506212376 08/20/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6259119

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASTRID PERLADE	08/17/2020
KANGYING ZHU	08/19/2020
CORALIE JUNG	08/17/2020
FREDERIC KEGEL	08/17/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16766328

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: NEW YORK, NEW YORK 10018

ATTORNEY DOCKET NUMBER:	20704.1134
NAME OF SUBMITTER:	WILLIAM C. GEHRIS, REG. NO. 38156
SIGNATURE:	/williamcgehris/
DATE SIGNED:	08/20/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 053545 FRAME: 0495

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PATENT REEL: 053545 FRAME: 0496

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

c.rntions	COLDROLLED	AND ANNEALED	STEEL SHEE	T AND METHOD OI	ď
Title of Invention:	CODDICEDED				
MANUFACTURI	NG THE SAME				

Attorney Docket No.: 20704.1134
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; the application identified by the attorney docket no. and title of invention given above; United States Application or PCT International Application No. PCT/IB2018/059162 , filed November 21 .
2018. ASSIGNMENT
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a belownamed 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 application, including any and all 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, 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.
Thereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Tetters 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: / Clm Why /
Inventor: Astrid PERLADE Date: 17/08/80

Page 1 of 1

PATENT REEL: 053545 FRAME: 0497

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention: COLD ROLLED AND ANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME

MANUTACIONEM TIMOME	
Attorney Docket No.: 20704.1134	
This assignment and declaration are directed to (check one): the attached application; the application identified by the attorney docket no. and to United States Application or PCT International Application 2018.	on No. <u>PCT/IB2018/059162,</u> filed <u>November 21.</u>
<u>ASSIGNMEN</u>	
For good and valuable consideration, the receipt and sufficiency named inventor I have sold and assigned, and hereby sell and ass	of which are hereby acknowledged, as a below- ign, to:
Name of Assignee: ARCELORMITTAL Address of Assignee: 24-26 Blvd d'Avranches, L-1160 Luxer	nbourg, Luxembourg
(hereinafter ASSIGNEE) all right, title, and interest in and to the patent application, including: (i) any and all divisions or continue Patent of the United States that may issue on any such application reissues or extensions thereof, to be held and enjoyed by said AS of the term or terms for which any and all such Letters Patent may utility models, and designs which may hereafter be filed for said the United States, together with the right to file such applications rights derived from said United States application under the Pater Convention for the Protection of Industrial Property, or any other the country in which any such application is filed, as may be application without limitation, patents, or assigns to the full end of the term without limitation, patents, utility models, inventors' certificates invention in any country or countries foreign to the United State to be held and enjoyed by said ASSIGNEE, its successors, or assigns any and all such patents, utility models, designs or other rights in	n or for said invention, including any and all Letters n or for said invention, including any and all sSIGNEE, its successors, or assigns to the full end by be granted; (ii) all applications for patents, invention in any country or countries foreign to so and the right to claim for the same the priority and Laws of the United States, the International reinternational agreement or the domestic laws of or terms for which any and all such patents, utility as of industrial property protection, including, and designs which may be granted for said and all extensions, renewals and reissues thereof, signs to the full end of the term or terms for which
I hereby authorize and request the Director of the U.S. Patent an Letters Patent to said ASSIGNEE, its successors, or assigns in a	ccordance herewith.
I warrant and covenant that I have the right to sell and assign the not executed and will not execute any document or instrument in	conflict herewith.
I further covenant and agree that I will communicate to said ASS assigns all information known to me relating to said invention of deliver any papers, make all rightful oaths, testify in any legal processary or desirable by said ASSIGNEE, its successors, legal invention, to said application including divisions and continuation may be granted therefor or thereon, including reissues or extension to assist said ASSIGNEE, its successors, legal representatives. Letters Patent of the United States and any and all patents, utiling granted in the United States or of any country or countries foreigned.	r patent application and that I will execute and roceedings, and perform all other lawful acts representatives, or assigns to perfect title to said ons thereof and to any and all Letters Patent that ions, in said ASSIGNEE, its successors, or assigns, or assigns in obtaining, reissuing, or enforcing ty models, designs or other rights that may be
<u>DECLARATI</u>	<u>on</u>
As a below-named inventor, I hereby declare that:	
The above-identified application was made or authorized to be	
I believe that I am the original inventor or an original joint inve	
I hereby acknowledge that any willful false statement made in t § 1001 by fine or imprisonment of not more than five (5) years,	his declaration is punishable under 18 U.S.C. or both.
Signature: 15 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0.4 - 4
Inventor: Kangying ZHU	Date: 19/08/2020

Page 1 of 1

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention: COLD ROLLED AND ANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME

Α	titorney Dockei No.: 20704.1134
Ţ	his assignment and declaration are directed to (check one):
2	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/IB2018/089162</u> , filed <u>November 21</u> , 018.
	<u>ASSIGNMENT</u>
	or good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below- amed invenior I have sold and assigned, and hereby sell and assign, to:
N	fame of Assignee: ARCELORMITTAL
	Address of Assignee: 24-26 Bivd d'Avranches, L-1166 Luxembourg, Luxembourg
pp room the control of the control o	thereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United States atent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters ratem of the United States that may issue on any such application or for said invention, including any and all elessues 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, tility models, and designs which may hereafter be filed for said invention in any country or countries foreign to be United States, together with the right to file such applications and the right to claim for the same the priority lights 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; inventors' certificates and designs which may be granted for said avention 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 my and all such patents, utility models, designs or other rights may be granted.
L	hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such enters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.
n	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.
a d n in o L	further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or ssigns all information known to me relating to said invention or patent application and that I will execute and leliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts accessory 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>
Į.	As a below-named inventor, I hereby declare that:
1	The above-identified application was made or authorized to be made by me.
)	believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
S	hereby acknowledge that any willful fulse 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:
I	nventor, Caralia HING Date: 12

ASSIGNMENT AND DECLARATION UNDER 37 C.E.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention: COLD ROLLED AND ANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME

	ACCULANT CARLA CARLA CARLA ARRANGA MARIA
	Attorney Docket No.: 20704.1134
\$ ¹	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/182018/959162, filed November 21. 2018
	<u>ASSIGNMEN'T</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 Bivd 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: 236
	Inventor: Frederic KEGEL Date: Aliabilation

Page 1 of 1

PATENT REEL: 053545 FRAME: 0500

RECORDED: 08/20/2020