504602988 10/20/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS GALLER	07/22/2015
MARTIN KUPPER	07/22/2015
ANDREAS BISCHOF	07/22/2015

RECEIVING PARTY DATA

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Street Address:	SE-811 81	
City:	SANDVIKEN	
State/Country:	SWEDEN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15545261

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ATTORNEY DOCKET NUMBER:	UGCM 14457WOUS
NAME OF SUBMITTER:	MARIA C. POLLICK
SIGNATURE:	/Maria C. Pollick/
DATE SIGNED:	10/20/2017

Total Attachments: 3

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PATENT 504602988 REEL: 044510 FRAME: 0915

SIP AB ref.: P14457WO

SWEDEN

Confirmation of Assignment Patent

I/We hereby declare that I/We as Inventor/-s and Assignor/-s have assigned my/our entire rights to an Invention entitled:

"Expendable supply system for underground drilling"

to the Assignee, being :

SANDVIK INTELLECTUAL PROPERTY AB

SE-811 81 SANDVIKEN

SWEDEN

on the

22th of January 2015

I/We confirm having assigned all my/our rights globally concerning the Invention to the Assignee. The assignment includes the right for the Assignee to seek and obtain patent or other intellectual property protection for the Invention in any country, including the right to claim priority from any patent application describing the Invention. I/We undertake to, without delay, assist the Assignee in all work with patent applications that concern the Invention, including but not limited to signing all documents, providing necessary information and undertaking other reasonable measures which are necessary in order for the Assignee to secure that such patent applications lead to registration in various countries around the world. In the event that the Assignee assigns the Invention to a third party, my/our undertakings above are valid against the third party.

Place and Date:

Zeltwey, 22 01, 2015

Inventor/Assignor:

Clarification of signature:

Thomas Galler

SIP AB ref.: P14457WO

SWEDEN

Confirmation of Assignment Patent

I/We hereby declare that I/We as Inventor/-s and Assignor/-s have assigned my/our entire rights to an Invention entitled:

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to the Assignee, being: SAN

SANDVIK INTELLECTUAL PROPERTY AB

SE-811 81 SANDVIKEN

SWEDEN

on the

22.01.2015

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Place and Date:

Inventor/Assignor:

Clarification of signature:

Martin Kupper

Tellweg, 7201.15 Lugger Marchin SIP AB ref.: P14457WO

SWEDEN

Confirmation of Assignment Patent

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" Expendable supply system for underground drilling"

to the Assignee, being: SANDVIK INTELLECTUAL PROPERTY AB

SE-811 81 SANDVIKEN

SWEDEN

on the 2015 / 01 / 22

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Place and Date: <u>ZeU-weq, 22,04.2015</u>

Inventor/Assignor: <u>Andreas Bischof</u>

Clarification of signature: Andreas Bischof

PATENT REEL: 044510 FRAME: 0918

RECORDED: 10/20/2017