505076806 09/04/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5123563

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| VINCENT REBOUD    | 07/26/2018     |
| ALBAN GASSENQ     | 08/02/2018     |
| SAMUEL TARDIF     | 07/29/2018     |
| VINCENT CALVO     | 07/28/2018     |
| ALEXEI TCHELNOKOV | 07/28/2018     |

### RECEIVING PARTY DATA

| Name:           | COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES<br>ALTERNATIVES |
|-----------------|---|
| Street Address: | BATIMENT LE PONANT D, 25 RUE LEBLANC                              |
| City:           | PARIS   |
| State/Country:  | FRANCE  |
| Postal Code:    | 75015   |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16053093 |

## **CORRESPONDENCE DATA**

Fax Number: (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

(703) 413-3000 Phone:

Email: dgebremichael@oblon.com

**Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 515275US   |
|-------------------------|--|
| NAME OF SUBMITTER:      | DEJEN GEBREMICHAEL   |
| SIGNATURE:              | /Dejen Gebremichael/                                       |
| DATE SIGNED:            | 09/04/2018   |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |

**PATENT REEL: 046780 FRAME: 0812** 

505076806

# Total Attachments: 5 source=515275usAssign#page1.tif source=515275usAssign#page2.tif source=515275usAssign#page3.tif source=515275usAssign#page4.tif source=515275usAssign#page5.tif

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of<br>Invention   | SEMICONDUCTOR STRUCTURE INCLUDING A SUSPENDED MEMBRANE CONTAINING A CENTRAL SEGMENT OF STRUCTURED THICKNESS  |
|---|--|
| As the below name   | d inventor, I hereby declare that:   |
| This declaration [S   | The attached application, or   |
| is directed to:   | United States application or PCT international application number  |
| The above-identifie   | d application was made or authorized to be made by me.   |
| I believe that I am t   | he original inventor or an original joint inventor of a claimed invention in the application.  |
| (hereinafter referre<br>Paris, 75015, Franc   | nmissariat A L'Energie Atomique et aux Energies Alternatives d to as "ASSIGNEE") having places of business at: <u>Batiment Le Ponant D. 25 Rue Leblanc.</u> g, is desirous of acquiring the entire right, title and interest in and to said invention and in and to hat may be granted therefore in the United States and its territorial possessions and in any and all   |
| acknowledged, and<br>said ASSIGNEE, if<br>and in all foreign c<br>other relevant Inter-<br>interest in and to a | FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto ne full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.   |
| any and all foreign<br>assignce of my ent<br>(his) successors an  | ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.  |
| respecting said in<br>continuation, subst<br>all of said Letters<br>possible to aid said                        | that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything I ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.   |
|   | ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.  |
| LEGAL NAME OF   |  |
| Inventor: Vincen  | REBOUD Date: 21/09/2018  |
| Signature:  | Kebocal  |
|   | and the second s |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Invent  |  | CONTAINING A CENTRAL SEGMENT OF STRUCTURED THICKNESS   |
|---|--|--|
| As the  | below name   | d inventor, I hereby declare that:   |
| This de   | claration 🗵  | The attached application, or   |
| is direc  | eted to:   | United States application or PCT international application number  |
| The ab  | ove-identifie  | ed application was made or authorized to be made by me.  |
| I believ  | ve that I am i   | he original inventor or an original joint inventor of a claimed invention in the application.  |
| (herein<br><u>Paris,</u><br>any Le                          | after referre<br>75015, Franc  | nmissariat A L'Energie Atomique et aux Energies Alternatives d to as "ASSIGNEE") having places of business at: <u>Batiment Le Ponant D, 25 Rue Leblanc</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to that may be granted therefore in the United States and its territorial possessions and in any and all  |
| acknow<br>said A<br>and in<br>other r<br>interes<br>possess | vledged, and SSIGNEE, to all foreign coelevant Interest in and to a sions and it | FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto he full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, mewals thereof.   |
| any an<br>assigne<br>(his) s                                | id all foreign<br>se of my ent<br>uccessors an                                   | ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.   |
| respect<br>continuall of<br>possib                          | ting said in<br>uation, subst<br>said Letters<br>le to aid sai                   | that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything d ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said steed States and its territorial possessions and in any and all foreign countries.  |
|   |  | viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.   |
| LEGA  | L NAME O   | FINVENTOR  |
| Invent<br>Signat  | or: <u>Alban</u>   | GASSENQ Date: 02/08/23/5   |
| 1 Continue  | পৰ্বত প্ৰত্  | A CONTRACTOR OF THE CONTRACTOR |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of Invention SEMICONDUCTOR STRUCTURE INCLUDING A SUSPENDED MEMBRANE CONTAINING A CENTRAL SEGMENT OF STRUCTURED THICKNESS  |
|---|
| As the below named inventor, I hereby declare that:   |
| This declaration  The attached application, or  |
| is directed to: United States application or PCT international application number filed on  |
| The above-identified application was made or authorized to be made by me.   |
| I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  |
| WHEREAS, Commissariat A L'Energie Atomique et aux Energies Alternatives   |
| (hereinafter referred to as "ASSIGNEE") having places of business at: <u>Batiment Le Ponant D. 25 Rue Leblane</u> , <u>Paris. 75015, France</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in 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, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 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 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 had this Assignment and sale not been made.   |
| Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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 Letters 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.  |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.   |
| LEGAL NAME OF INVENTOR  |
| Inventor: Samuel TARDIF Date: ZIOT/218  |
| Signature:  |

