

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3515653

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	FLORIAN OPPOLZER	09/08/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TECHNOLOGICAL RESOURCES PTY LTD	
<b>Street Address:</b>	123 ALBERT STREET	
<b>City:</b>	BRISBANE	
<b>State/Country:</b>	AUSTRALIA	
<b>Postal Code:</b>	4000	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14770149
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(312)463-5001	
<i>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.</i>		
<b>Phone:</b>	(202) 824-3000	
<b>Email:</b>	bwptopat@bannerwitcoff.com, kvancleve@bannerwitcoff.com	
<b>Correspondent Name:</b>	BANNER & WITCOFF, LTD.	
<b>Address Line 1:</b>	TEN SOUTH WACKER DR.	
<b>Address Line 2:</b>	SUITE 3000	
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606	
<b>ATTORNEY DOCKET NUMBER:</b>	007723.00025	
<b>NAME OF SUBMITTER:</b>	SUSAN A. WOLFFE	
<b>SIGNATURE:</b>	/Susan A. Wolffe/	
<b>DATE SIGNED:</b>	09/08/2015	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

WHEREAS, I, **OPPOLZER, Florian** (ASSIGNOR), am an inventor of certain inventions and improvements described in a U.S. patent application and having the title:

### **A METHOD OF GENERATING A DRILL HOLE SEQUENCE PLAN AND DRILL HOLE SEQUENCE PLANNING EQUIPMENT**

which application was filed on **February 25, 2014 (PCT filing date)** and assigned Application No. **14/770,149** and

WHEREAS,

**TECHNOLOGICAL RESOURCES PTY. LTD.**

ACN 002 183 557

123 Albert Street

Brisbane

Queensland, 4000

AUSTRALIA

(ASSIGNEE) desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

I hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) my entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, including but not limited to design patents and registrations, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And I covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement or do anything in conflict herewith;

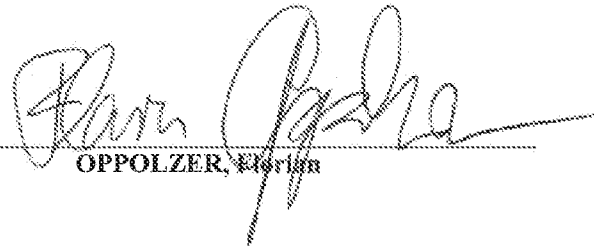
And I further covenant and agree that I will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and I agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And I authorize the ASSIGNEE or its NOMINEES to file in my name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and I authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said

application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And I hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

8.9.2015  
DATE

  
OPPOLZER, Ram