503922136 07/19/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
			Name	Execution Date
JOHN WANG				02/22/2016
RECEIVING PARTY DA	GREAT INDUSTRIES,INC.			
Street Address:		342 TRINITY LANE		
City:		OAK BROOK		
State/Country:	ILLINOIS			
•		60523		
Postal Code:	60523			
PROPERTY NUMBERS	6 Total: 1			
Property Type			Number	
Application Number: 14		1482	7688	
CORRESPONDENCE	ΑΤΑ			
Fax Number:(630		(630)	665-9414	
			e-mail address first; if that is unsuc hat is unsuccessful, it will be sent vi	
Phone: 630-6		665-9404		
•		ket@ericksonlawgroup.com		
Correspondent Name:			KSON LAW GROUP PC	
			S. NAPERVILLE RD. SUITE 202	
Address Line 4:		WHE	ATON, ILLINOIS 60189	
			RANDALL T. ERICKSON	
NAME OF SUBMITTER:				
NAME OF SUBMITTER: SIGNATURE:			/Randall T. Erickson/	
			/Randall T. Erickson/ 07/19/2016	
SIGNATURE:				claration (37 CFR 1.63).
SIGNATURE:			07/19/2016	claration (37 CFR 1.63).
SIGNATURE: DATE SIGNED:		In-Exe	07/19/2016 This document serves as an Oath/De	claration (37 CFR 1.63).
SIGNATURE: DATE SIGNED: Total Attachments: 3	ecl-Assig		07/19/2016 This document serves as an Oath/De ecuted#page1.tif	claration (37 CFR 1.63).

Serial No.: 14/827,688

Filed: 08/17/2015

DECLARATION AND ASSIGNMENT

1. Identification of Invention and Application As the below named declarant-inventor(s), each declarant-inventor who signs below hereby declares that this Declaration and Assignment is directed to:

Invention: Drill Members for Mine Roofs; and

Application:

The attached application, or

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United States application or PCT international application number 14/827,688 filed on 08/17/2015

2. Declaration As the below named declarant-inventor(s), each declarant-inventor who signs below hereby declares that: (1) the application identified above was made or was authorized to be made by each declarant-inventor, (2) the declarant-inventor believes himself or herself to be the original inventor or an original joint inventor of a claimed invention in the application, (3) the declarant-inventor hereby acknowledges that any willful false statement made in this declaration of inventorship or document is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both, (4) the declarant-inventor states that he or she has reviewed and understand the contents of the above identified application, including the claims, and (5) the declarant-inventor acknowledges that he or she is aware of the duty to disclose information (e.g., any prior art or publication) which is material to patentability as defined in 37 CFR § 1,56.

3. Assignment

For good and valuable consideration, the receipt of which is acknowledged by each declarant-inventor, each declarant-inventor (individually and collectively "Assignor"), hereby assigns to **Great Industries**, **Inc.**, an Illinois Corporation having offices at 342 Trinity Lane, Oak Brook, IL 60523 ("Assignee") all title, right and interest in the Invention and Application, including the assigned rights as more fully set forth herein. If any declarant-inventor has previously assigned the same Invention or same Application to Assignee, instead of merely assigning all title, rights, and interest to Assignee; the Assignor acknowledges that all title, right and interest in the Invention and application, any remaining rights in or to the Invention and Application to Assignee and hereby assigns, without any reservation, any remaining rights in or to the Invention and Application that the Assignor may hold for whatever reason.

PATENT REEL: 039191 FRAME: 0777

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The assigned rights include, but are not limited to, all worldwide rights to file any United States patent applications, international patent applications, and any foreign patent applications, utility patent applications, design patent applications, copyrights, plant patent applications, utility model applications, or similar industrial property rights for the Invention described in the name of each declarant-inventor or in the name of the Assignee, as well as any right of priority to any patent or application of the United States or any other country or jurisdiction based on the Invention. The assigned rights include the right for the Assignee, or its legal representatives, to file any continuing, continuation, continuation-in-part, divisional, reissue, extension, or reexaminations of the Application or Invention, or any U.S., international, or foreign applications that claim priority based on the Application. These assigned rights are to be held and enjoyed by the Assignee, its successors or assigns, as fully and entirely as the same would have been held and enjoyed by each declarant-inventor, or all declarant-inventors collectively, had this assignment not been made.

The Invention and Application shall be deemed the sole and exclusive property of Assignee and each declarant-inventor agrees to execute any and all documents which Assignee, its successors or assigns, deem necessary to transfer, acknowledge, or assign such rights in or to the Invention and Application to Assignee, its successors, or assigns. Each declarant-inventor agrees to execute all documents which Assignee, its successors or assigns deem expedient in connection with the Application and any continuing, continuation, continuation-in-part, divisional, reissue, reexamination or other domestic, international or foreign applications on a worldwide basis concerning the Invention or that claim priority based on the Application or Invention; and any renewal, revival or substitute of any of the foregoing applications, any derivation proceedings relating to any of the foregoing applications; and, as to patents granted on the any of the foregoing applications, any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof. Each declarant-inventor agrees to cooperate with Assignee, its successors or assigns in every proper way possible to obtain, defend and assert one or more patent(s) based on: the Application and any continuing. continuation, continuation-in-part, divisional, reissue, reexamination or other domestic, international, or foreign applications concerning the Invention; any renewal, revival, or substitute of any domestic or foreign applications, any derivation proceedings relating to any of the foregoing applications; and, as to patents granted on the foregoing applications, any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof. During or after any employment by Assignee, each declarant-inventor agrees, at no cost to Assignee, to execute any and all documents which Assignee, its successors, or assigns, deem necessary to obtain, maintain and/or enforce its rights in such Invention or Application including, but not limited to, any related patent applications which Assignee elects to file in all countries in the world and to fully cooperate with Assignee in the obtaining, maintaining and enforcement of any intellectual property protection sought or obtained

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for such Inventions including providing any testimony required to obtain, maintain and/or enforce such rights. Each declarant-inventor hereby authorizes any patent office in the world to issue any letters patent based on the assigned rights to the Assignee. Each declarant-inventor hereby covenants that he or she has not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment. Each declarant-inventor grants the legal representative of Assignee, its successors and assigns, the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Each declarant-inventor declares and agrees to all provisions of this Declaration and Assignment by signing below:

Date signed City State John Wang

The signing of the Declaration and Assignment by the above declarant-inventor is notarized as set forth below:

State of 1240015 County of DUPAGE

Sworn to before me this 22 nd - day of

Ulsabeth Bado

Notan Public

(SEAL)

"OFFICIAL SEAL" ELIZABETH SADON Notary Public - State of Illinois My Commission Expires May 82, 2018

The undersigned herewith declares that the Assignee accepted the Assignment

John Wang, President

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RECORDED: 07/19/2016