

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																												
NATURE OF CONVEYANCE:	SECURITY AGREEMENT																												
CONVEYING PARTY DATA																													
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PATENT

CORRESPONDENCE DATA

Fax Number: 8004947512

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2023704761

Email: tfahey@nationalcorp.com

Correspondent Name: Thomas Fahey

Address Line 1: 1100 G Street NW, Suite 420

Address Line 2: National Corporate Research, Ltd.

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:

F142644

NAME OF SUBMITTER:

MEGAN M. TEIXEIRA

Total Attachments: 5

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Patent Security Agreement

PATENT SECURITY AGREEMENT dated as of December 14, 2012 (this "Agreement"), made by PRINCE MINERALS, INC. a Delaware corporation, GRINDING AND SIZING COMPANY LLC, a Delaware limited liability company, and IGC TECHNOLOGIES, INC, a Delaware limited liability company (each, a "Pledgor" and collectively, the "Pledgors"), in favor of Wilmington Trust, N.A., as collateral agent (the "Collateral Agent").

Reference is made to the Collateral Agreement dated as of December 14, 2012 (as amended, restated, supplemented or otherwise modified from time to time, the "Collateral Agreement"), among Prince Mineral Holding Corp. (the "Company"), each subsidiary of the Company party thereto and the Collateral Agent. The parties hereto agree as follows:

SECTION 1. ***Terms.*** Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Collateral Agreement. The rules of construction specified in Section 1.01(b) of the Collateral Agreement also apply to this Agreement.

SECTION 2. ***Grant of Security Interest.*** As security for the payment or performance when due (whether at the stated maturity, by acceleration or otherwise), as the case may be, in full of its Obligations, each Pledgor pursuant to the Collateral Agreement did, and hereby does, assign and pledge to the Collateral Agent, its successors and permitted assigns, for the ratable benefit of the Secured Parties, and pursuant to the Collateral Agreement did, and hereby does, grant to the Collateral Agent, its successors and permitted assigns, for the ratable benefit of the Secured Parties, a continuing first priority security interest in all of such Pledgor's right, title and interest in, to and under any and all of the following assets now owned or at any time hereafter acquired by such Pledgor or in which such Pledgor now has or at any time in the future may acquire any right, title or interest (collectively, the "Patent Collateral"):

(i) all United States Patents, including those listed on Schedule I.

SECTION 3. ***Recordation.*** This Agreement has been executed and delivered by each Pledgor for the purpose of, among other things, recording the grant of security interest herein with the United States Patent and Trademark Office. Each Grantor authorizes and requests that the Commissioner of Patents, and any other applicable government officer record this Agreement.

SECTION 4. ***Collateral Agreement.*** The security interests granted to the Collateral Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Collateral Agent pursuant to the Collateral Agreement. Each Pledgor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the Patent Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 5. **Counterparts.** This Agreement may be executed in two or more counterparts, each of which shall constitute an original but all of which when taken together shall constitute but one contract. Delivery of an executed counterpart to this Agreement by facsimile or other electronic transmission shall be as effective as delivery of a manually signed original.

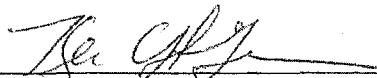
SECTION 6. **Termination.** This Agreement is made to secure the payment of the Secured Obligations. This Agreement and the security interest granted hereby shall terminate with respect to all of a Pledgor's Secured Obligations and any Lien arising therefrom shall be automatically released upon termination of the Collateral Agreement or release of such Pledgor's Secured Obligations thereunder or as otherwise provided in the Collateral Agreement. The Collateral Agent shall, in connection with any termination or release herein or under the Collateral Agreement, at the applicable Pledgor's expense, execute and deliver to any Pledgor as such Pledgor may request, an instrument in writing releasing the security interest in the Patent Collateral acquired under this Agreement. Additionally, upon such payment (and when otherwise contemplated by the Collateral Agreement), the Collateral Agent shall, at the applicable Pledgor's expense, reasonably cooperate with any efforts made by a Pledgor to make a record or otherwise confirm such satisfaction including, but not limited to, the release and/or termination of this Agreement and any security interest in, to or under the Patent Collateral.

SECTION 7. **Governing Law.** THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES UNDER THIS AGREEMENT SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAWS OF THE STATE OF NEW YORK.

[Signature Pages Follow]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

PRINCE MINERALS, INC.
GRINDING AND SIZING COMPANY
LLC
IGC TECHNOLOGIES, LLC

By: 
Name: Kevin C. St. Germaine
Title: Chief Financial Officer

WILMINGTON TRUST, NATIONAL
ASSOCIATION., as
Collateral Agent,

By


Name: Jane Schweiger
Title: Vice President

[Signature Page to IP Security Agreement]

PATENT
REEL: 029469 FRAME: 0306

Schedule I
to Patent Security Agreement

PATENTS AND DESIGN PATENTS

<u>OWNERS</u>	<u>PATENT NO.</u>	<u>ISSUED</u>	<u>COUNTRY</u>	<u>TITLE</u>
Grinding and Sizing Company LLC	5,484,028	01/16/1996	USA	Method of Drilling with Fluid Including Nut Cork and Drilling Fluid Additive
Grinding and Sizing Company LLC	6,399,545	06/04/2002	USA	Method of Composition of Drilling with Fluid Including Additive
Grinding and Sizing Company LLC	6,825,152	11/30/2004	USA	Method for Creating Dense Drilling Fluid Additive and Composition Therefor
Grinding and Sizing Company LLC	5,363,928	11/15/1994	USA	Method of drilling with fluid including bees wings and fluid loss additive therefor
Prince Minerals, Inc.	5,453,277	09/26/1995	USA	Method of controlling soil pests
Prince Minerals, Inc.	7,938,169	05/10/2011	USA	Anti-Veining Agent for Metal Casting
Prince Minerals, Inc.	8,122,936	02/28/2012	USA	Anti-Veining Agent for Metal Casting
IGC Technologies, LLC	5,911,269	06/15/1999	USA	Method of Making Silica Sand Molds and Cores for Metal Founding
IGC Technologies, LLC	8,007,580	08/30/2011	USA	Material Used to Combat Thermal Expansion Related Defects in High Temperature Casting Processes
IGC Technologies, LLC	8,011,419	09/06/2011	USA	Material Used to Combat Thermal Expansion Related Defects in the Metal Casting Process

PATENT APPLICATIONS

<u>APPLICANT</u>	<u>CASE NO.</u>	<u>SERIAL NO.</u>	<u>COUNTRY</u>	<u>DATE</u>	<u>FILING TITLE</u>
Grinding and Sizing Company LLC (Ruark & Pike)	Allowed & Issue Fee Paid	12/930,420	USA	01/06/2011	Synergistic Bead Lubricant and Methods for Providing Improved Lubrication to Drilling Fluids for Horizontal Drilling
Prince Minerals, Inc.	National Stage of PCT/US10/44228	13/387,417	USA	01/27/2012	Method for Protecting the Valve of a Molten-Metal Ladle and Facilitating Free Opening Thereof
IGC Technologies, LLC	Abandoned	12/266,392	USA	11/06/2008	Material Used to Combat Thermal Expansion Related Defects in High Temperature Casting Processes