## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6819442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>
THIERRY STUREL	07/13/2021
BLANDINE REMY	06/21/2021
EMMANUEL LUCAS	07/04/2021
GIANNI BOI	06/22/2021

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17311677

#### **CORRESPONDENCE DATA**

Fax Number: (212)736-2427

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.

Email: ddk@ddkpatent.com

**Correspondent Name:** DAVIDSON, DAVIDSON & KAPPEL, LLC

Address Line 1: 589 EIGHTH AVE, 22ND FL

Address Line 4: LUXEMBOURG, LUXEMBOURG L-1160

ATTORNEY DOCKET NUMBER:	EY DOCKET NUMBER: 20704.1181	
NAME OF SUBMITTER:	WILLIAM C. GEHRIS, REG. NO. 38156	
SIGNATURE:	/williamcgehris/	
DATE SIGNED:	07/19/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 4** 

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> **PATENT** REEL: 056898 FRAME: 0894 506772625

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> PATENT REEL: 056898 FRAME: 0895

(For Use with Signed Application Data Sheet)

Title of Invention: A PRESS HARDENED PART WITH HIGH REISISTANCE TO DELAYED FRACTURE AND A MANFACTURING PROCESS THEREOF

Attorney Docket No.: 20704.1181

This assignment and declaration are directed to (check one):

the ap	tached application;  oplication identified by the attorney docket no. a  d States Application or PCT International Appli	nd title of invention given above; cation No. PCT/IB2018/060219, filed December 18,
<u>2018</u> .		
	ASSIGNM	
	I valuable consideration, the receipt and sufficient tor I have sold and assigned, and hereby sell and	ncy of which are hereby acknowledged, as a below- assign, to:
	signee: ARCELORMITTAL Assignee: 24-26 Blvd d'Avranches, L-1160 La	xembourg, Luxembourg
patent applica Patent of the reissues or ex of the term or utility models the United Str rights derived Convention for the country in ASSIGNEE, models, desig without limits invention in a to be held and any and all su	ation, including: (i) any and all divisions or con United States that may issue on any such applicatensions thereof, to be held and enjoyed by said at terms for which any and all such Letters Patents, and designs which may hereafter be filed for sates, together with the right to file such applicat I from said United States application under the I for the Protection of Industrial Property, or any on which any such application is filed, as may be its successors, or assigns to the full end of the tegns or other rights may be granted; and (iii) all feation, patents, utility models, inventors' certification country or countries foreign to the United State any open as a successors, or ach patents, utility models, designs or other rights and patents, utility models, designs or other rights.	rm or terms for which any and all such patents, utility orms of industrial property protection, including, tes and designs which may be granted for said ates and all extensions, renewals and reissues thereof, assigns to the full end of the term or terms for which is 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 not executed	covenant that I have the right to sell and assign and will not execute any document or instrumer	the interests herein sold and assigned and that I have tin conflict herewith.
assigns all int deliver any per necessary or convention, to a may be granted or to assist sat Letters Patent	formation known to me relating to said invention apers, make all rightful oaths, testify in any lega desirable by said ASSIGNEE, its successors, legated application including divisions and continued therefor or thereon, including reissues or extend ASSIGNEE, its successors, legal representations.	al representatives, or assigns to perfect title to said ations thereof and to any and all Letters Patent that insions, in said ASSIGNEE, its successors, or assigns, wes, or assigns in obtaining, reissuing, or enforcing aility models, designs or other rights that may be
	DECLARA	TION
As a below-no	amed inventor, I hereby declare that:	
The above-ide	lentified application was made or authorized to b	e 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 (5) years, or both.		
Signature:		2 0
Inventor:	Gianni BOI	Date: 22 Juliu 2021

Page 1 of 1

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Attorney Docket No.: 20704.1181
This assignment and declaration are directed to (check one):  the attached application;
the application identified by the attorney docket no, and title of invention given above; United States Application or PCT International Application No. <u>PCT/1B2018/060219</u> , filed <u>December 18.</u> 2018
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: 24-16 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.
<u>DECLARATION</u>
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 (5) years, or both.
Signature:  The same Constitution of the Const

REEL: 056898 FRAME: 0897

(For Use with Signed Application Data Sheet)

# Title of Invention: A PRESS HARDENED PART WITH HIGH REISISTANCE TO DELAYED FRACTURE AND A MANFACTURING PROCESS THEREOF

Attorney Docket No.: 20704.1181
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<u>ASSIGNMENT</u>
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.
<u>DECLARATION</u>
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 (5) years, or both.
Signature:
Inventor: Blandine REMY Date: 1/ 1010 202/

PATENT REEL: 056898 FRAME: 0898

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## Title of Invention: A PRESS HARDENED PART WITH HIGH REISISTANCE TO DELAYED FRACTURE AND A MANFACTURING PROCESS THEREOF

Attorney Docket No.: 28704.1181	
This assignment and declaration are directed to (check one):  the attached application;  the application identified by the attorney docket no, and title of invention given above;  United States Application or PCT International Application No. PCT/IB2018/060219, filed December 18,	
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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'Ayranches, 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 (5) years, or both.  Signature:	
Inventor: Thierry STUREL Date: 13/07/2021	

Page 1 of 1

**RECORDED: 07/19/2021**