504064184 10/24/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4110850

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MALMFÄLTEN I NORR AB	10/17/2016

RECEIVING PARTY DATA

Name:	ROCK SAFETY SWEDEN AB
Street Address:	MASKINVÄGEN 2
City:	LULEÅ
State/Country:	SWEDEN
Postal Code:	SE-972 54

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13318776

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: TAKAMITSU FUJIU

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ATTORNEY DOCKET NUMBER:	616562007100
NAME OF SUBMITTER:	TAKAMITSU FUJIU
SIGNATURE:	/Takamitsu Fujiu/
DATE SIGNED:	10/24/2016

Total Attachments: 2

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PATENT 504064184 REEL: 040105 FRAME: 0163

Attorney Docket No.: 616562007100

Client Reference No.: P40900784US00/PNO/MFH

CORPORATION TO CORPORATION ASSIGNMENT

This Assignment is by:

Assignor: MALMFÄLTEN I NORR AB

Address: Storgatan 11, S-972 38 Luleå, SWEDEN

A juristic entity duly organized under and pursuant to the laws of: Sweden

(referred to in this Assignment as "Assignor"), which is the sole and exclusive owner, by assignment, of the U.S. patent application identified below:

METHOD, SYSTEM, USE OF THE SYSTEM AND REINFORCEMENT MEMBER FOR ROCK REINFORCEMENT

Serial No.: 13/318,776 International File Date: May 5, 2010

This Assignment is to:

Assignee: Rock Safety Sweden AB

Address: Maskinvägen 2, SE-972 54 Luleå Sweden

A corporation duly organized under and pursuant to the laws of: Sweden

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent application and the inventions covered thereby.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

- 1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all provisionals, non-provisionals, divisions, continuations, and continuations-in part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
- 2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor was the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same were unencumbered and that Assignor sold, assigned, transferred and set over, to Assignee, it successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said application for letters patent.
- 3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit

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thereof; or any substitution of any such application; (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

- 4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
- 5. "I hereby grant Assignee's attorneys, all of Morrison & Poerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

Clarification and complement

Since this is a case of a bankruptcy, the trustee signed this with the following restrictions;
No commitments or payments can be enforced against the bankruptcy estate or the trustee, until the bankruptcy is completed the trustee will reasonably participate if this can be done without cost.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 2016-10-17

lignature:

Name Why Olafia

Title: forther

Company: MALMFÄLTEN I NORR AB