504258255 03/06/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4304935

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT				
EFFECTIVE DATE:	01/11/2005				

CONVEYING PARTY DATA

Name	Execution Date
MCLAUGHLIN BORING SYSTEMS, INC.	02/14/2008

RECEIVING PARTY DATA

Name:	MCLAUGHLIN GROUP, INC.
Street Address:	2006 PERIMETER ROAD
City:	GREENVILLE
State/Country:	SOUTH CAROLINA
Postal Code:	29605

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15219198

CORRESPONDENCE DATA

Fax Number: (803)255-9831

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.

Phone: 803-799-2000

Email: ip@nelsonmullins.com

Correspondent Name: NELSON MULLINS RILEY & SCARBOROUGH LLP I

Address Line 1: 100 NORTH TRYON STREET

Address Line 2: 42ND FLOOR

Address Line 4: CHARLOTTE, NORTH CAROLINA 28202-4000

ATTORNEY DOCKET NUMBER:	15940/09050-CON5
NAME OF SUBMITTER:	KENNETH C. BRULEY
SIGNATURE:	/Kenneth C. Bruley/
DATE SIGNED:	03/06/2017

Total Attachments: 2

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PATENT 504258255 REEL: 041477 FRAME: 0163

ASSIGNMENT OF PATENTS

WHEREAS, McLaughlin Boring Systems, Inc. (the "Assignor"), an Illinois corporation, having an address of 2006 Perimeter Road, Greenville, South Carolina 29605, is the owner of various U.S. patents listed at Schedule A, (hereinafter referred to as the "Patents");

WHEREAS, McLaughlin Group, Inc. (hereinafter together with its successors and assigns referred to as the "Assignee"), a South Carolina corporation, having an address of 2006 Perimeter Road, Greenville, South Carolina 29605, is desirous of obtaining any and all right, title and interest in, to and under the Patents; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents hereby sells, assigns, transfers and sets over to the Assignee any and all right, title and interest in, to and under the Patents, as described in Schedule A, and in and to the invention or inventions described in the Patents in any form or embodiments thereof, also the entire right, title and interest in and to any and all reissues or extensions thereof to be obtained in the United States upon the invention, inventions, or improvements and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon the invention, inventions, or improvements in the United States, including the right to sue for infringement and collect damages for acts occurring prior to the date of this Assignment and thereafter.

I hereby authorize the responsible officer of the Patent and Trademark Office of the United States to record this Assignment and to issue or transfer the Patents as set forth in Schedule A to the Assignee as owner of all right, title and interest therein.

This Assignment is effective Nunc Pro Tunc as of January 11, 2005.

in TESTIMONY WHEREOF, indicated below. Date: 2/14/08	Assigno	r has execute	ed this docu	ment on the	e date
		David J. G	smovic	······································	
	Title:_	President		Samuelos .*	
STATE OF South Careling	٠ ٠ ٠	* * * * * * * * * * * * * * * * * * * *		* 4	
COUNTY OF Greenvalle	*	8		w.*	

On this // day of felicar 2008, before me came David T. Gasmovic, to me known and known to me to be the individual described herein, and who executed the foregoing institution, and he has acknowledged to me that he has executed the same.

Notary Public

My commission expires: 10/3/2013

PATENT REEL: 041477 FRAME: 0164 SCHEDULE A

	Date Filed	1000000	4777770	8/8/2006		1/23/2003	10/6/2004	10/22/2004	11/16/2000	27107000	3/70/1080	- 1 Sec. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
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	Date Issued	8/8/2006	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	////or/or	3/15/2005	MA	N/A	10/29/2002	9/9/2003	12/26/1989	12/11/1990	
Patents	Patent Number		T787070		6867596	NA	N/A	6470605	6212849	4889193	49/6521	
Title	System and Method for Locatine Tinderscount Treases	System and Mark at	Signals Actual for Locating Underground Utilities Carrying Passive	Fault Detection System	Vacuum Implement for Use With a Skid Sheer	Digging and Backfill Apparatus	Earth Reduction Tool	Tank Cleaning System	Rotary Drill Guard Assembly and Method	COTEONIAL Earth Boring Machine and Method		

RECORDED: 03/06/2017

PATENT REEL: 041477 FRAME: 0165