

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM J. ENDRES	10/14/2011
DOUGLAS J. WOODRUFF	10/14/2011
GARY W. PENNALA	10/14/2011
RECEIVING PARTY DATA	
Name:	ROTARY TECHNOLOGIES CORPORATION
Street Address:	2979 Pacific Commerce Drive
City:	Rancho Dominguez
State/Country:	CALIFORNIA
Postal Code:	90221
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13218218
CORRESPONDENCE DATA	
Fax Number:	(626)577-8800
Phone:	(626) 795-9900
Email:	PTO@CPH.COM
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Christie, Parker & Hale, LLP
Address Line 1:	P.O. Box 7068
Address Line 4:	Pasadena, CALIFORNIA 91109-7068
ATTORNEY DOCKET NUMBER:	68246/R177
NAME OF SUBMITTER:	Constantine Marantidis
Total Attachments: 4 source=68246-Assignment#page1.tif source=68246-Assignment#page2.tif source=68246-Assignment#page3.tif source=68246-Assignment#page4.tif	

CH \$40.00 13218218

ASSIGNMENT

WHEREAS, WE, WILLIAM J. ENDRES, DOUGLAS J. WOODRUFF, and GARY W. PENNALA, residing at 509 West Douglass Avenue, Houghton, MI 49931; 16254 Obenhoff Road, Atlantic Mine, MI 49904; and 30589 Township Park Road, Calumet, MI 49913, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **STABILIZATION OF BORING TOOLS**, filed August 25, 2011, Application No. 13/218,218, together with claim to the priority of United States Provisional Application No. 61/377,074, filed August 23, 2010.

AND WHEREAS ROTARY TECHNOLOGIES CORPORATION, a California corporation, having a place of business at 2979 Pacific Commerce Drive, Rancho Dominguez, CA 90221 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

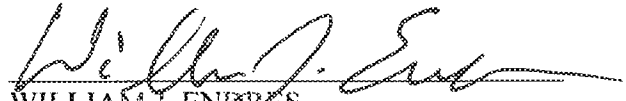
AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

ASSIGNMENT
Docket No. 68246/R177

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 14th day of October,
20 11

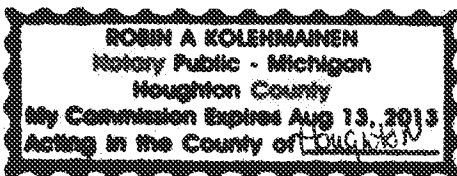

WILLIAM J. ENDRES

STATE OF MICHIGAN)
COUNTY OF Houghton)

On October 14th 2011 before me, Robin A. Kolehmainen,
Notary Public, personally appeared **WILLIAM J. ENDRES**, who proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf of which the person acted,
executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of Michigan that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal,




Signature of Notary (Seal)

IN TESTIMONY WHEREOF, I hereunto set my hand this 14th day of OCTOBER,
20 11.

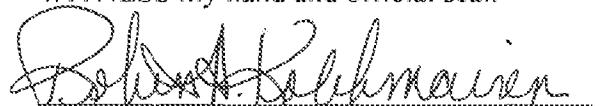

DOUGLAS J. WOODRUFF

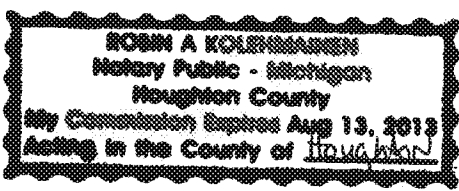
STATE OF MICHIGAN)
COUNTY OF Houghton)

On October 14, 2011 before me, Robin A. Kolhmainen
Notary Public, personally appeared **DOUGLAS J. WOODRUFF**, who proved to me on the
basis of satisfactory evidence to be the person whose name is subscribed to the within instrument
and acknowledged to me that he executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf of which the person acted,
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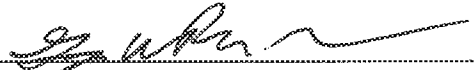
I certify under PENALTY OF PERJURY under the laws of the State of Michigan that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature of Notary (Seal)



IN TESTIMONY WHEREOF, I hereunto set my hand this 14 day of Oct,
20 11.

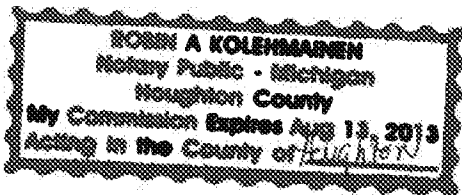

GARY W. PENNALA

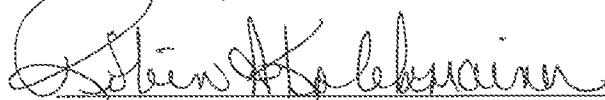
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COUNTY OF Houghton)

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