

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Francis M. Noonan</td> <td>03/14/2013</td> </tr> <tr> <td>Frederick Trentadue</td> <td>03/14/2013</td> </tr> <tr> <td>John K. Kelly</td> <td>03/14/2013</td> </tr> <tr> <td>Dale White</td> <td>03/14/2013</td> </tr> <tr> <td>Rodney S. Mrkvicka</td> <td>03/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Francis M. Noonan	03/14/2013	Frederick Trentadue	03/14/2013	John K. Kelly	03/14/2013	Dale White	03/14/2013	Rodney S. Mrkvicka	03/14/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Smith & Loveless Inc.</td> </tr> <tr> <td>Street Address:</td> <td>14040 Santa Fe Trail Drive</td> </tr> <tr> <td>City:</td> <td>Lenexa</td> </tr> <tr> <td>State/Country:</td> <td>KANSAS</td> </tr> <tr> <td>Postal Code:</td> <td>66215-1284</td> </tr> </table>		Name:	Smith & Loveless Inc.	Street Address:	14040 Santa Fe Trail Drive	City:	Lenexa	State/Country:	KANSAS	Postal Code:	66215-1284		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 3128762020 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-876-2111 Email: ksanderson@woodphillips.com Correspondent Name: Jeffrey L. Clark Address Line 1: 500 West Madison Street Address Line 2: Suite 1130 Address Line 4: Chicago, ILLINOIS 60661</p>													
ATTORNEY DOCKET NUMBER:	SMI00861P02231US												
NAME OF SUBMITTER:	Jeffrey L. Clark												

CH \$40.00 13837712

Total Attachments: 6

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PATENT

REEL: 030039 FRAME: 0297

Assignment

Serial No.: 13/837,712

Filed: March 15, 2013

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in **VORTEX-TYPE GRIT CHAMBER** and in the application for Letters Patent of the United States therefor, executed by the undersigned concurrently herewith, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to **Smith & Loveless Inc.** a Kansas corporation, having offices at **14040 Santa Fe Trail Drive, Lenexa, KS 66215-1284** and the successors, legal representatives and assigns of **Smith & Loveless, Inc.** (hereinafter collectively called said Assignee), and the Commissioner for Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said considerations it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The undersigned also further agrees, for the said considerations, upon the request of said Assignee, to promptly perform all lawful acts deemed by said Assignee to be necessary or advisable in connection with maintaining, enforcing, or transferring the resulting grants of said Letters Patent in the United States or foreign countries. It is agreed that such lawful acts include, but are not limited to, taking oaths, executing declarations, powers, assignments and other papers and giving testimony.

Serial No.: 13/837,712

Filed: March 15, 2013

The attorneys of record in such application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial number thereof in the places provided therefor.

Francis M. Noonan
Francis M. Noonan

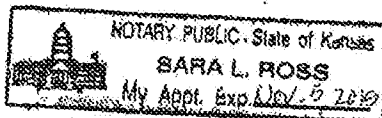
Executed this 14th day of March, 2013.

State of KANSAS)
County of JOHNSON) ss.

On MARCH 14th, 2013, Francis M. Noonan appeared before me, a Notary Public, in and for the State and County aforesaid, and acknowledged that he/she freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

Sara L. Ross
Notary Public

(SEAL)



My Commission Expires: Nov. 5, 2015

* * * * *

Serial No.: 13/837,712

Filed: March 15, 2013

Frederick Trentadue
Frederick Trentadue

Executed this 14 day of MARCH, 2013.

State of KANSAS)
County of JOHNSON) ss.

On MARCH 14th, 2013, Frederick Trentadue appeared before me, a Notary Public, in and for the State and County aforesaid, and acknowledged that he/she freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

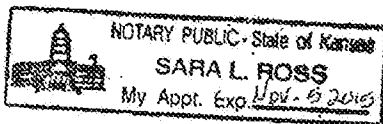
(SEAL)

Sara L. Ross

Notary Public

My Commission Expires: Nov. 5, 2015

* * * * *



Serial No.: 13/837,712

Filed: March 15, 2013

John K. Kelly
John K. Kelly

Executed this 14th day of March, 2013.

State of KANSAS)
County of JOHNSON) ss.

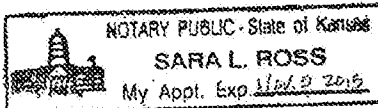
On MARCH 14th, 2013, John K. Kelly appeared before me, a Notary Public, in and for the State and County aforesaid, and acknowledged that he/she freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

(SEAL)

Sara L. Ross
Notary Public

My Commission Expires: Nov. 5 2015

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Serial No.: 13/837,712

Filed: March 15, 2013

Dale White

Dale White

Executed this 14 day of March, 2013.

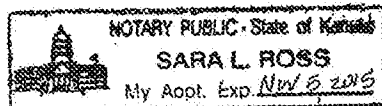
State of KANSAS)
County of JOHNSON) ss.

On MARCH 14th, 2013, Dale White appeared before me, a Notary Public, in and for the State and County aforesaid, and acknowledged that he/she freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

Sara L. Ross

Notary Public

(SEAL)

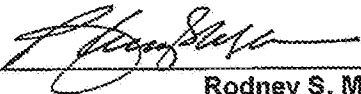


My Commission Expires: Nov- 5, 2015

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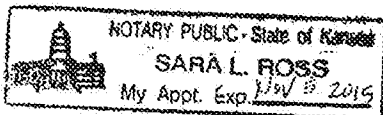
Rodney S. Mrkvicka

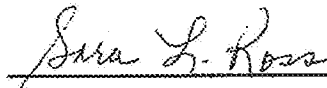
Executed this 14 day of March, 2012 ³

State of KANSAS)
County of JOHNSON) ss.

On MARCH 14th, 2012, Rodney S. Mrkvicka appeared before me, a Notary Public, in and for the State and County aforesaid, and acknowledged that he/she freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

(SEAL)





Notary Public

My Commission Expires: Nov. 5, 2015

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