

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SMITH INTERNATIONAL, INC.	08/26/2010
RECEIVING PARTY DATA	
Name:	SANDVIK INTELLECTUAL PROPERTY AB
Street Address:	SE-811 81
City:	SANDVIKEN
State/Country:	SWEDEN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6196338
CORRESPONDENCE DATA	
Fax Number: (713)228-8778 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: THACH@OSHALIANG.COM Correspondent Name: JEFFREY S. BERGMAN Address Line 1: 909 FANNIN ST Address Line 2: SUITE 3500 Address Line 4: HOUSTON, TEXAS 77010	
ATTORNEY DOCKET NUMBER:	17348/029001
NAME OF SUBMITTER:	MINH S. THACH
Total Attachments: 3 source=029001#page1.tif source=029001#page2.tif source=029001#page3.tif	

OP \$40.00 6196338

501328481

PATENT
REEL: 025178 FRAME: 0228

ASSIGNMENT (US)

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual, on behalf of SMITH INTERNATIONAL, INC., a Delaware corporation having a place of business at 1310 Rankin Road, Houston, Texas 77073 hereby assigns, transfers, and sets over to:

SANDVIK INTELLECTUAL PROPERTY AB

having the following address:

SE-811 81 Sandviken, Sweden

its successors, and assigns, the entire right, title, and interest, in and to the patents and patent applications indicated in SCHEDULE A, attached herewith. This ASSIGNMENT is consistent with and is not meant to alter Appendix 4.2.1-i, the Smith Intellectual Property Assignment Agreement, of the Main Agreement dated August 13, 2001.

IN WITNESS WHEREOF, SMITH INTERNATIONAL, INC. causes this agreement to be executed by their duly authorized officers on the date appearing by such individual's signature:

SMITH INTERNATIONAL, INC.

Name: Stuart Chin

Title: Sr. Vice President Drilling and Evaluation Technologies

Date: August 26, 2010

In the presence of:

Brandy Hoffmaster
Witness

Brandy Hoffmaster
Name (please print)

August 26, 2010
Date

Jessica Greeney
Witness

Jessica Greeney
Name (please print)

August 26, 2010
Date

SCHEDULE A

Patents

<u>Title</u>	<u>U.S. Patent No.</u>	<u>Sandvik Ref. No.</u>	<u>Smith Ref. No.</u>	<u>Issue Date</u>
Cutting Element Having Enhanced Cutting Geometry	7,086,488	12363(1)	02-SMG52(1)	August 8, 2006
Cutting Element Having Enhanced Cutting Geometry	7,540,340	12363(2)	02-SMG52(2)	June 2, 2009
Modular System for a Back Reamer and Method	7,152,702	12366	05-SKS107	December 26, 2006
Thrust Plugs for Rotary Cone	5,642,942	12367	95-ST18	July 1, 1997
Thrust Plugs for Rotary Cone	5,868,502	12367(1)	95-ST18(1)	February 9, 1999
Mounting Attachment and Bearing System for a Back Reamer and Method	6,708,786	12368	01-SMG17(1)	March 23, 2004
Sealed Bearing Blast Hole Bit	6,296,067	12369(2)	93-ST73(2)	October 2, 2001
Sealed Bearing Blast Hole Bit	6,206,110	12369(3)	93-ST73(3)	March 27, 2001
Protected Lubricant Reservoir for Sealed (Earth...Bit)	6,619,412	12369(4)	93-ST73(4)	September 16, 2003
Cone Erosion Protection for Roller Cone Drill Bits	6,698,098	12370	01-SMG37	March 2, 2004
Cone Erosion Protection for Roller Cone Drill Bits	7,210,377	12370	01-SMG37(1)	May 1, 2007
Hardfacing Rock Bit Cones for Erosion Protection	6,196,338	12371	97-ST97(1)	March 6, 2001
Improved Rock Drill Bit with Neck Protection	6,446,739	12372	99-SMG51(1)	September 10, 2002
Roller Cone for Drill Bit Having Improved Resistance to Fatigue Cracking	6,598,689	12373US1	00-SMG33	July 29, 2003
Cone Erosion Protection for Earth Boring Devices	6,601,475	12374	00-SMG34(1)	August 5, 2003
Anti-Plugging Device for a Sealed Bearing	6,408,957	12375	00-SMG57	June 25, 2002

✱

Back Reaming Tool	7,137,460	12382	01-SMG01(2)	November 21, 2006
Back Reaming Tool	6,729,418	12382	01-SMG01(1)	May 4, 2004
Bearing and Lubrication System for Earth Boring Bit	7,237,627	12383	02-SKS92(1)	July 3, 2007
Shaped Inserts with Increased Retention Force	7,416,035	12385	03-SKS94(1)	August 26, 2008
Rock Drilling Bit Let Forging Optimized Air Drilling	6,116,357	12389	96-ST48(1)	September 12, 2000
Improved Earth-Boring Bits	6,244,364	12390	96-ST52(1)	June 12, 2001
Seal Protection for Sealed Bearing Rock Bit	6,033,117	12391	95-ST27(1)	March 7, 2000
Seal Protection for Sealed Bearing Rock Bit	6,254,275	12391(1)	95-ST27(2)	July 3, 2001
Seal Protection for Sealed Bearing Rock Bit	6,264,367	12391(3)	95-ST27(4)	July 24, 2001
Seal Protection for sealed Bearing Rotary	6,431,293	12391(4)	95-ST27(5)	August 13, 2002
Graded Hardfacing for Drill Bits	7,552,783	12386	04-SKS18(1)	June 29, 2006

Patent Applications

<u>Title</u>	<u>U.S. Application No.</u>	<u>Sandvik Ref. No.</u>	<u>Smith Ref. No.</u>	<u>Filing Date</u>
Apparatus and Method for Selective Laser-Applied	12/489,324	12366USC1	05-SKS107(1)	June 22, 2009
Asymmetric Graded Composites for Improved Drill Bits	11/478,559	12387	04-SKS78(1)	June 29, 2006