

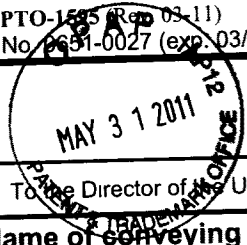
06/03/2011



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.



1. Name of conveying party(ies)

5/31/11

Jim BOORMAN  
Robert Bruce WAGSTAFF  
Randal Guy WOMACK

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) May 17, 23 and 16, 2011

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: NOVELIS INC.

Internal Address: \_\_\_\_\_

Street Address: 191 Evans Avenue

City: Toronto

State: Ontario

Country: CANADA Zip: M8Z 1J5

Additional name(s) & address(es) attached?  Yes  No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

13/066,474

Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Christopher C. Dunham

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City: New York

State: NY

Zip: 10112

Phone Number: 212 278-0400

Fax Number: 212 391-0525

Email Address: cdunham@cooperdunham.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number: 033125 13066474

Authorized User Name: Christopher C. Dunham

9. Signature:

*Christopher C. Dunham*

Signature

MAY 27, 2011

Date

Christopher C. Dunham, Reg. No. 22,031

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents.

4

## ASSIGNMENT OF INVENTION AND PRIORITY RIGHTS

I/we:

**Eric W. REEVES** of 4683 E. Hudlow Road, Hayden Lake, Idaho 83835, U.S.A.

**James BOORMAN** of 2207 N. Flora, Greenacres, Washington 99016, U.S.A.

**Robert Bruce WAGSTAFF** of P.O. Box 891, Greenacres, Washington 99016-0891, U.S.A.

**Randal Guy WOMACK** of P.O. Box 96, Spokane Valley, Washington 99037, U.S.A.

hereinafter called the assignor(s), in consideration of one Dollar (\$1.00) and other good and valuable consideration paid to me/us, which is hereby acknowledged, do hereby sell and assign to:

**NOVELIS INC.** of  
191 Evans Avenue, Toronto,  
Ontario M8Z 1J5, Canada

hereinafter called the assignee(s), all my/our right, title and interest in and to my/our invention entitled:

### **MOLTEN METAL LEAKAGE CONFINEMENT AND THERMAL OPTIMIZATION IN VESSELS USED FOR CONTAINING MOLTEN METALS**

as fully described and claimed in United States Patent Application Serial No. **13/066,474** filed on **April 14, 2011**.

This assignment of rights in and to the invention(s) shall extend to the United States of America any and all other countries, states, regions and jurisdictions of the world without limitation, and shall include all my/our right, title and interest in and to any and all patents, divisional patents, continuation patents, reissue patents, substitute or replacement patents, patent extensions, and the like, and/or any and all published or unpublished patent or PCT or provisional applications for the invention or inventions which have been or may be pursued, filed and/or obtained for the invention or inventions in any country or region of the world, either based on the above-identified patent application or filed and pursued independently thereof.

.../2

Application No.: 13/066,474

This assignment specifically authorizes the Assignee to file patent applications in any and all countries and regions of the world on any and all the invention or inventions or parts thereof in my/our name(s) or in the name of the Assignee or otherwise as the Assignee may deem advisable, or as the laws or regulations of particular countries or regions may dictate.

This assignment includes, but is not limited to, the transfer of any and all priority rights originating from the above Patent Application as may arise or exist under any and all bilateral and multi-lateral, regional or worldwide agreements, treaties and conventions of any and all countries, states, regions and jurisdictions of the world, and/or under the laws of the United States permitting the claiming of priority from domestic U.S. applications, and/or the priority rights originating from any other application or applications for the same invention or inventions, or parts thereof, that may generate priority rights claimed or claimable in the United States and elsewhere without limitation.

I/We hereby acknowledge that the aforesaid right, title and interest shall be held and enjoyed by the Assignee to the full ends of the terms for which all patents therefor are granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment had not been made, and I/we hereby agree to do all acts reasonably serving to assure that the aforesaid right, title and interest shall be so held and enjoyed by the Assignee, including but not limited to the authorization, completion and/or execution of documents required, including but not limited to confirmatory assignments, transfers, declarations, petitions, affidavits, statements (sworn or unsworn), and the like.

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The undersigned assignor(s) also acknowledges that this assignment confirms and incorporates any earlier assignment or transfer of rights in this invention, if any, from the assignor(s) to the assignee named herein, including but not limited to any oral, informal and/or implied assignment and any transfer resulting from any written, unwritten or implied employment agreement, contract of service, cooperative arrangement, legal obligation, or other transfer, but without any restriction or limitation of the rights granted to the assignee under the other terms herein of this present document.

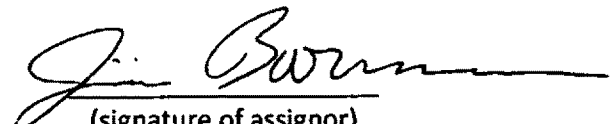
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Application No.: 13/066,474

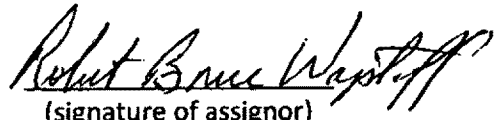
Date : \_\_\_\_\_  
Witness : \_\_\_\_\_  
Witness Sig. : \_\_\_\_\_  
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