

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4000442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL CORCORAN	07/23/2016
JEFFERY HICKS	07/25/2016
PHIL MAUPIN	08/03/2016
RECEIVING PARTY DATA	
Name:	UNIMIN CORPORATION
Street Address:	258 ELM STREET
City:	NEW CANAAN
State/Country:	CONNECTICUT
Postal Code:	06840
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15232912
CORRESPONDENCE DATA	
Fax Number:	(216)566-9711
<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:	(440) 614-0604
Email:	clay@rankinhill.com
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Address Line 4:	NORTH OLMSTED, OHIO 44070
ATTORNEY DOCKET NUMBER:	UNM-39895.01
NAME OF SUBMITTER:	GREGORY S. VICKERS
SIGNATURE:	/Gregory S. Vickers/
DATE SIGNED:	08/10/2016
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

SYSTEM AND METHOD OF COATING A PROPPANT

that are the subject of an application for a U.S. Patent, (Application Number _____, filed _____), which application is further identified as Rankin, Hill & Clark LLP Docket No. UNM-39895.01.

WHEREAS, **UNIMIN CORPORATION**, a corporation of Delaware, and having a place of business at 258 Elm Street, New Canaan, CT 06840, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark 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.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (joint): Daniel Corcoran
Signature: Daniel Corcoran
Today's Date: 7/23/16

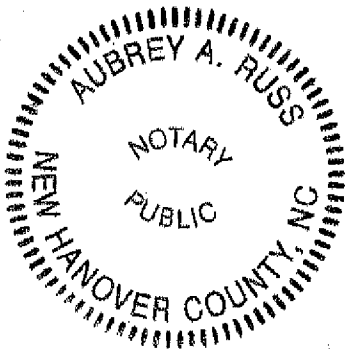
STATE OF _____)
COUNTY OF _____) ss:

The above named Daniel Corcoran, known to me, appeared before me this 23rd day of July, 2016, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.

Aubrey A. Russ
Notary Public

my commission expires:
01/07/2020

Notarial Seal



(2) Inventor Name (joint): Jeffery Hicks
Signature: *Jeffery Hicks*
Today's Date: 7/25/16

STATE OF North Carolina)
COUNTY OF Mitchell) ss:

The above named Jeffery Hicks, known to me, appeared before me this 25th day of July, 2016, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.

Amanda H Polley
Notary Public

Notarial Seal

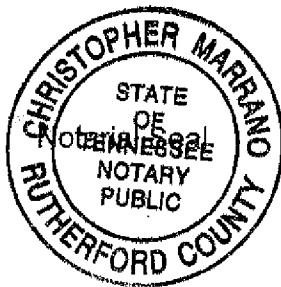
(3) Inventor Name (Joint) Phil Maupin

Signature: MAUPIN

Today's Date: August 3, 2016

STATE OF Tennessee)
COUNTY OF Rutherford) ss:

The above named Phil Maupin, known to me, appeared before me this 3 day of August, 2016, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.



Christopher Marrano
Notary Public