

12/13/2011



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Deyi Jiao & Eugene Cheng

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Atlas Copco Drilling Solutions LLC

Internal Address: \_\_\_\_\_

Street Address: 2100 North First Street

City: Garland

State: Texas

Country: U.S.A. Zip: 75040

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) November 25, 2011; December 6, 2011

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Mark P. Stone, Attorney at Law

Internal Address: \_\_\_\_\_

Street Address: 400 Columbus Avenue

City: Valhalla

State: New York Zip: 10595

Phone Number: (914) 769-1106

Fax Number: (914) 769-1116

Email Address: stone92349@msn.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

12/8/11

Date

Mark P. Stone, Reg. No. 27,954  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

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

**ASSIGNMENT**

Attorney Docket \_\_\_\_\_

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:

**Control System, Rock Drill Rig and Control Method**

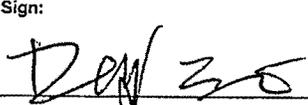
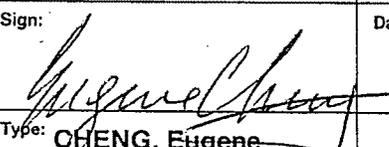
sell and assign to **Atlas Copco Drilling Solutions LLC**

a corporation of **Texas, USA**

having a business address at **2100 North First Street, Garland, Texas 75040, USA**

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.

INVENTOR: SIGNATURE and DATE		RESIDENCE AND POST OFFICE ADDRESS	
2 0 1	Sign:  Type: JIAO, Deyi	Date: 2011-11-25	4101 Aldenham Drive Plano, Texas 75024 USA
2 0 2	Sign:  Type: CHENG, Eugene	Date: 2011-12-06	3929 Colwick Court, Plano, Texas 75023 USA