

PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
Huntington National Bank	10/18/2010
RECEIVING PARTY DATA	
Name:	The Robbins Company
Street Address:	29100 Hall Street
City:	Solon
State/Country:	OHIO
Postal Code:	44139
PROPERTY NUMBERS Total: 35	
Property Type	Number
Patent Number:	3967463
Patent Number:	3999616
Patent Number:	3965995
Patent Number:	3966256
Patent Number:	4193637
Patent Number:	4234235
Patent Number:	4283090
Patent Number:	4381038
Patent Number:	4365677
Patent Number:	RE31511
Patent Number:	4420188
Patent Number:	4548442
Patent Number:	4548443
Patent Number:	4646853
Patent Number:	5012878

501326461

PATENT  
REEL: 025169 FRAME: 0367

OP \$1400.00 3967463

Patent Number:	5127711
Patent Number:	5205612
Patent Number:	5192116
Patent Number:	5192115
Patent Number:	5205613
Patent Number:	5203614
Patent Number:	5234257
Patent Number:	5234064
Patent Number:	5325932
Patent Number:	5308151
Patent Number:	5310249
Patent Number:	5730194
Patent Number:	5341920
Patent Number:	5308150
Patent Number:	5429198
Patent Number:	5598895
Patent Number:	5664606
Patent Number:	5649745
Patent Number:	6390287
Patent Number:	6955232

#### CORRESPONDENCE DATA

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NAME OF SUBMITTER:

Hans L. Larsen

Total Attachments: 2

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**RELEASE AND TERMINATION OF ASSIGNMENT OF SECURITY INTEREST IN  
PATENTS AND PATENT APPLICATIONS**

This RELEASE AND TERMINATION (this "Release") is made by THE HUNTINGTON NATIONAL BANK, located at 917 Euclid Avenue, Cleveland, OH 44115 ("Huntington").

WHEREAS, The Robbins Company, an Ohio corporation ("Robbins"), pursuant to that certain Intellectual Property Security Agreement executed as of September 8, 2006 (the "Security Agreement") and recorded in the United States Patent and Trademark Office on October 17, 2006 at Reel 018385 and Frame 0980, assigned and granted a security interest to Huntington in all of its right, title and interest in and to the patents and patent applications listed on Schedule 1, attached hereto and incorporated herein, and a security interest in and to all patents and patent applications acquired by Robbins after the execution of the Security Agreement (collectively, "Patents"); and

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, Huntington hereby releases and terminates all rights as an assignee, secured party and power of attorney holder in and to the Patents. Huntington further authorizes and requests that the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to note in the record the termination and release of the security interest heretofore granted by Robbins to Huntington with respect to the Patents.

IN WITNESS WHEREOF, Huntington, by a duly authorized officer thereof, has caused this Release to be duly executed as of the date indicated below.

Date: 10/18/2010

THE HUNTINGTON NATIONAL BANK

Signature: [Signature]

Printed Name: DAVID THOLT  
Title: VICE PRESIDENT

STATE OF Ohio )  
COUNTY OF Cuyahoga ) SS:

On this 18 day of October, 2010, before me a notary public in and for the above County and State, personally appeared the above named DAVID THOLT, V.P. personally known to me, and acknowledged the execution of the foregoing release as a free act and deed for the purpose herein set forth.

[Signature: Mary Ann Kartson]  
Notary Public **MARY ANN KARTSON**  
Notary Public, State of Ohio  
My Commission Expires Nov. 15, 2010

# SCHEDULE I

Patent	Filing Date	Registration Number
Continuous Tunneling Boring Machine and Method	8/5/1974	3967463
Method and Apparatus for Establishing the Drilling Line of an Overhead-Boring Machine	2/3/1975	3999616
Machine for Boring a Large Diameter Blind Hole	3/6/1975	3965995
Tunneling Equipment	4/11/1975	3966256
Rotary Cutterhead for an Earth Boring Machine	8/7/1978	4193637
Rotary Cutterhead for an Earth Boring Machine	2/5/1979	4234235
Conveyor Mounted Excavator	10/1/1979	4283090
Raise Bit with Cutters Stepped in a Spiral and Flywheel	11/21/1980	4381038
Earth Boring Apparatus	3/23/1981	4365677
Rotary Cutterhead for an Earth Boring Machine	11/5/1981	RE31511
Double Shield Tunnel Boring Machine	11/27/1981	4420188
Mobile Mining Machine and Method	12/6/1983	4548442
Tunnel Boring Machine	7/3/1984	4548443
Shaft Boring Machine and Method	7/31/1984	4646853
Rock Boring Machine Drive Head With Up and Down Drilling Capability	10/6/1989	5012878
Hopper and Hood Combination for Tunneling Machine and Tunneling Machine Having the Same	4/8/1991	5127711
Transport Apparatus and Method of Forming Same	5/16/1991	5205612
Gantry-Type Mobile Mining Machine	5/28/1991	5192116
Tramming Mobile Mining Machine	5/28/1991	5192115
Tunnel Boring Machine With Continuous Forward Propulsion	6/17/1991	5205613
Tunneling Machine Having Liquid Balance Low Flow Slurry System	6/17/1991	5203614
Mobile Mining Machine Having Tilted Swing Axis and Method	10/11/1991	5234257
Roller Cutter Assembly Having Adjustable Ring Cutter Spacing	3/9/1992	5234064
Down Reaming Apparatus	3/27/1992	5325932
Cutter Wheel Assembly for Mining Machine	11/23/1992	5308151
Method and Apparatus for Automatically Controlling a Mining Machine	3/8/1993	5310249
Drive Head Assembly for Drilling Machine	4/19/1993	5730194
Load Sensitive Conveyor Training Apparatus	5/12/1993	5341920
Down Reaming Apparatus	7/26/1993	5308150
Down Reaming Apparatus Having Hydraulically Controlled Stabilizer	10/12/1993	5429198
Cutter Assembly Having a Plurality of Independently Rotatable Cutting Units Thereon	1/19/1995	5598895
Drill Pipe Having Concave Wrenching Recesses	6/7/1995	5664606
Inflatable Gripper Assembly for Rock Boring Machine	10/2/1995	5649745
Self-Adjusting Carrying Idler Assembly	6/10/1999	6390287
Equipment for Drilling Vertical Boreholes	11/20/2002	6955232

PATENT