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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	АТА				
			Name		Execution Date
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JOHANN MASTIN					08/24/2016
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PROPERTY NUMBERS	Total: 1				
Property Type			Number		
Application Number: 151		1512	24487		
	e sent to		e-mail address first; if that is uns hat is unsuccessful, it will be sen		
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09/16/2016

Total Attachments: 2

DATE SIGNED:

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> PATENT REEL: 039761 FRAME: 0546

ASSIGNMENT

WHEREAS, WE, Asunción Aranda and Johann Mastin, respectively residing at Trondheimsveien 14 A, N-0560 Oslo, NO and Bøkeveien 4C, 4025 Sţavanger, NO have invented new and useful improvements in

ALUMINA AND CARBONATE PRODUCTION METHOD FROM AL-RICH MATERIALS WITH INTEGRATED CO₂ UTILIZATION

which improvements are included in Norwegian Patent Application No. 20140317, filed on March 12, 2014, and in International Patent Application No. PCT/NO2015/050049, filed on March 11, 2015, and for which we are making application for Letters Patent of the United States, which application was filed on <u>September 8, 3016</u> under Application No. <u>15/134,487</u>; (and we hereby authorize our attorneys authorized to prosecute said application to above insert the filing dates and serial numbers of said applications, as soon as they are known); and

WHEREAS, NORDIC MINING ASA, a Norwegian company, having a place of business at Munkdamsveien 45 A, N-0250 Oslo, Norway; and INSTITUTT FOR ENERGITEKNIKK, a Norwegian non-profit research foundation, having a place of business at Instituttveien 18, N-2007 Kjeller, Norway, are desirous of acquiring equal, undivided interests in and to said improvements and any Letters Patent which may be granted thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One (1) Dollar to us in hand paid and other good and valuable consideration, receipt of which is hereby acknowledged, we, the said Asunción Aranda and Johann Mastin, sell, assign and transfer to Nordic Mining ASA and Institutt for Energiteknikk, its successors and assigns (hereinafter called "Assignees"), equal, undivided interests in and to said improvements and in and to any Letters Patent which may be obtained thereon in the United States and in all countries foreign thereto, together with said application and all regular, divisional, continuing, substitute, renewal, reissue, and other applications for Letters Patent which have been or may be filed on said improvements in the United States or any other country; the same to be held and enjoyed by the Assignees for their sole use and behoove; and we do hereby further assign to the Assignees the right to file applications for patent in all countries on said improvements and all rights of priority resulting from any application for Letters Patent filed on said improvements

We hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent of the United States on said improvements to the Assignees.

We further covenant and agree that when requested by the Assignees, and without further consideration, but at the cost and expense of the Assignees, we will, for

Atty. Docket: CURO/162/PC/US

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any and all countries, execute and deliver all applications for patent on said improvements, execute all lawful oaths and other papers, supply to the Assignees all facts and evidence known to us relating to said improvements and the history and development thereof, testify in all interferences, suits, and other legal proceedings, and generally do everything rightful which the Assignees shall consider desirable for aiding in securing, maintaining, and enforcing proper patent protection for said improvements and for vesting the title to said improvements in the Assignees.

We further covenant that we have the lawful right to assign the interest in said improvements in the manner and form as herein expressed and that the interests herein conveyed are free from prior assignment, grant, mortgage, license, or other encumbrance whatsoever.

Date: <u>25/98</u>, 2016

Asunción Aranda

Witness

Anita / Kulimondue

Date: 24/08 , 2016

nn Mastin

Werthe R. Helland Witness Jameeth A. Ma Witness