

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																					
NATURE OF CONVEYANCE:	ASSIGNMENT																					
CONVEYING PARTY DATA																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Jouko MUONA</td><td>02/25/2008</td></tr> <tr><td>Jukka OSARA</td><td>02/22/2008</td></tr> <tr><td>Eemeli HAVERINEN</td><td>02/25/2008</td></tr> <tr><td>Tommi SALENIEMI</td><td>02/25/2008</td></tr> <tr><td>Timo KEMPPAINEN</td><td>02/25/2008</td></tr> <tr><td>Ari JUNNIKKALA</td><td>03/10/2008</td></tr> <tr><td>Isto VIRTANEN</td><td>03/10/2008</td></tr> <tr><td>Jussi KOSKELAINEN</td><td>03/14/2008</td></tr> <tr><td>Erkki EILO</td><td>03/10/2008</td></tr> </tbody> </table>			Name	Execution Date	Jouko MUONA	02/25/2008	Jukka OSARA	02/22/2008	Eemeli HAVERINEN	02/25/2008	Tommi SALENIEMI	02/25/2008	Timo KEMPPAINEN	02/25/2008	Ari JUNNIKKALA	03/10/2008	Isto VIRTANEN	03/10/2008	Jussi KOSKELAINEN	03/14/2008	Erkki EILO	03/10/2008
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>SANDVIK MINING AND CONSTRUCTION OY</td></tr> <tr><td>Street Address:</td><td>Pihtisulunkatu 9</td></tr> <tr><td>City:</td><td>Tampere</td></tr> <tr><td>State/Country:</td><td>FINLAND</td></tr> <tr><td>Postal Code:</td><td>33330</td></tr> </table>			Name:	SANDVIK MINING AND CONSTRUCTION OY	Street Address:	Pihtisulunkatu 9	City:	Tampere	State/Country:	FINLAND	Postal Code:	33330										
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CORRESPONDENCE DATA																						
Fax Number: (202)204-0289 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202-842-8800 Email: faiza.shahzadi@dbr.com Correspondent Name: DRINKER BIDDLE & REATH (DC) Address Line 1: 1500 K STREET, N.W. Address Line 2: SUITE 1100																						

OP \$40.00 11991159

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PATENT
REEL: 020946 FRAME: 0851

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-1209

ATTORNEY DOCKET NUMBER:	47121_5041_419187
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NAME OF SUBMITTER:	Jeffrey G. Killian
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Total Attachments: 2 source=47121_5041_419187_Assignment#page1.tif source=47121_5041_419187_Assignment#page2.tif
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ATTORNEY DOCKET NO.:
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:

USER INTERFACE FOR ROCK DRILLING RIG

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


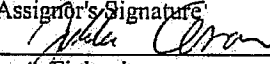
WHEREAS, SANDVIK MINING AND CONSTRUCTION OY, a corporation of Finland, whose post office address is Pihtisulunkatu 9, FI-33330 Tampere, Finland, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States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

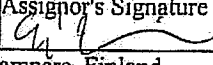
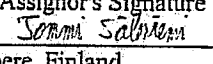
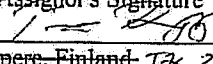
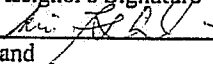
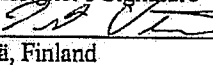
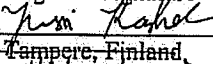
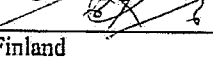
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, 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. _____, filed _____) 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 Sole or First Assignor Jouko MUONA	Assignor's Signature 	Date 25.2.2008
Address Jokisjärventie 84, FI-37200 Siuro, Finland		Citizenship Finnish
Full Name of Second Assignor Jukka OSARA	Assignor's Signature 	Date 22.2.2008
Address Parkumäentie 14, FI-39100 Hämeenkyrö, Finland		Citizenship Finnish
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Attorney Docket No.:		
Full Name of Third Assignor Eemeli HAVERINEN	Assignor's Signature 	Date 25.2.2008
Address Tuomiokirkonkatu 8 A 12, FI-33100 Tampere, Finland		Citizenship Finnish
Full Name of Fourth Assignor Tommi SÄLENIEMI	Assignor's Signature 	Date 25.2.2008
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Full Name of Fifth Assignor Timo KEMPPAINEN	Assignor's Signature 	Date 25.2.2008
Address Kraaterinkatu 15 A 6, FI-33270 Tampere, Finland - TK 25.2.2008 KALKUN VOOREN KATU 7 B 5, FI-33300 TAMPERE		Citizenship Finnish
Full Name of Sixth Assignor Ari JUNNIKKALA	Assignor's Signature 	Date 10.3.2008
Address Telkänpolku 5, FI-37140 Nokia, Finland		Citizenship Finnish
Full Name of Seventh Assignor Isto VIRTANEN	Assignor's Signature 	Date 10.3.2008
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Full Name of Eighth Assignor Jussi KOSKELAINEN	Assignor's Signature 	Date 14.3.2008
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Full Name of Ninth Assignor Erkki EILO	Assignor's Signature 	Date 10.3.2008
Address Siuronvaltie 463, FI-37140 Nokia, Finland		Citizenship Finnish
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

JK
14.3.2008

PATENT

RECORDED: 05/14/2008

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