

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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FRÉDÉRIC DURIEU	02/11/2015
ERIC ESSER	02/12/2015
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Property Type	Number
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DATE SIGNED:	04/17/2015
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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, WE, Claudio Ojeda Arroyo of Rue de l'Espoir 66E/03, Liege BE B-4030, Frédéric Durieu of Rue de l'Eglise 1, Blegny BE B-4670 and Eric Esser, of Rue Hamente 30, Verlaine BE B-4537, respectively, have invented and own a certain invention entitled:

Method and Device for Measuring Levels of Cast Iron and Slag in a
Blast Furnace

for which invention we have executed an application for Letters Patent of the United States, which was filed on January 13, 2015, under Application No. 14/414,622, and

WHEREAS, Centre de Recherches Métallurgiques asbl - Centrum voor Research in de Metallurgie vzw, of Boulevard de la l'Impératrice, 66, Bruxelles BE B-1000 (hereinafter referred to as Assignee), a legal entity of Belgium, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the application for Letters Patent.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the application for Letters Patent and other such applications (e.g., continuations, continuations-in-part, divisionals and reissues) that may be filed in the United States and every foreign country, and the Letters Patents or extensions thereof, both foreign and domestic, that may or shall issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent in the United States to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application if any there be) to gain priority with respect to other applications.


WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, renewal, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing

In re Appl. Of: Claudio Ojeda Arroyo et al.
Attorney Docket No.: 510393

statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto. This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 12/02/2015




Claudio Ojeda Arroyo

Date 11/02/2015

Frédéric Durieu

Date 12/02/2015



Eric Esser
