505042707 08/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5089458

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATORU ARAKI	08/01/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16059012

CORRESPONDENCE DATA

Fax Number: (408)938-9069

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: 408-938-9060

Email: officeaction@mhbpatents.com

Correspondent Name: SPIN TRANSFER C/O MURABITO, HAO & BARNES

Address Line 1: TWO NORTH MARKET STREET

Address Line 2: THIRD FLOOR

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	SPIN-0039-01.01US
NAME OF SUBMITTER:	ERIC GASH
SIGNATURE:	/Eric Gash/
DATE SIGNED:	08/08/2018

Total Attachments: 1

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PATENT 505042707 REEL: 046590 FRAME: 0802

Attorney Docket No.: SPIN-0039-01.01US

Assignment to Spin Transfer Technologies, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Satoru ARAKI
do hereby sell, assign, and transfer unto Spin Transfer Technologies, Inc. (hereinafter called Spin Transfer Technologies), a corporation of Delaware having its principal place of business 45500 Northport Loop West, Fremont CA 94538, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:
Three-Dimensional Arrays with Magnetic Tunnel Junction Devices Including an Annular Discontinued Free Magnetic Layer and a Planar Reference Magnetic Layer
X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or
Serial No.: flied on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;
And for the above consideration, I/we agree promptly upon request of, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Spin Transfer Technologies, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Spin Transfer Technologies.
I/we further covenant with Spin Transfer Technologies, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;
In witness whereof, I/we hereunto set my/our hand(s) and seal:
Inventor's Signature: 25 (22) Date: 8/61/2018 Satoriu ARAKI

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RECORDED: 08/08/2018