U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office 1-31-92 07-16-2009 Attorney Dkt. 79367-A CCD 103567520 To the Honorable Commissioner of Pate a original documents or copy thereof. 1. Name of conveying parties. 2. Name and address of receiving party(is) Todd F. BISCHOFF Name: NOVELIS INC. Randy WOMACK Wayne J. FENTON Robert Bruce WAGSTAFF Additional name(s) of conveying party(is) attached? ∐ Yes ☒ No 3. Nature of Conveyance: Street Address 191 Evans Avenue City/Country Toronto, Ontario M8Z 1J5, ☐ Merger Assignment CANADA ☐ Change of Name ☐ Security Agreement Additional name(s) & address(es) attached? Other_ ☐ Yes ☒ No Execution Date: June 25, 25, 25, & 25, 2009 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No. A. Patent Application Serial No. 12/454,655 filed May 21, 2009 Yes X No Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of appln's and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41):.....\$ 40 CHRISTOPHER C. DUNHAM Name: ☐ Enclosed Internal Address: Authorized to be charged to Deposit Account 03-3125 Street Address: COOPER & DUNHAM LLP 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit 30 Rockefeller Plaza City: New York State: N.Y. Zip 10112 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original JULY 10, 2009 97/15/2009 DBYRNE D8000036 033125 12454655 CHRISTOPHER C. DUNHAM Name of Person Signing Reg. No. 22,031 Attorney for Applicants 46.86 DA 01 FC:8021 Total Number of pages comprising cover sheet: OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments

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2528/79367-A CCD U.S. ASSIGNMENT PENDING DES/PAT APPLICATION INDIVIDUAL(S) TO CO/IND

I/We,

Todd F. BISCHOFF of 15702 East 21st Ct., Spokane Valley, Washington 99037, U.S.A.

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Lawrence G. HUDSON of 10 Halsey Road, Pulaski, New York 13142, U.S.A.

in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of 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, the entire right, title and interest in and to the invention entitled

OXIDE RESTRAINT DURING CO-CASTING OF METALS

as disclosed in the United States patent application Serial No. 12/454,655 filed May 21, 2009 and in and to said United States patent, and in and to any and all reissues and extensions thereof, in and for the United States, Canada, and all other countries, the same to be held and enjoyed by the said assignee, its successors, assigns, or legal representatives to the full ends of the terms for which all Letters Patent therefor is granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, this assignment including the right to take action and recover in respect of any infringement of the patent that took place prior to the date of this assignment.

SIGNED at			 	
this	_ day of	·		

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	: Nune 35, 2009 : Ditty Kramer : 5410 W. Lowell Spokane WA 99208	Judd Dusself Todd F. BISCHOFF
Witness	: June 35, 2009 : Postly Kramer : Bry Kramer	Randy WOMACK
Date Witness	Sporane WA 99308 June 25, 2009 : Bull Kramer	Mayne J. FENTON
	Spokano WA 99208	Rolut Bru Wasteff
Date Witness Address	_ 1	Robert Bruce WAGSTAFF

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File No. 2528/79367-A CCD					
Date :	:				
Witness :	E	Lawrence G. HUDSON			
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