

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2671550

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ERIC W. REEVES</td> <td>05/10/2011</td> </tr> <tr> <td>JAMES BOORMAN</td> <td>05/17/2011</td> </tr> <tr> <td>ROBERT BRUCE WAGSTAFF</td> <td>05/23/2011</td> </tr> <tr> <td>RANDAL GUY WOMACK</td> <td>05/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	ERIC W. REEVES	05/10/2011	JAMES BOORMAN	05/17/2011	ROBERT BRUCE WAGSTAFF	05/23/2011	RANDAL GUY WOMACK	05/16/2011
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ERIC W. REEVES	05/10/2011										
JAMES BOORMAN	05/17/2011										
ROBERT BRUCE WAGSTAFF	05/23/2011										
RANDAL GUY WOMACK	05/16/2011										
RECEIVING PARTY DATA											
Name:	NOVELIS INC.										
Street Address:	3560 LENOX ROAD										
Internal Address:	SUITE 2000										
City:	ATLANTA										
State/Country:	GEORGIA										
Postal Code:	30326										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14149903</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14149903						
Property Type	Number										
Application Number:	14149903										
CORRESPONDENCE DATA											
Fax Number:	(404)541-4638										
Phone:	404-815-6500										
Email:	lkimsey@kilpatricktownsend.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	JOHN S. PRATT, ESQ.										
Address Line 1:	KILPATRICK TOWNSEND & STOCKTON LLP										
Address Line 2:	1100 PEACHTREE STREET, SUITE 2800										
Address Line 4:	ATLANTA, GEORGIA 30309										
ATTORNEY DOCKET NUMBER:	62304-897071										
NAME OF SUBMITTER:	LUCY KIMSEY										

Signature:	/Lucy Kimsey/
Date:	01/08/2014
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

## 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.

I/We further acknowledge that said right, title and interest are further transferable or assignable in whole or in part by the Assignee, at the Assignee's discretion and without let or hindrance from me/us, to any other party, to include, but not be limited to, an assign, successor, trustee or legal representative of said Assignee.

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.

.../3

Application No.: 13/066,474

Date : 5/10/11  
 Witness : Robert E. High IV  
 Witness Sig. : Robert E. High IV  
 Address : 1580 Sng Harbor Cr.  
Greensboro, GA 30642



(signature of assignor)

Name: Eric W. REEVES

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

(signature of assignor)

Name: Jim BOORMAN

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

(signature of assignor)

Name: Robert Bruce WAGSTAFF

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

(signature of assignor)

Name: Randal Guy WOMACK

Application No.: 13/066,474

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

Witness : \_\_\_\_\_

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

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

Date : 5/17/2011

Witness : Betty Kramer

Witness Sig. : Betty Kramer

Address : 5410 W. Lowell  
Spokane WA 99208

Date : 5/23/2011

Witness : Betty Kramer

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Address : 5410 W. Lowell  
Spokane WA 99208

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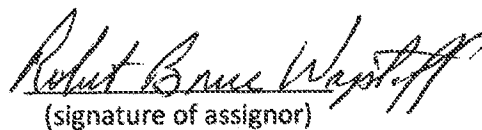
Address : 5410 W Lowell  
Spokane WA 99208

\_\_\_\_\_  
(signature of assignor)

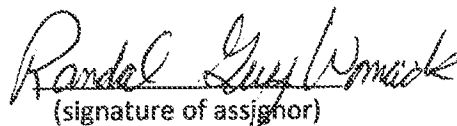
Name: Eric W. REEVES

  
(signature of assignor)

Name: Jim BOORMAN

  
(signature of assignor)

Name: Robert Bruce WAGSTAFF

  
(signature of assignor)

Name: Randal Guy WOMACK