PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4876945

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAURENT CRETTEUR	01/04/2018
QINGDONG YIN	03/20/2018
FRANCIS SCHMIT	01/22/2018
WOLFRAM EHLING	01/22/2018

RECEIVING PARTY DATA

Name:	ARCELORMITTAL	
Street Address: 24-26 BOULEVARD D'AVRANCHES		
City: LUXEMBOURG		
State/Country:	LUXEMBOURG	
Postal Code:	L-1160	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15637928
Application Number:	15637913

CORRESPONDENCE DATA

Fax Number:

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.

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Email: ddk@ddkpatent.com, jdowningbrown@ddkpatent.com

Correspondent Name: DAVIDSON, DAVIDSON & KAPPEL, LLC

Address Line 1: 589 8TH AVENUE, 16TH FLOOR
Address Line 4: NEW YORK, NEW YORK 10018

ATTORNEY DOCKET NUMBER:	20704.1050CON1 & CON2
NAME OF SUBMITTER:	JENNIFER L. O'CONNELL
SIGNATURE:	/Jennifer L. O'Connell/
DATE SIGNED:	03/21/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT REEL: 045304 FRAME: 0001

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source=SignedDeclarationandAssignmentCRETTEUR#page1.tif source=ExecutedDeclarationandAssignmentYIN#page1.tif source=SignedDeclarationandAssignmentSCHMIT#page1.tif source=SignedDeclarationandAssignmentEHLING#page1.tif

> PATENT REEL: 045304 FRAME: 0002

(For Use with Signed Application Data Sheet)

Title of Inventions: HOT-FORMED PREVIOUSLY WELDED STEEL PART WITH VERY HIGH MECHANICAL RESISTANCE AND PRODUCTION METHOD

This as	signment and declaration are directed to (check one);
	the attached application;
\boxtimes	the application identified by attorney docket nos. 20704.1050CON1 and 20704.1050CON2 and title of
	inventions given above;
\boxtimes	United States Application or PCT International Application Nos. 15/637,928 and 15/637,913, filed
	June 29, 2017.
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and hereby sell and assign, to:

Name of Assignee: ARCELORMITTAL

Address of Assignee: 24-26 Blvd d'Avranches L-1160 Luxembourg, Luxembourg

(hereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.

I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.

DECLARATION

As a below-named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (§) years, or both.

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Signature:	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			
Inventor:	Laurent CRETTEUR	Date:	- Hamey	2013
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(For Use with Signed Application Data Shret)

Title of Inventions: HOT-FORMED PREVIOUSLY WELDED STEEL PART WITH VERY HIGH MECHANICAL RESISTANCE AND PRODUCTION METHOD

MECHANICAL RESISTANCE AND PRODUCTION METHOD
This assignment and declaration are directed to (check one): the attached application; the application identified by attorney docket nos. 20704.1050CON1 and 20704.1050CON2 and title of inventions given above; United States Application or PCT International Application Nos. 15/637,928 and 15/637,913, filed June 29, 2017. ASSIGNMENT
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below- named inventor I have sold and assigned, and hereby sell and assign, to:
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I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.

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Signature:		***************************************	
Inventor:	Qingdong VIN	Date:	20 MAROH 2018

Page 1 of 1

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inventions given above; United States Application or PCT International Application Nos. 15/637,928 and 15/637.913, filed June 29, 2017.		
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Inventor: Francis SCHMIT Date: 2048 22 nd 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

Page 1 of 1 REEL: 045304 FRAME: 0005

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Inventor: Wolfram EHLING Date: 77 101/2019.

RECORDED: 03/21/2018

PATENT Page 1 of 1 REEL: 045304 FRAME: 0006