

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	03/16/2012	
CONVEYING PARTY DATA		
	Name	Execution Date
	CARSTEN DITTRICH	05/21/2012
RECEIVING PARTY DATA		
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15004002
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DATE SIGNED:	08/22/2016	
Total Attachments: 2		
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**UNIVERSAL
ASSIGNMENT**

WHEREAS, We, 1) **Carsten DITTRICH**, whose post addresses respectively is 1) **Schlossweiherstr. 3-5, 52072 Aachen, GERMANY** has invented certain improvements in an invention entitled **"PROCESSES FOR RECOVERING RARE EARTH ELEMENTS FROM ALUMINUM-BEARING MATERIALS"** for which an International patent application was filed on **March 19, 2012** as **PCT/CA2012/000253**.

AND WHEREAS, **MEAB CHEMIE TECHNIK GMBH**, (hereinafter referred to as the Assignee), whose full post office address is **Dennewartstraße 25, 52068 Aachen, GERMANY**, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefore.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, we have and by these presents do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, continuation-in-part, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee.

We further agree, without any payment by said Assignee other than expenses incurred by the undersigned, to communicate to said Assignee, its representatives or

agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference, litigation or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

We hereby grant the firm of Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l. (Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2) the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of any Patent Office in the world for recordation of this document.

Les soussignés désirent que la présente cession soit en anglais. The undersigned request that the present assignment be in English.

The assignment is effective as of March 16, 2012.

SIGNED this 21 day of May, 2012, at Ufa City, Germany.

Carsten DITTRICH

Signature of Witness

Name of Witness:

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