

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4956663

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARCELORMITTAL TUBULAR PRODUCTS CANADA INC.	12/23/2015
RECEIVING PARTY DATA	
Name:	ARCELORMITTAL TUBULAR PRODUCTS CANADA G.P.
Street Address:	1330 BURLINGTON STREET EAST
City:	HAMILTON, ONTARIO
State/Country:	CANADA
Postal Code:	L8N 3J5
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	13124509
Application Number:	13911357
Application Number:	15925156
CORRESPONDENCE DATA	
Fax Number:	(561)244-1062
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	561-922-3845
Email:	docketing@crgolaw.com
Correspondent Name:	CRGO LAW
Address Line 1:	7900 GLADES ROAD
Address Line 2:	SUITE 520
Address Line 4:	BOCA RATON, FLORIDA 33434
ATTORNEY DOCKET NUMBER:	1083-108
NAME OF SUBMITTER:	STEVEN M. GREENBERG
SIGNATURE:	/Steven M. Greenberg/
DATE SIGNED:	05/10/2018
Total Attachments: 5	
source=1083-108_Assignment#page1.tif	
source=1083-108_Assignment#page2.tif	
source=1083-108_Assignment#page3.tif	

source=1083-108_Assignment#page4.tif

source=1083-108_Assignment#page5.tif

PATENT ASSIGNMENT

WHEREAS ARCELORMITTAL TUBULAR PRODUCTS CANADA INC., a corporation having a place of business at 1330 Burlington Street East, Hamilton, ON L8N 3J5 (hereinafter referred to as the "ASSIGNOR"), is owner of the issued patents and patent applications listed in Schedule "A" to this Assignment (collectively the "Patents"), and is owner of the inventions described therein (the "Inventions").

AND WHEREAS, the ASSIGNOR has agreed to assign all of its right, title, and interest in and to the Patents and Inventions and any patent applications claiming priority therefrom, and any continuation, continuation-in-part, and divisional patent applications thereof, and all and any foreign applications corresponding thereto, and all and any Letters Patent that may be obtained therefor, in Canada, the United States of America and all other countries to ARCELORMITTAL TUBULAR PRODUCTS CANADA G.P., whose address is 1330 Burlington Street East, Hamilton, ON L8N 3J5 (hereinafter referred to as the "ASSIGNEE");

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby confirm that the ASSIGNOR has agreed to assign, sell, transfer and set over and, for greater certainty, by these presents, does hereby assign, sell, transfer and set over to the ASSIGNEE, its successors and assigns effective as of January 1, 2016, the whole right, title and interest for Canada, the United States of America and all other countries, in and to the Patents, and in and to the Inventions, and any patent applications claiming priority therefrom, and any continuation, continuation-in-part, and divisional patent applications thereof, and all and any foreign applications corresponding thereto, and all and any Letters Patent that may be obtained therefor, in Canada, the United States of America, and all other countries;

AND the ASSIGNOR covenants and agrees that the ASSIGNOR will, at any time upon the request and at the expense of the ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of the ASSIGNEE, to enable and assist the ASSIGNEE to (a) obtain any and all Letters Patent for the Invention in the United States of America, Canada or any other country; (b) establish, maintain and secure title in the ASSIGNEE, its successors, assigns, nominees or other legal representatives, to the Invention, the Application and any Letters Patent therefor, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of any Letters Patent and enforce rights therein against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment;

AND the ASSIGNOR authorizes and requests the Patent Offices of the United States of America, Canada or any other country to issue all Letters Patent based on or corresponding to the

229122.00817-92351865

Application and each divisional, re-examination, and continuation thereof to the ASSIGNEE, its successors, assigns, nominees or other legal representatives.

[Signature page follows]

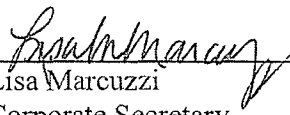
229122.0081792351865

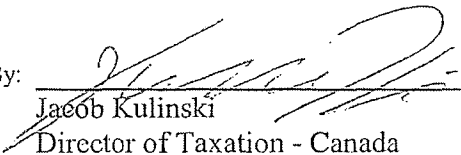
PATENT
REEL: 045775 FRAME: 0079

IN TESTIMONY WHEREOF, the ASSIGNOR has duly executed this assignment on the date set forth below.

EXECUTED at Hamilton, Ontario, this 23rd day of December, 2015.

**ARCELORMITTAL TUBULAR
PRODUCTS CANADA INC.**

By: 
Lisa Marcuzzi
Corporate Secretary

By: 
Jacob Kulinski
Director of Taxation - Canada

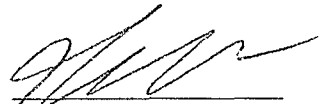
STATEMENT OF WITNESS

I, Neil Turchyn, whose full post
office
(Name of Witness)

address is 74 Enmore Ave., Ancaster, Ontario
(Address of Witness)

state and declare that I was personally present and did see Lisa Marcuzzi and Jacob Kulinski
who are personally known to me to be authorized signing officers of the ASSIGNOR named in
the above assignment, duly execute the same on the date set forth above.

DECLARED at Hamilton, Ontario, this 23rd day of December, 2015.


(Signature of Witness)

SCHEDULE "A"

Application Title	Country	Filed Date	Application No.	Granted Date	Patent No.
TWIST-AXLE OF VARIABLE WALL THICKNESS	Canada	2008-11-28	2644464	2010-04-20	2644464
VEHICLE FRAME HAVING ENERGY MANAGEMENT SYSTEM AND METHOD FOR MAKING SAME	Canada	2004-08-06	2534653	2012-12-04	2534653
VEHICLE STRUCTURAL COMPONENTS MADE FROM TUBULAR MEMBERS AND METHOD THEREFOR	Canada	2005-10-03	2522109	-	-
METHOD OF MANUFACTURING STRUCTURAL COMPONENTS FROM TUBE BLANKS OF VARIABLE WALL THICKNESS	Canada	2002-04-04	2442430	2009-06-30	2442430
TWIST-AXLE WITH LONGITUDINALLY-VARYING WALL THICKNESS	US	October 31, 2012	13/664,698	October 6, 2015	9,150,073
TWIST-AXLE WITH LONGITUDINALLY-VARYING WALL THICKNESS	US	October 15, 2009	13/124,509	July 23, 2013	8,490,990
METHOD OF MANUFACTURING STRUCTURAL COMPONENTS FROM TUBE BLANKS OF VARIABLE WALL THICKNESS	US	April 4, 2002	10/474,238	March 27, 2012	8,141,404
TUBULAR AXLE HOUSING WITH	US	August 18,	12/193,417	January 11, 2011	7,866,759

229112.0081/92351865

Application Title	Country	Filed Date	Application No.	Granted Date	Patent No.
VARYING WALL THICKNESS		2008			
UNITARY REAR AXLE HOUSING AND METHOD FOR MANUFACTURING SAME	US	August 25, 2006	11/510,196	March 23, 2010	7,681,426
TUBULAR ARTICLES WITH VARYING WALL THICKNESS AND METHOD OF MANUFACTURING SAME	US	October 28, 2005	11/261,369	August 19, 2008	7,412,866

229122.0081792351865

PATENT

REEL: 045775 FRAME: 0082

RECORDED: 05/10/2018