

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Niayang MA	05/12/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ArcelorMittal Investigacion Y Desarrollo
<b>Street Address:</b>	6 Calle Chavarri
<b>City:</b>	Sestao
<b>State/Country:</b>	SPAIN
<b>Postal Code:</b>	48910
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12713773
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(301)896-0607
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	3018960600
<b>Email:</b>	lmooney@bwsiplaw.com
<b>Correspondent Name:</b>	Berenato & White, LLC
<b>Address Line 1:</b>	6550 Rock Spring Drive
<b>Address Line 2:</b>	Suite 240
<b>Address Line 4:</b>	Bethesda, MARYLAND 20817
<b>ATTORNEY DOCKET NUMBER:</b>	06219.996
<b>NAME OF SUBMITTER:</b>	Joseph W. Berenato, III
<b>Total Attachments: 3</b> source=Assignment#page1.tif source=Assignment#page2.tif source=CFR#page1.tif	

CH \$40.00 12713773

**501194332**

**PATENT**  
**REEL: 024479 FRAME: 0563**

## ASSIGNMENT

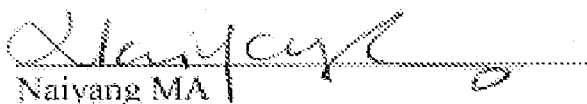
In consideration for One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I, Naiyang MA, of 1441 Somerset Drive, Munster, IN 46321 hereby sell, assign, transfer and set over to ArcelorMittal Investigación Y Desarrollo, S.L., having its principal place of business at 6 Calle Chavarri, Sesato, Spain, its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in all countries including the priority rights derived from the hereinafter designated non-provisional application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, in and to the invention or inventions made by me for APPARATUS AND METHOD FOR TREATING EXHAUST GAS, and the non-provisional application for Letters Patent of the United States therefor, executed by me on May 12, 2010 and bearing a filing date of February 26, 2010 and a Serial No. 12/713,773 together with all rights, including the sole rights under the aforesaid International Convention to apply for and obtain Letters Patent for said invention or inventions in the United States and in all other countries of the world, including original, divisional, continuation, continuation-in-part, reissue, utility and design patents, patents of addition, confirmation patents, registration patents, petty patents, utility models, etc., and all other types of patents and the like, and all renewals and extensions of any of them, and the entire right, title and interest in and to all such Letters Patent, the applications therefor and the subject matter of all claims obtained in said Letters Patent, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent on applications as aforesaid to issue the said

Letters Patent to ArcelorMittal Investigación Y Desarrollo, S.L, its successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and covenant that I convey the entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant and agree that whenever requested by said ArcelorMittal Investigación Y Desarrollo, S.L, its successors, assigns, nominees or legal representatives, I will execute and deliver or cause to be executed and delivered such further patent applications, assignments, oaths, disclaimers and other documents, give or cause to be given such evidence and furnish or cause to be furnished such information within my knowledge or control, and do or cause to be done such other acts and furnish or cause to be furnished such other assistance, as it or any of them may deem necessary or desirable in connection with obtaining and/or maintaining any Letters Patent as aforesaid for said invention or inventions, or in connection with any suit or controversy, including interference proceedings, relating to any of such Letters Patent or to any applications therefor or in order to vest or perfect in it or in any of them or to protect or enforce the right, title and interest herein assigned, or otherwise effectuate the premises, all without further consideration but at the expense of said ArcelorMittal Investigación Y Desarrollo, S.L, its successors, assigns, nominees or other legal representatives.

I hereby grant to Joseph W. Berenato, III of Berenato & White LLC, full power to insert herein the execution and filing dates and serial number of the application for Letters Patent of the United States first above mentioned.

Date: 5/12/2010

  
Naiyang MA

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Niyang MA

Application No./Patent No.: 12/713,773

Filed/Issue Date: February 26, 2010

Titled: APPARATUS AND METHOD FOR TREATING EXHAUST GAS

ArcelorMittal Investigacion Y Desarrollo, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title, and interest in  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)
- the patent application/patent identified above, by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy therefore is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

June 3, 2010

Date

Joseph W. Berenato, III

Attorney for Applicant

Printed or Typed Name

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**PATENT**

**RECORDED: 06/03/2010**

**REEL: 024479 FRAME: 0566**