

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Markku KESKINIVA	09/12/2011
Juha PIISPANEN	09/12/2011
Mauri ESKO	09/12/2011
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	
Property Type	Number
Application Number:	13259793
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ATTORNEY DOCKET NUMBER:	047121-5080
NAME OF SUBMITTER:	Hyun J. Jung
Total Attachments: 2 source=047121_5080_assignment#page1.tif source=047121_5080_assignment#page2.tif	

OP \$40.00 13259793

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**PATENT**  
**REEL: 026961 FRAME: 0282**

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:

#### Percussion device

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


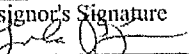
WHEREAS, Sandvik Mining and Construction Oy, a corporation of Finland, whose post office address is Pihtisulunkatu 9, FI-33330 Tampere, Finland, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States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

<b>Full Name of Sole or First Assignor</b> Markku KESKINIVA	<b>Assignor's Signature</b> 	<b>Date</b> 2011-09-12
<b>Address</b> c/o Sandvik Mining and Construction Oy, Pihtisulunkatu 9, FI-33330 Tampere, Finland		<b>Citizenship</b> Finland
<b>Full Name of Second Assignor</b> Juha PIISPANEN	<b>Assignor's Signature</b> 	<b>Date</b> 2011-09-12
<b>Address</b> c/o Sandvik Mining and Construction Oy, Pihtisulunkatu 9, FI-33330 Tampere, Finland		<b>Citizenship</b> Finland
<b>Names of additional inventors attached</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Attorney Docket No.:		
<b>Full Name of Third Assignor</b> Mauri ESKO	<b>Assignor's Signature</b> 	<b>Date</b> 2011-09-12
<b>Address</b> c/o Sandvik Mining and Construction Oy, Pihlissalunkatu 9, FI-33330 Tampere, Finland		<b>Citizenship</b> Finland
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<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Fifth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Sixth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Seventh Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Eighth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Ninth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Tenth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Full Name of Eleventh Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address</b>		<b>Citizenship</b>
<b>Names of additional inventors attached</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		