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SUBMISSION TYPE:			NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT		
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WEIWEN				03/24/2017
CORRADO BASSI				06/03/2017
AUDE DESPOIS				03/06/2017
GUILLAUME FLOREY				03/07/2017
XAVIER VARONE				03/07/2017
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PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:		16534	4520	
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ATTORNEY DOCKET NUMBER:	062304-1150049
NAME OF SUBMITTER:	HUI CHIN SMITH
SIGNATURE:	/Hui Chin Smith/
DATE SIGNED:	08/07/2019

Total Attachments: 3

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Any, Dkt. No. 062304-1024346 (NV0416 US (3)) Any, Dkt. No. 062304-1024347 (NV0416 WO (1W))

ASSIGNMENT

(Patent Application)

We, Hany Ahmed, Wei Wen, Corrado Bassi, Aude Despois, Guillaume Florey, and Xavier Varone, the undersigned, have invented certain inventions and improvements disclosed in a utility non-provisional patent application entitled "HIGH STRENGTH 6XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME" filed with the United States Patent and Trademark Office on December 16, 2016 and assigned serial no. 15/381,776, and in an international patent application entitled "HIGH STRENGTH 6XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME" filed with the United States Receiving Office on December 16, 2016 and assigned serial no. PCT/US2016/067209, both of which claim the benefit of U.S. Provisional Application No. 62/269,180 entitled "HIGH STRENGTH 6XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME" filed on December 18, 2015.

For good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- 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, 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 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

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- (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 Assignce's own use.
- 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.

Signed on the dates indicated beside our signatures.

Date:	<u> 7.3.2017</u>	HANY AHMED
Date:	3/24/2017	1/25than_
Date:	6.2.2017	WEI WEN

PATENT REEL: 049991 FRAME: 0697 ASSIGNMENT U.S. Patent Application No. 15/381,776 International Patent Application No. PCT/US2016/067209 Page 3 of 3

Date:	Nech 6th 2017	Alber 2003 AUDE DESPOIS
Date:	March 7th 2017	GUHLIAUMETLOREY
Date:	March 7th 2017	XAVIER VARONE

RECORDED: 08/07/2019