

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT VAN REMORTEL	09/11/2006
CHRISTOPHER CAPOBIANCO	09/11/2006
THOMAS A. GALLO	09/11/2006

RECEIVING PARTY DATA

Name:	UNIMIN CORPORATION
Street Address:	258 ELM STREET
City:	New Canaan
State/Country:	CONNECTICUT
Postal Code:	06848

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12125594

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

UMEE 2 00077-2 (I)

NAME OF SUBMITTER:

BRIAN E. TURUNG

Total Attachments: 3

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PATENT

REEL: 022362 FRAME: 0155

500800618

OP \$40.00 12125594

(JOINT INVENTORS)

Docket No. UME 2 00077

FAY, SHARPE, FAGAN, MINNICH & McKEE
1100 SUPERIOR AVENUE
CLEVELAND, OHIO 44114-2579

ASSIGNMENT

WHEREAS, ASSIGNORS: **Scott Van Remortel, Christopher Capobianco and Thomas Gallo**

of the Cities, Counties and States, respectively of: **Mars Hill, Madison, North Carolina
Asheville, Buncombe, North Carolina
Asheville, Buncombe, North Carolina**

have made an invention in **FLUORIDE BASED COMPOSITE MATERIAL AND METHOD
FOR MAKING THE SAME**

and have executed on 9/11/06, respectively, an application for Letters Patent of the United States on said invention, hereinafter referred to as "said application";

AND, WHEREAS, **Unimin Corporation**

having its principal place of business at **258 Elm St., New Canaan, CT 06848**

hereinafter called ASSIGNEE, is desirous of acquiring the entire worldwide rights, title and interest in, to and under said invention and said application;

NOW THEREFORE

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, ASSIGNORS hereby sell, transfer and assign to the ASSIGNEE, its successors, assigns, nominees, or other legal representatives the full, exclusive, entire, worldwide rights, title and interest in, to and under said invention as described and claimed in said application, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, continuations-in-part and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in ASSIGNEE'S own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as ASSIGNORS could have done if the foreign application had been

filed in the names of the ASSIGNORS, and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and ASSIGNORS authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent to ASSIGNEE, its successors, assigns, nominees or other legal representatives, as ASSIGNEE and owner of the said entire rights, and ASSIGNORS covenant that ASSIGNORS have full right to convey the said entire interest herein assigned and that ASSIGNORS have not executed and will not execute any agreement in conflict herewith, and ASSIGNORS will communicate to ASSIGNEE, its successors, assigns, nominees or other legal representatives all facts known to ASSIGNORS respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths or declarations and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when ASSIGNEE, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, ASSIGNORS will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and,

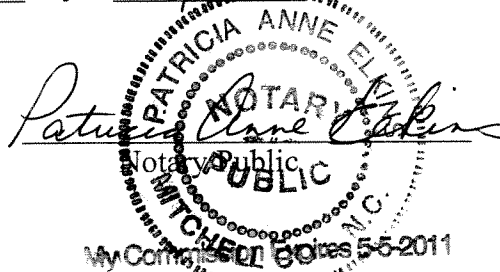
ASSIGNORS further covenant and agree that ASSIGNORS will, at any time upon request, do everything possible to aid ASSIGNEE, its successors, assigns, nominees, or other legal representatives, either in the name of ASSIGNORS or ASSIGNEE, to apply for, obtain and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty and all the laws and treaties in force, all without further consideration but at the expense of ASSIGNEE, its successors, assigns, nominees or other legal representatives.

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


Scott Van Remortel

STATE OF North Carolina
COUNTY OF Mitchell) SS

Subscribed and sworn to before me this 11th day of September, 2006



Christopher Capobianco
Christopher Capobianco

STATE OF North Carolina
COUNTY OF Mitchell) SS

Subscribed and sworn to before me this 11th day of September, 2006
Patricia Anne Elkins
NOTARY PUBLIC
My Commission Expires 5-5-2011
MITCHELL CO., N.C.

Thomas Gallo
Thomas Gallo

STATE OF North Carolina
COUNTY OF Mitchell) SS

Subscribed and sworn to before me this 11th day of September, 2006
Patricia Anne Elkins
NOTARY PUBLIC
My Commission Expires 5-5-2011
MITCHELL CO., N.C.