

## 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>Jarno Kuittinen</td> <td>07/16/2012</td> </tr> <tr> <td>Juha Piipponen</td> <td>07/04/2012</td> </tr> <tr> <td>Timo Niemi</td> <td>07/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jarno Kuittinen	07/16/2012	Juha Piipponen	07/04/2012	Timo Niemi	07/03/2012
Name	Execution Date								
Jarno Kuittinen	07/16/2012								
Juha Piipponen	07/04/2012								
Timo Niemi	07/03/2012								
RECEIVING PARTY DATA									
Name:	Sandvik Mining and Construction Oy								
Street Address:	Pihtisulunkatu 9								
City:	Tampere								
State/Country:	FINLAND								
Postal Code:	FI-33330								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13635040</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13635040				
Property Type	Number								
Application Number:	13635040								
CORRESPONDENCE DATA									
Fax Number:	2027393001								
Phone:	2027393000								
Email:	adowney@morganlewis.com, patents@morganlewis.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:	Jeffrey G. Killian								
Address Line 1:	1111 Pennsylvania Avenue NW								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004								
ATTORNEY DOCKET NUMBER:	042866-8675								
NAME OF SUBMITTER:	Jeffrey G. Killian								
Total Attachments: 2 source=042866-8675_Assignment-09142012#page1.tif source=042866-8675_Assignment-09142012#page2.tif									

CH \$40.00 13635040

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**Rock drilling rig and method for positioning the same**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on \_\_\_\_\_, (Application No. \_\_\_\_\_); and

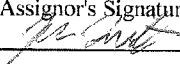

WHEREAS, Sandvik Mining and Construction Oy, a corporation of Finland, whose post office address is Pihtisulunkatu 9, FI-33330 Tampere, Finland, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

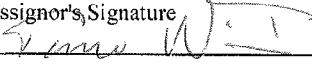
AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/635,040, filed 2012-09-14) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor <b>Jarno KUITTINEN</b>	Assignor's Signature 	Date <u>16th of July 2012</u>
c/o Sandvik Mining and Construction Oy, Pihtisulunkatu 9, FI-33330 Tampere, Finland		Citizenship Finland
Full Name of Second Assignor <b>Juha PIIPPONEN</b>	Assignor's Signature 	Date <u>4th of July 2012</u>
c/o Sandvik Mining and Construction Oy, Pihtisulunkatu 9, FI-33330 Tampere, Finland		Citizenship Finland
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ATTORNEY DOCKET NO.:  
SOLE/JOINT INVENTION  
(U.S. Rights Only)  
(Continued)

Full Name of Third Assignor Timo NIEMI	Assignor's Signature 	Date 3.7.2012
c/o Sandvik Mining and Construction Oy, Pihtisulunkatu 9, FI-33330 Tampere, Finland		Citizenship Finland
Full Name of Fourth Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

DB1/68731666.1