504468456 07/21/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4515158

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| MUSTAFA PINARBASI | 05/16/2016 |
| BARTEK KARDASZ | 05/16/2016 |

RECEIVING PARTY DATA

| Name: | SPIN TRANSFER TECHNOLOGIES, INC. |
|-----------------|----------------------------------|
| Street Address: | 45500 NORTHPORT LOOP WEST |
| City: | FREMONT |
| State/Country: | CALIFORNIA |
| Postal Code: | 94538 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15656398 |

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.

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Correspondent Name: ARNOLD & PORTER KAYE SCHOLER LLP Address Line 1: FIVE PALO ALTO SQUARE, SUITE 500

Address Line 2: 3000 EL CAMINO REAL

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| ATTORNEY DOCKET NUMBER: | 1058410-00050 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | JEFFREY A. MILLER |
| SIGNATURE: | /JEFFREY A. MILLER/ |
| DATE SIGNED: | 07/21/2017 |

Total Attachments: 2

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PATENT 504468456 REEL: 043065 FRAME: 0347

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by:

- Mustafa Pinarbasi, residing at 16620 Dale Hollow Court, Morgan Hill, California 95037; and
- Bartek Kardasz, residing at 4441 Valley Avenue, Apt. H, Pleasanton, California 94566

hereinafter referred to as Assignors;

WHEREAS, Assignors have invented certain new and useful improvements in

MEMORY CELL HAVING MAGNETIC TUNNEL JUNCTION AND THERMAL STABILITY ENHANCEMENT LAYER

| \boxtimes | executed concurrently herewith, | |
|-------------|---|--|
| | executed on, | |
| \boxtimes | Serial No. 62/287,994, filed on January 28, 2016, | |
| | PCT International Application No.:, filed on | |

WHEREAS, Spin Transfer Technologies, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 45500 Northport Loop West, Fremont, California 94538 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as Assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from

PATENT REEL: 043065 FRAME: 0348 the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

| Date: | 05/16/2016 | |
|-------|---|--|
| | *************************************** | |

Mustafa Pinarhasi

Date: <u>05/16/2016</u>

<u> Zarfisa y Zardalio.</u> Bartek Kard**a**sz