

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT                         |               |                |                     |            |                 |            |                 |            |
|--|--|---------------|----------------|---------------------|------------|-----------------|------------|-----------------|------------|
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT                             |               |                |                     |            |                 |            |                 |            |
| <b>CONVEYING PARTY DATA</b>  |  |               |                |                     |            |                 |            |                 |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Marc Arques</td> <td>09/05/2008</td> </tr> <tr> <td>Jean-Luc Martin</td> <td>09/05/2008</td> </tr> <tr> <td>Arnaud Peizerat</td> <td>09/05/2008</td> </tr> </tbody> </table> |  | Name          | Execution Date | Marc Arques         | 09/05/2008 | Jean-Luc Martin | 09/05/2008 | Arnaud Peizerat | 09/05/2008 |
| Name   | Execution Date                         |               |                |                     |            |                 |            |                 |            |
| Marc Arques  | 09/05/2008                             |               |                |                     |            |                 |            |                 |            |
| Jean-Luc Martin  | 09/05/2008                             |               |                |                     |            |                 |            |                 |            |
| Arnaud Peizerat  | 09/05/2008                             |               |                |                     |            |                 |            |                 |            |
| <b>RECEIVING PARTY DATA</b>  |  |               |                |                     |            |                 |            |                 |            |
| <b>Name:</b>   | Commissariat A L'Energie Atomique      |               |                |                     |            |                 |            |                 |            |
| <b>Street Address:</b>   | 25, rue Leblanc Batiment               |               |                |                     |            |                 |            |                 |            |
| <b>Internal Address:</b>   | Le Ponant D                            |               |                |                     |            |                 |            |                 |            |
| <b>City:</b>   | Paris                                  |               |                |                     |            |                 |            |                 |            |
| <b>State/Country:</b>  | FRANCE                                 |               |                |                     |            |                 |            |                 |            |
| <b>Postal Code:</b>  | 75015                                  |               |                |                     |            |                 |            |                 |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |               |                |                     |            |                 |            |                 |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12237493</td> </tr> </tbody> </table>  |  | Property Type | Number         | Application Number: | 12237493   |                 |            |                 |            |
| Property Type  | Number                                 |               |                |                     |            |                 |            |                 |            |
| Application Number:  | 12237493                               |               |                |                     |            |                 |            |                 |            |
| <b>CORRESPONDENCE DATA</b>   |  |               |                |                     |            |                 |            |                 |            |
| <b>Fax Number:</b>   | (216)579-6073                          |               |                |                     |            |                 |            |                 |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |  |               |                |                     |            |                 |            |                 |            |
| <b>Email:</b>  | kahmed@pearne.com                      |               |                |                     |            |                 |            |                 |            |
| <b>Correspondent Name:</b>   | Jeffrey J. Sopko / Pearne & Gordon LLP |               |                |                     |            |                 |            |                 |            |
| <b>Address Line 1:</b>   | 1801 East 9th Street                   |               |                |                     |            |                 |            |                 |            |
| <b>Address Line 2:</b>   | Suite 1200                             |               |                |                     |            |                 |            |                 |            |
| <b>Address Line 4:</b>   | Cleveland, OHIO 44114-3108             |               |                |                     |            |                 |            |                 |            |
| <b>ATTORNEY DOCKET NUMBER:</b>   | BRV-44226                              |               |                |                     |            |                 |            |                 |            |
| <b>NAME OF SUBMITTER:</b>  | Jeffrey J. Sopko                       |               |                |                     |            |                 |            |                 |            |

Total Attachments: 3  
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**500659231**

**PATENT  
 REEL: 021592 FRAME: 0943**

**CH \$40.00 12237493**

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source=BRV-44226-Assignment#page3.tif

**ASSIGNMENT**

WHEREAS, new and useful improvements have been made by the undersigned in  
ARQUES Marc 48, rue Maurice Barres 38100 GRENOBLE - FRANCE  
MARTIN Jean-Luc Le Roulet 38620 SAINT GEOIRE EN VALDAINE - FRANCE  
PEIZERAT Arnaud 90bis, rue Abbé Grégoire 38000 GRENOBLE - FRANCE  
and are the subject of a patent application prepared for filing in the United States Patent and  
Trademark Office, and executed by the undersigned on the dates indicated below, which  
application is further identified as Pearne & Gordon LLP Docket No. \_\_\_\_\_.

WHEREAS, COMMISSARIAT A L'ENERGIE ATOMIQUE, a corporation of \_\_\_\_\_,  
having a place of business at 25, rue Leblanc Bâtiment "Le Ponant D" 75015 PARIS -  
FRANCE, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and  
interest throughout the world in, to, and under said improvements and inventions and patent  
rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and  
sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States  
and throughout the world, in, to and under said improvements and inventions and all patents,  
patent applications, patent rights, and inventor's certificates thereof, therefor, and therein,  
including without limitation said application for patent in the United States, all divisions and  
continuations thereof, all patents which may be granted thereon, all reissues and extensions  
thereof, all right to sue for past infringement thereunder, all patents which may be granted for  
said improvements and inventions by states or nations other than the United States, or by other  
authority, entity, or organization, and all applications therefor, have been and are hereby sold,  
assigned, transferred, and delivered unto assignee, its successors and assigns; and it is  
covenanted and agreed by the undersigned, and for executors, administrators, and legal  
representatives of the undersigned, that at assignee's request any and all applications, affidavits,  
assignments, and other instruments will be made, executed, and delivered as may be necessary,  
or desirable to secure for or vest in assignee, its successors or assigns, any improvement,

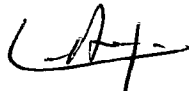
or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name: ARQUES Marc

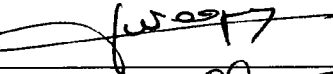
Signature:



Today's Date: September 05, 2008

Date I Signed Declaration: \_\_\_\_\_

Witness:

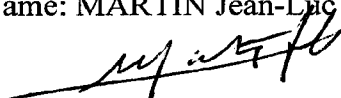
Sylvia WAGNER 

Witness:

Nathalie HERBLIN 

(2) Inventor Name: MARTIN Jean-Luc

Signature:



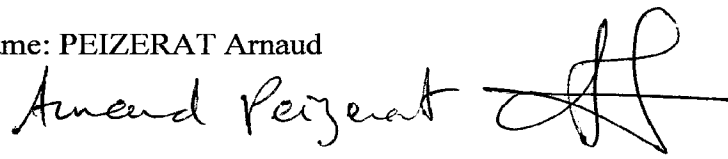
Today's Date: September 05, 2008

Date I Signed Declaration: \_\_\_\_\_

Witness: **Sylvia WAGNER** 

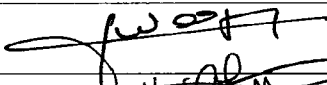
Witness: **Nathalie HERBLIN** 

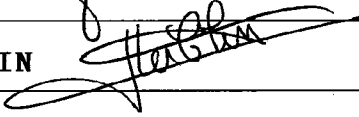
(3) Inventor Name: PEIZERAT Arnaud

Signature: 

Today's Date: September 05, 2008

Date I Signed Declaration: \_\_\_\_\_

Witness: **Sylvia WAGNER** 

Witness: **Nathalie HERBLIN** 

(4) Inventor Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Today's Date: \_\_\_\_\_

Date I Signed Declaration: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_

(5) Inventor Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Today's Date: \_\_\_\_\_

Date I Signed Declaration: \_\_\_\_\_