502669057 02/06/2014

PATENT ASSIGNMENT COVER SHEET

NEW ASSIGNMENT

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SUBMISSION TYPE:

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NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PAR	TY DATA				
		Name		Execution Date	7
ILMO PYORNY				01/15/2014	
RECEIVING PART	Y DATA				
Name:	SANDVIK MINING AND CONSTRUCTION OY				
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City:	TAMPERE				
City: State/Country:	FINLAND				
	FINLAND				
State/Country:	FINLAND BERS Total: 1		Number		
State/Country: PROPERTY NUME	FINLAND BERS Total: 1 y Type	14173987	Number		
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PROPERTY NUME Propert Application Numb CORRESPONDEN	FINLAND BERS Total: 1 y Type er: ICE DATA (614		Number		

ATTORNEY DOCKET NUMBER:	SMC 2012052SFUS
NAME OF SUBMITTER:	MARIA C.GASAWAY
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source = 2012052 signed Assignment 1 # page 1.t if

PATENT REEL: 032155 FRAME: 0956

ATTORNEY DOCKET NO.: 2012052 SFUS SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

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

Rock drilling unit and method of changing drill rods

WHEREAS, <u>SANDVIK MINING AND CONSTRUCTION OY</u>, a corporation of <u>Finland</u>, whose post office address <u>Pihtisulunkatu 9</u>, <u>FI-33330 Tampere</u>, <u>Finland</u> (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., filed_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s). Date Full Name of Sole or First Assignor Assignor's Signature PYÖRNY, Ilmo Address: c/o Sandvik Mining and Construction Oy, Pihtisulunkata 9, FI-53330 Citizenship Tampere, Finland FI Full Name of Second Assignor Assignor's Signature Date Address: Citizenship Names of additional inventors attached M No

> PATENT REEL: 032155 FRAME: 0957

RECORDED: 02/06/2014