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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):
Christophe Simon and Hedi Sellami **12-16-02**

Additional name(s) of conveying party(ies) attached? YES NO

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Correction of Assignment Recordation
 (previously recorded at Reel _____, Frame _____).
 Other

Execution Date: August 18, 2002 and September 5, 2002

2. Name and address of receiving party(ies):
 Name: ARMINES
 Internal Address: _____
 Street Address: 60 Boulevard Saint Michel
 City: Paris Cedex 06
 State: _____
 Zip: 75272
 Country: France

Additional name(s) & address(es) attached? YES NO

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: August 18, 2002 and September 5, 2002

A. Patent Application Number(s) 10/220,385 B. Patent Number(s) _____

Additional number(s) attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Kenneth N. Nigon
 Internal Address: RatnerPrestia
 Street Address: Suite 301
One Westlakes
Berwyn, P.O. Box 980
 City: Valley Forge State: PA
 ZIP: 19482-0980

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00
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9. 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.

Kenneth N. Nigon
 Name of Person Signing
31,549
 Registration. No.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
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12/18/2002 GTOM11 00000216 10220385

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ASSIGNMENT

WHEREAS, I/we, Christophe SIMON & Hedi SELLAMI, of FRANCE, (hereinafter referred to as "**ASSIGNOR**") have made an invention entitled AUTO-PENETRATING DRILLING METHOD WITH THRUST GENERATOR DRILLING TOOL FOR METHOD APPLICATION PCT/FR01/00401 (February 12, 2001), for which, on even date herewith, the **ASSIGNOR** executed an application for United States Letters Patent;

WHEREAS, the **ASSIGNEE**, ARMINES 60 Boulevard Saint Michel 75272 PARIS CEDEX 06 FRANCE, a corporation organized and existing under and by virtue of the laws of the country of FRANCE, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the **ASSIGNEE** the **ASSIGNOR'S** entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that **ASSIGNOR** shall be legally bound, upon request and at the expense of the **ASSIGNEE** or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments and do such other acts as may be necessary and proper to patent the invention in the United States of America and foreign countries in the name of the **ASSIGNEE** and to execute all instruments proper to carry out the intent of this instrument.

Because **ASSIGNOR** includes more than one person, these obligations shall apply to those persons both individually and collectively.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

If the invention requires a biological deposit, **ASSIGNOR** also grants to **ASSIGNEE** such control over any deposit made by **ASSIGNOR** as may be necessary to the validity of the patent rights assigned herein.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

ASSIGNOR #1:

Typed Name: Christophe SIMON



Signature

Date: 13 - 08 - 2002

Witness as to ASSIGNOR #1: (Optional) _____

ASSIGNOR #2:

Typed Name: Hedi SELLAMI


Signature

Date: 5/9/2002

Witness as to ASSIGNOR #2: (Optional) _____

ASSIGNOR #3:

Typed Name:

Signature

Date: _____

Witness as to ASSIGNOR #3: (Optional) _____