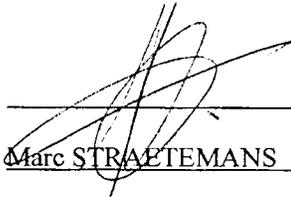


Typed Legal Name: Robert Charles WHITAKER

Third joint inventor/Assignor:

Date: NOVEMBER 28 2017

Signature:



Typed Legal Name: Marc STRAETEMANS

Fourth joint inventor/Assignor:

Date: NOVEMBER 21, 2017

Signature:



Typed Legal Name: Dominique FEYTONGS

Fifth joint inventor/Assignor:

Date: NOVEMBER 21, 2017

Signature:



Typed Legal Name: Jack CHILDS

is desirous of acquiring the entire right, title and interest in and to the invention throughout the United States, and all right, title and interest in, to and under any and all Letters Patent of the United States resulting from the invention;

FOR GOOD and VALUABLE CONSIDERATION, the full receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S), intending to be legally bound, do hereby:

AUTHORIZE said ASSIGNEE, or its representatives to insert above the filing date and application number of the application when these are known;

SELL, ASSIGN, TRANSFER and CONVEY to ASSIGNEE the whole and entire right, title and interest for the United States and its possessions and territories in and to the invention which is disclosed in the above-identified patent application, and, in and to any and all patent applications related thereto including, but not limited to, all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues and all other applications for patent which have been or shall be filed in the United States on the invention; all original, reissued and reexamined patents and extensions thereof which have been or shall be issued in the United States on the invention to the full end of the term or terms for which the patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR(S) had this Assignment not been made; and specifically including all rights of priority created by the above patent application under any treaty, convention or law relating thereto;

AUTHORIZE and REQUEST the issuing authority to issue any and all United States patents granted on the invention to ASSIGNEE;

WARRANT and REPRESENT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by ASSIGNOR(S), and that the full right to convey the same as herein expressed is possessed by ASSIGNOR(S);

AGREE and UNDERTAKE, when requested and at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, ASSIGNOR(S) will execute all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the invention; execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to ASSIGNEE all facts known to ASSIGNOR(S) relating to the invention and the history thereof; and generally do everything possible which ASSIGNEE shall consider desirable for vesting title to the invention in ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for the invention; all without further compensation to ASSIGNOR(S);

TO BE BINDING on the heirs, assigns, representatives and successors of ASSIGNOR(S) and extending to the successors, assigns, and nominees of ASSIGNEE.

First/sole inventor/Assignor:

Date: NOVEMBER 21, 2017

Signature:



Typed Legal Name: Martin KENDALL

Second joint inventor/Assignor:

Date: NOVEMBER 29, 2017

Signature:



Typed Legal Name: Robert Charles WHITAKER

Third joint inventor/Assignor:

Date: NOVEMBER 28 2017

Signature:

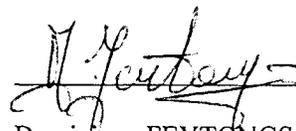


Typed Legal Name: Marc STRAETEMANS

Fourth joint inventor/Assignor:

Date: NOVEMBER 21, 2017

Signature:

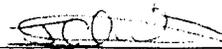


Typed Legal Name: Dominique FEYTONGS

Fifth joint inventor/Assignor:

Date: NOVEMBER 21, 2017

Signature:



Typed Legal Name: Jack CHILDS