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

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of<br>Invention   | SEMICONDUCTOR STRUCTURE INCLUDING A SUSPENDED MEMBRANE CONTAINING A CENTRAL SEGMENT OF STRUCTURED THICKNESS   |
|---|---|
| As the below name   | d inventor, I hereby declare that:  |
| This declaration 🗵  | The attached application, or  |
| is directed to:   | United States application or PCT international application number   |
| The above-identifie   | d application was made or authorized to be made by me.  |
| I believe that I am t   | he original inventor or an original joint inventor of a claimed invention in the application.   |
| (hereinafter referre<br>Paris, 75015, Franc   | nmissariat A L'Energie Atomique et aux Energies Alternatives d to as "ASSIGNEE") having places of business at: <u>Batiment Le Ponant D. 25 Rue Leblanc</u> , e, is desirous of acquiring the entire right, title and interest in and to said invention and in and to hat may be granted therefore in the United States and its territorial possessions and in any and all   |
| acknowledged, and<br>said ASSIGNEE, if<br>and in all foreign co<br>other relevant Inter<br>interest in and to a | ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions pountries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof. |
| any and all foreign<br>assignee of my ent<br>(his) successors an  | ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.   |
| respecting said in<br>continuation, substi-<br>all of said Letters<br>possible to aid said                      | that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.   |
|   | dedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.   |
| LEGAL NAME OF   |   |
| Inventor: Vincen  | CALVO , Date: 28 01 238   |
| Signature:  |   |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of Invention SEMICONDUCTOR STRUCTURE INCLUDING A SUSPENDED MEMBRANE CONTAINING A CENTRAL SEGMENT OF STRUCTURED THICKNESS  |
|---|
| As the below named inventor, I hereby declare that:   |
| This declaration 🔀 The attached application, or   |
| is directed to: United States application or PCT international application number   |
| The above-identified application was made or authorized to be made by me.   |
| I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  |
| WHEREAS, Commissariat A L'Energie Atomique et aux Energies Alternatives (hereinafter referred to as "ASSIGNEE") having places of business at: <u>Batiment Le Ponant D. 25 Rue Leblanc</u> , Paris. 75015, 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, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 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 entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (bis) 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 had this Assignment and sale not been made.   |
| Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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 Letters 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.  |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.   |
| LEGAL NAME OF INVENTOR  |
| Inventor: Alexei TCHELNOKOV Date: 2807 248  |
| Signature: Auf 1A. Tchelwolea/  |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 046780 FRAME: 0818

**RECORDED: 09/04/2018**