

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>George MORARU</td> <td>11/29/2011</td> </tr> <tr> <td>Philippe VERON</td> <td>11/29/2011</td> </tr> <tr> <td>Patrice RABATE</td> <td>12/06/2011</td> </tr> </tbody> </table>		Name	Execution Date	George MORARU	11/29/2011	Philippe VERON	11/29/2011	Patrice RABATE	12/06/2011		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ARTS</td> </tr> <tr> <td>Street Address:</td> <td>151 Boulevard de l'Hopital</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>F-75013</td> </tr> </table>		Name:	ARTS	Street Address:	151 Boulevard de l'Hopital	City:	Paris	State/Country:	FRANCE	Postal Code:	F-75013
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<table border="1"> <tr> <td>Name:</td> <td>EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE</td> </tr> <tr> <td>Street Address:</td> <td>37, boulevard de Montmorency</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>F-75016</td> </tr> </table>		Name:	EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE	Street Address:	37, boulevard de Montmorency	City:	Paris	State/Country:	FRANCE	Postal Code:	F-75016
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PROPERTY NUMBERS Total: 1											
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Application Number:	13266611										
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Fax Number:	(703)685-0573										
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OP \$40.00 13266611

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0515-1144

NAME OF SUBMITTER:

Benoit Castel

Total Attachments: 2

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ASSIGNMENT

WHEREAS,

George MORARU
Philippe VERON
Patrice RABATE

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

DRILLING HEAD WITH AXIAL VIBRATIONS

- (a) for which an application for a United States patent was filed on
October 27, 2011, Application No. 13/266,611,
- (b) for which an application for a United States patent was executed on

WHEREAS, ARTS, whose address is 151 Boulevard de L'Hopital, Paris, F-75013 FRANCE, EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE, whose address is 37 Boulevard de Montmorency, Paris, F-75016 FRANCE, hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date 29/11/2011

(signature) George MORARU

Date 29/11/2011

(signature) Philippe VERON

Date _____

(signature) Patrice RABATE

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Date _____

(signature) George MORARU

Date _____

(signature) Philippe VERON

Date 06/12/2012

(signature) Patrice RABATE