## 504733694 01/17/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4780420

| SUBMISSION TYPE:      | CORRECTIVE ASSIGNMENT   |
|-----------------------|---|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the THE RECEIVING PARTY DATA TO INCLUDE COMMISSARIAT A L'ENERGIE ATOMIQUE previously recorded on Reel 025121 Frame 0846. Assignor(s) hereby confirms the THE RECEIVING PARTY DATA SHOULD ADD: COMMISSARIAT A L'ENERGIE ATOMIQUE. |
|                       |   |

## **CONVEYING PARTY DATA**

| Name                              | Execution Date |
|-----------------------------------|----------------|
| COMMISSARIAT A L'ENERGIE ATOMIQUE | 06/08/2010     |

#### **RECEIVING PARTY DATA**

| Name:             | CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE |
|-------------------|--|
| Street Address:   | 3, RUE MICHEL ANGE                           |
| Internal Address: | CEDEX 16                                     |
| City:             | PARIS  |
| State/Country:    | FRANCE                                       |
| Postal Code:      | 75794  |
| Name:             | COMMISSARIAT A L'ENERGIE ATOMIQUE            |
| Street Address:   | 25, RUE LEBLANC, IMMEUBLE                    |
| City:             | PARIS  |
| State/Country:    | FRANCE                                       |
| Postal Code:      | 75015  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12525651 |

#### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 216-579-1700

Email: kblanchard@pearne.com
Correspondent Name: PEARNE & GORDON LLP
Address Line 1: 1801 EAST 9TH STREET

Address Line 2: SUITE 1200

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER: BRV-45626

PATENT REEL: 045084 FRAME: 0041

| NAME OF SUBMITTER:                             | AARON A. FISHMAN   |
|--|--------------------|
| SIGNATURE:                                     | /Aaron A. Fishman/ |
| DATE SIGNED:                                   | 01/17/2018         |
| Total Attachments: 3                           |                    |
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> PATENT REEL: 045084 FRAME: 0042

# Electronic Version v1.1 Stylesheet Version v1.1

**SUBMISSION TYPE: NEW ASSIGNMENT** 

NATURE OF CONVEYANCE: **ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

| Name                              | Execution Date |
|-----------------------------------|----------------|
| COMMISSARIAT A L'ENERGIE ATOMIQUE | 06/08/2010     |

#### **RECEIVING PARTY DATA**

| Name:             | CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE |
|-------------------|--|
| Street Address:   | 3, rue Michel Ange                           |
| Internal Address: | Cedex 16                                     |
| City:             | Paris  |
| State/Country:    | FRANCE                                       |
| Postal Code:      | 75794  |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12525651 |

#### **CORRESPONDENCE DATA**

Fax Number: (216)579-6073

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: kahmed@pearne.com

Jeffrey J. Sopko / Pearne & Gordon LLP Correspondent Name:

Address Line 1: 1801 East 9th Street

Address Line 2: Suite 1200

**CLEVELAND, OHIO 44114-3108** Address Line 4:

ATTORNEY DOCKET NUMBER: BRV-45626

NAME OF SUBMITTER: Jeffrey J. Sopko

Total Attachments: 2

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**PATENT** 

REEL: 045084 FRAME: 0043

501316883

REEL: 025121 FRAME: 0846 PATENT

#### ASSIGNMENT

WHEREAS, new and useful improvements and inventions have been made in

### SPIN TRANSFER TORQUE OSCILLATOR

and are the subject of United States Patent Application No. 12/525,651 filed August 3, 2009, and of PCT International Application Number PCT/EP2007/051676 with an International Filing Date of February 21, 2007, which application is further identified as Pearne & Gordon LLP Docket No.: BRV-45626.

WHEREAS, COMMISSARIAT A L'ENERGIE ATOMIQUE, a CORPORATION of France having an address at 25, Rue LeBlanc Bâtiment "Le Ponant D" 75015 PARIS FRANCE, owns an undivided one-hundred percent (100%) interest in and to said invention, said application and the patent rights therefore; and

WHEREAS, CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, a CORPORATION of France, having an address at 3, rue Michel-Ange, 75794 PARIS Cedex 16 FRANCE, hereinafter referred to as "assignee", is desirous of acquiring an undivided fifteen percent (15%) interest in and to said invention, said application and the patent rights therefore.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all of the undersigned's 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 said patent, 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 therefore, and all rights of priority resulting from the filing of said applications, 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, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment.

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:

| COMMISSARIAT A L'ENERGIE ATOMIC        | _  |
|--|--|
| Ву:                                    | Date: 8 Juse Lolo  |
| (Signature) Print Name: isabelle Toyz= |  |
| Print Title: HEAD OF INTELLECT         |  |
| Date: June 1, 2010                     | Signature of 1 <sup>st</sup> Witness  Print Name of 1 <sup>st</sup> Witness: |
| Date: Johe B, Zolo                     | Signature of 2 <sup>nd</sup> Witness: Chais Four CADE                        |