

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4021712

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
BANK OF AMERICA, N.A., AS COLLATERAL AGENT	08/22/2016
RECEIVING PARTY DATA	
Name:	NORANDAL USA, INC.
Street Address:	801 CRESCENT CENTRE DRIVE, SUITE 600
City:	FRANKLIN
State/Country:	TENNESSEE
Postal Code:	37067
Name:	NORANDA ALUMINA LLC
Street Address:	1111 AIRLINE HWY 61
City:	GRAMERCY
State/Country:	LOUISIANA
Postal Code:	70052-3370
Name:	NORANDA ALUMINUM, INC.
Street Address:	PO BOX 70 / 391 ST. JUDE INDUSTRIAL PARK
City:	NEW MADRID
State/Country:	MISSOURI
Postal Code:	63869
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	5265332
Patent Number:	5598633
Patent Number:	5518064
Patent Number:	5499873
CORRESPONDENCE DATA	
Fax Number:	(404)420-5527
<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:	4044205527
Email:	rjk@phrd.com

Correspondent Name: PARKER HUDSON RAINER & DOBBS LLP PHRD
Address Line 1: 303 PEACHTREE STREET NE, SUITE 3600
Address Line 4: ATLANTA, GEORGIA 30308

NAME OF SUBMITTER: BOBBI ACCORD NOLAND

SIGNATURE: /ban/

DATE SIGNED: 08/24/2016

Total Attachments: 3

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RELEASE OF SECURITY INTEREST IN PATENTS

August 22, 2016

FOR VALUE RECEIVED, the undersigned, **BANK OF AMERICA, N.A.**, a national banking association in its capacity as Collateral Agent (in such capacity, "Assignor"), does hereby sell, assign, transfer and convey to **NORANDAL USA, INC.**, a Delaware corporation ("Norandal"), **NORANDA ALUMINA LLC**, a Delaware limited liability company ("Alumina"), and **NORANDA ALUMINUM, INC.**, a Delaware corporation ("Noranda", and together with Norandal and Alumina, collectively, "Assignee"), without any representation or warranty by, or recourse to, Assignor, all right, title and interest of Assignor in and to the patents and patent applications listed on Exhibit A attached hereto, arising under (i) that certain Trademark and Patent Security Agreement dated as of February 29, 2012, by and between Assignee and Assignor (as at any time amended, restated, supplemented or otherwise modified, the "Patent Agreement"), and recorded on March 1, 2012, on Reel No. 27793, Frame 822, United States Patent and Trademark Office, (ii) that certain Guarantee and Collateral Agreement dated as of February 29, 2012 (as at any time amended, the "Pre-Petition Collateral Agreement"), among Noranda Aluminum Holding Corporation, Noranda Aluminum Acquisition Corporation, Noranda Intermediate Holding Corporation, Noranda Aluminum, Inc., Gramercy Alumina Holdings Inc., Norandal USA, Inc., Gramercy Alumina Holdings II, Inc., Noranda Alumina LLC and Assignor, and (iii) that certain Post-Petition Collateral Agreement dated as of February 9, 2016 (as at any time amended, the "Post-Petition Collateral Agreement"), among Noranda Aluminum Holding Corporation, Noranda Aluminum Acquisition Corporation, Noranda Intermediate Holding Corporation, Noranda Aluminum, Inc., Gramercy Alumina Holdings Inc., Norandal USA, Inc., Gramercy Alumina Holdings II, Inc., Noranda Alumina LLC, NHB Capital, LLC, and Assignor.

This Release of Security Interest in Patents (this "Release") is intended to operate as a release of all liens and security interests conveyed by Assignee to Assignor pursuant to the terms of the Patent Agreement, the Pre-Petition Collateral Agreement and the Post-Petition Collateral Agreement, and to reassign to Assignee all of Assignor's right, title, and interest acquired pursuant to the terms of such Agreements.

[Remainder of page intentionally left blank; signature appears on following page.]

IN WITNESS WHEREOF, Assignor has caused this Release to be signed and sealed by its duly authorized officer as of the date first written above.

BANK OF AMERICA, N.A., as Collateral Agent
("Assignor")

By: 

Name: Steven L. Hipsman
Title: Senior Vice President

EXHIBIT A
United States Patents

Owner	Patent	Patent Number	Issue Date
Norandal USA, Inc.	CASTER SHELL SURFACE COATING METHOD	5,265,332	November 30, 1993
Norandal USA, Inc.	METHOD OF MANUFACTURING A CASTER ROLL CORE AND SHELL ASSEMBLY	5,598,633	February 4, 1997
Norandal USA, Inc.	THIN GAUGE ROLL CASTING METHOD	5,518,064	May 21, 1996
Noranda Alumina, LLC	METHOD OF MIXING PARTICULATE MATERIAL USING A CONVEYOR BELT MIXING SYSTEM	5,499,873	March 19, 1996