

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the 2nd Assignor's Name previously recorded on Reel 019925 Frame 0724. Assignor(s) hereby confirms the Assignment.

**CONVEYING PARTY DATA**

Name	Execution Date
Thomas ERNST	09/07/2007
Stephan BOREL	09/07/2007

**RECEIVING PARTY DATA**

<b>Name:</b>	COMMISSARIAT A L'ENERGIE ATOMIQUE
<b>Street Address:</b>	25 rue Leblanc - Immeuble le Ponant D-
<b>City:</b>	Paris
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75015

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	11910802

**CORRESPONDENCE DATA**

Fax Number: (703)413-2220  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: (703) 413-3000  
 Email: awhirley@oblon.com  
 Correspondent Name: Oblon, Spivak, et al.  
 Address Line 1: 1940 Duke Street  
 Address Line 4: Alexandria, VIRGINIA 22314

<b>ATTORNEY DOCKET NUMBER:</b>	315395US
<b>NAME OF SUBMITTER:</b>	Angela Whirley

Total Attachments: 4  
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## PATENT ASSIGNMENT

Electronic Version v1.1  
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10/05/2007  
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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>Thomas ERNST</td> <td>09/07/2007</td> </tr> <tr> <td>Stepan BOREL</td> <td>09/07/2007</td> </tr> </tbody> </table>		Name	Execution Date	Thomas ERNST	09/07/2007	Stepan BOREL	09/07/2007
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Stepan BOREL	09/07/2007						
RECEIVING PARTY DATA							
Name:	COMMISSARIAT A L'ENERGIE ATOMIQUE						
Street Address:	25 rue Leblanc - Immeuble "Le Ponant D"						
City:	Paris						
State/Country:	France						
Postal Code:	75015						
PROPERTY NUMBERS Total: 1							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(703) 413-3000						
Email:	gyoon@oblon.com						
Correspondent Name:	Oblon, Spivak, et al.						
Address Line 1:	1940 Duke Street						
Address Line 4:	Alexandria, VIRGINIA 22314						
ATTORNEY DOCKET NUMBER:	315395US2PCT						
NAME OF SUBMITTER:	Gi Y. Yoon						
Total Attachments: 2 source=315395USassignment#page1.tif source=315395USassignment#page2.tif							

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B15218.3 ALP

# Assignment of Application

Page 1 of 2

WHEREAS, I (WE) ERNST Thomas – 642 route Yves Farge Hameau Chechamain – 38210 MORETTE - FRANCE

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

BOREL Stéphan – 4 rue de la distillerie – 38400 SAINT MARTIN D'HERES - FRANCE

, respectively,

have invented certain new and useful improvements in:

STRUCTURE AND METHOD FOR FABRICATING A MICROELECTRONIC DEVICE PROVIDED WITH ONE OR MORE QUANTUM WIRES ABLE TO FORM ONE OR MORE TRANSISTOR CHANNELS

INSERT TITLE OF INVENTION:

for which an application for Letters Patent was executed on September 7, 2007

(Application No. \_\_\_\_\_, filed \_\_\_\_\_), and

INSERT DATE INVENTORS SIGNED DECLARATION:

WHEREAS, COMMISSARIAT A L'ENERGIE ATOMIQUE

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at:

25 rue Leblanc – Immeuble le Ponant D – 75015 PARIS - FRANCE

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: September 7, 2007

  
\_\_\_\_\_  
(Signature of Inventor) ERNST Thomas

Date: September 7, 2007

  
\_\_\_\_\_  
(Signature of Inventor) BOREL Stéphan

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

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(Signature of Inventor)

Date: \_\_\_\_\_

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(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

10/01