

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KLEBER A. SERNIK	10/11/2019
ALAERCIO SALVADOR MARTINS VIEIRA	09/09/2019
ADRIANO PORFIRIO RIOS	09/09/2019
DANIEL PALLOS FRIDMAN	10/18/2019
RECEIVING PARTY DATA	
Name:	COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO
Street Address:	CORREGO DA MATA, S/N (CAIXA POSTAL 08)
City:	ARAXA
State/Country:	BRAZIL
Postal Code:	38183-903
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16122692
CORRESPONDENCE DATA	
Fax Number:	(617)227-4420
<i>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.</i>	
Phone:	2033536870
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Correspondent Name:	LOCKE LORD LLP
Address Line 1:	P.O. BOX 55874
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ATTORNEY DOCKET NUMBER:	1514242.100US3
NAME OF SUBMITTER:	JOSHUA L. JONES
SIGNATURE:	/Joshua L. Jones/
DATE SIGNED:	11/21/2019
Total Attachments: 12	
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Kleber A. Sernik; Alaércio Salvador Martins Vieira; Adriano Porfirio Rios; and Daniel Pallos Fridman (hereinafter referred to as Assignors), residing at 129 Unity Square, Greensburg, Pennsylvania 15601; das Avencas Street 75, 38182-194 Araxá, BRAZIL; Thieres Botelho Street 405, 38183-208 Araxá, BRAZIL; and Av. Aguas de São Pedro, 150 (apartamento 73), 02302-070 São Paulo, BRAZIL, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in PROCESSES FOR PRODUCING LOW NITROGEN METALLIC CHROMIUM AND CHROMIUM-CONTAINING ALLOYS AND THE RESULTING PRODUCTS, set forth in a Patent application for Letters Patent of the United States, already filed on September 5, 2018 as U.S. Application No. 16/122,692; and

WHEREAS, Companhia Brasileira de Metalurgia e Mineração, a Corporation organized under and pursuant to the laws of Brazil having its principal place of business at Córrego da Mata, s/n (Caixa Postal 08), Araxá, BRAZIL 38183-903 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be

granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns that: Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; and, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply



with the rules of the United States Patent and Trademark Office for recordation of this document:

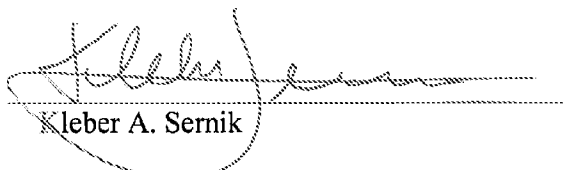
LOCKE LORD LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 10/11/2019

Signature: _____


Kleber A. Sernik

Date: _____

Signature: _____

Alaércio Salvador Martins Vieira

Date: _____

Signature: _____

Adriano Porfirio Rios

Date: _____

Signature: _____

Daniel Pallos Fridman

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WHEREAS, Assignors have invented certain new and useful improvements in PROCESSES FOR PRODUCING LOW NITROGEN METALLIC CHROMIUM AND CHROMIUM-CONTAINING ALLOYS AND THE RESULTING PRODUCTS, set forth in a Patent application for Letters Patent of the United States, already filed on September 5, 2018 as U.S. Application No. 16/122,692; and

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LOCKE LORD LLP

All practitioners at Customer Number 21874

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Date: _____ Signature: _____
Kleber A. Sernik

Date: 9/9/19 Signature: Alaércio Salvador Martins Vieira
Alaércio Salvador Martins Vieira

Date: _____ Signature: _____
Adriano Porfirio Rios

Date: _____ Signature: _____
Daniel Pallos Fridman

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Kleber A. Sernik

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DPF
18/10/19

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Date: _____ Signature: _____
Kleber A. Sernik

Date: _____ Signature: _____
Alaércio Salvador Martins Vieira

Date: _____ Signature: _____
Adriano Porfirio Rios

Date: Oct. 18th, 2019 Signature: _____
Daniel Pallos Fridman