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103576944 To the Director of the U.S. Pat.

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HEET

To the Director of the 0.5. Fat.	T	
I. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
	Name: Atlas Copco Rock Drills AB	
Jonas Sinnerstad; Magnus Olsson; Marcus Leu	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X No		
3. Nature of conveyance/Execution Date(s):	Street Address: SE-701 91 Orebro	
Execution Date(s). June 18, 26, 25, 2009		
Assignment Merger		
Security Agreement Change of Name	City: Orebro	
Joint Research Agreement	State:	
Government Interest Assignment		
Executive Order 9424, Confirmatory License	Country: Sweden Zip:	
Other	Additional name(s) & address(es) attached? Yes X No	
1. Application or patent number(s):	document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
	12 450686	
	12 93 06 8 6	
	ached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Mark P. Stone , Attorney at Law	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address:	() / 1	
	Authorized to be charged to deposit account	
Street Address: 50 Broadway	X Enclosed	
	None required (government interest not affecting title)	
City: Hawthorne	8. Payment Information	
State: New York Zip: 10532		
Phone Number: (914) 769-1106		
Fax Number:(914) 769-1116	Deposit Account Number	
Email Address: stone92349@msn.com	Authorized User Name	
3. Signature: Signature	10/6/Cg Date	
Mark P. Stone, Reg. No. 27,954 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT REEL: 023365 FRAME: 0966

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ASSIGNMENT

Attorney	Docket_	· · · · · · · · · · · · · · · · · · ·
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In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

Method and device for controlling at least one drilling parameter for rock drilling

sell and assign to Atlas Copco Rock Drills AB

RECORDED: 10/06/2009

a corporation of Örebro, Sweden having a business address at SE-701 91 ÖREBRO, Sweden

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

	NVENTOR: SIGNATURE and	DATE RESIDENCE	AND POST OFFICE ADDRESS
2 0 1	Sign: Jenus Jem erskud	18 June 2009	Wrangels gränd 1 SE-702 28 Örebro Sweden
	Type: SINNERSTAD, Jonas		
2 0 2	Sign: Maymy blown	26 June 2009	Sörby 317 SE-694 92 Hallsberg Sweden
	Type: OLSSON, Magnus		
2 0 3	Sign:	Date: 25 June - 2009	Lundby Kvistbro by SE-716 93 Fjugesta Sweden
	^{Type:} LEÜ, Marcus		

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