

AD 581 40

FORM PTO-1619A
Expires 08/30/99
OMB 0851-0027

05-08-2002

U.S. Department of Commerce
Patent and Trademark Office
PATENT



102081896

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New 2-21-02
- Resubmission (Non-Recordation)
Document ID#
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment Security Agreement
 - License Change of Name
 - Merger Other
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- Departmental File Secret File

Conveying Party(ies)

- Mark if additional names of conveying parties attached
- Name (line 1) Execution Date Month Day Year
- Name (line 2)

Second Party

- Name (line 1)
- Name (line 2)
- Execution Date Month Day Year

Receiving Party

- Mark if additional names of receiving parties attached
- If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

- Name (line 1)
- Name (line 2)
- Address (line 1)
- Address (line 2)
- Address (line 3)
- City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

- Name
- Address (line 1)
- Address (line 2)
- Address (line 3)
- Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0451-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0451-0027, Patent and Trademark Assignment Practices. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

(July 1998)

PATENT
REEL: 012858 FRAME: 0977

FORM PTO-1619B
Expires 08/30/99
OMB 0951-0027

Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address Area Code and Telephone Number **(317) 236-1313**

Name **CONARD, Richard D.**

Address (line 1) **BARNES & THORNBURG**

Address (line 2) **11 South Meridian Street**

Address (line 3) _____

Address (line 4) **Indianapolis, IN 46204**

Pages Enter the total number of pages of the attached conveyance document including any attachments. # **1**

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
10,069206					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year
02082002

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT _____ PCT _____ PCT _____
only if a U.S. Application Number PCT _____ PCT _____ PCT _____
has not been assigned.

Number of Properties Enter the total number of properties involved. # **1**

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment: Enclosed Deposit Account

Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # **10-0435**

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Richard D. CONARD *Richard D. Conard* February 21, 2002

Name of Person Signing Signature Date

US

U.S. Patent Application

ASSIGNMENT

WHEREAS, Thomas Borg

as assignor(s), has/have invented improvements in A METHOD FOR A VALVE, A VALVE AND A WIRE LINE CORE DRILLING SYSTEM INCLUDING SAID VALVE

___ for which an Application for United States Letters Patent has been executed by me on even date herewith.

___ for which U.S. Application Serial No. _____ for Letters Patent was filed in the U.S. Patent and Trademark Office.

X for which an International Application was filed on 24.08.00 as PCT/SE00/01631, designating the United States.

AND WHEREAS, Atlas Copco Craelius AB, a Corporation of Sweden; of S-195 82 MÄRSTA, Sweden

as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I as assignor hereby sell, assign and set over to said assignees the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignees herein, as assignees of the entire interest therein; and the undersigned for himself/themselves and his/their legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignees or its assigns, to communicate to said assignees or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignees, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignees.

And I/we do hereby authorize my/our attorneys to insert on this deed the filing date and serial number of said application when known.

8 FEBRUARY 2002
Date



Witness
Anders Odén


Name Thomas Borg

Date

Witness

Name

Date

Witness

Name

Date

Witness

Name