PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMUEL ROBERT WAGSTAFF	06/16/2021

RECEIVING PARTY DATA

Name:	NOVELIS INC.	
Street Address:	3560 LENOX ROAD, SUITE 2000	
City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30326	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17759925

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	108050-1331701	
NAME OF SUBMITTER:	HUI CHIN SMITH	
SIGNATURE:	/Hui Chin Smith/	
DATE SIGNED:	08/02/2022	

Total Attachments: 2

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> PATENT REEL: 060691 FRAME: 0637 507416210

ASSIGNMENT

(Patent Application)

I, Samuel Robert Wagstaff, the undersigned, have invented certain inventions and improvements disclosed in an international patent application entitled "ULTRASONIC TREATMENT FOR MICROSTRUCTURE REFINEMENT OF CONTINUOUSLY CAST PRODUCTS" filed with the United States Receiving Office on January 14, 2021 and assigned serial no. PCT/US2021/013370.

For 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 application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, 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, post-grant 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 application;
 - (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.
- 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,

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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 me, as well as my heirs, legal representatives, and assigns.
- 5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the date indicated beside my signature.

Date: 6/16/2021

Partie Tobert Wagstraff

SAMPLE ROBERT WAGSTAFF

PATENT REEL: 060691 FRAME: 0639

RECORDED: 08/02/2022