#### 505649372 08/30/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5696178

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SAMUEL R. WAGSTAFF	06/04/2015
WAYNE J. FENTON	06/04/2015
ROBERT B. WAGSTAFF	06/04/2015
MILAN FELBERBAUM	06/24/2015
TODD F. BISCHOFF	06/04/2015
TINA J. KOSMICKI	06/16/2015

# **RECEIVING PARTY DATA**

Name:	NOVELIS INC.
Street Address:	3560 LENOX ROAD
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30326

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16556988

# **CORRESPONDENCE DATA**

Fax Number: (404)815-6555

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: 404-815-6500

Email: husmith@kilpatricktownsend.com

NOVELIS / KILPATRICK TOWNSEND & STOCKTON **Correspondent Name:** 

1100 PEACHTREE STREET Address Line 1:

Address Line 2: **SUITE 2800** 

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	062304-1152092
NAME OF SUBMITTER:	HUI CHIN SMITH
SIGNATURE:	/Hui Chin Smith/
DATE SIGNED:	08/30/2019

**PATENT** REEL: 050223 FRAME: 0546

505649372

# **Total Attachments: 4**

source=1152092 executed Assignment#page1.tif

source=1152092 executed Assignment#page2.tif

source=1152092 executed Assignment#page3.tif

source=1152092 executed Assignment#page4.tif

# ASSIGNMENT

(Patent Application)

We, Samuel R. Wagstaff, Wayne J. Fenton, Robert B. Wagstaff, Milan Felberbaum, Todd F. Bischoff, and Tina J. Kosmicki, the undersigned, have invented certain inventions and improvements disclosed in a utility non-provisional patent application entitled "NON-CONTACTING MOLTEN METAL FLOW CONTROL" filed with the United States Patent and Trademark Office on May 21, 2015 and assigned serial no. 14/719,050, and in an international patent application entitled "NON-CONTACTING MOLTEN METAL FLOW CONTROL" filed with the United States Receiving Office on May 21, 2015 and assigned serial no. PCT/US2015/032026.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Novelis Inc., 3560 Lenox Road, Suite 2000, Atlanta, Georgia 30326 ("Assignee"), the entire right, title, and interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent applications, implicitly or explicitly;
  - (b) the above-referenced patent applications, the right to claim priority to the above-referenced patent applications, all applications based in whole or in part upon the above-referenced patent applications, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, postgrant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent applications;
  - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
  - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

# ASSIGNMENT U.S. Patent Application No. 14/719,050 International Patent Application No. PCT/US2015/032026 Page 2 of 2

- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
  - 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
  - 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
  - 6. Authorize Kilpatrick Townsend & Stockton to insert above the application numbers and filing date(s) of the above-described patent applications if said information is not available at the time of the execution of this Assignment.

Signed on the dates indicated beside our signatures.

Send Martin	Date: 4 June 2015
SAMUEL R. WAGST AFEA VALUE VENTON	Date: 4 Jun 2015
Robert B. WAGSTAFF	Date: 4 June 2015
MILAN FELBERBAUM	Date:
Todd F. Bischoff	Date: 4 JUN 2015
TINA J. KOSMICKI	Date:

ASSIGNMENT U.S. Patent Application No. 14/719,050 International Patent Application No. PCT/US2015/032026 Page 2 of 2

Signed on the dates indicated beside our signatures.

- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- Authorize Kilpatrick Townsend & Stockton to insert above the application numbers and filing date(s) of the above-described patent applications if said information is not available at the time of the execution of this Assignment.

Date:

Date:

Date:

Date:

Date:

ROBERT B. WAGSTAFF

MILAN FELBERBAUM

Date: 24 JUNE 2015

Date:

TODD F. BISCHOFF

\_\_\_\_\_ Date: \_\_\_\_\_

ASSIGNMENT
U.S. Patent Application No. 14/719,050
International Patent Application No. PCT/US2015/032026
Page 2 of 2

Signed on the dates indicated beside our signatures.

- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize Kilpatrick Townsend & Stockton to insert above the application numbers and filing date(s) of the above-described patent applications if said information is not available at the time of the execution of this Assignment.

Date:

SAMUEL R. WAGSTAFF

Date:

WAYNE J. FENTON

Date:

ROBERT B. WAGSTAFF

Date:

MILAN FELBERBAUM

Date:

TODD F. BISCHOFF

Josniche Date: June 16, 2015

PATENT REEL: 050223 FRAME: 0551

RECORDED: 08/30/2019