

| |
|--------------------------------------|
| PATENT ASSIGNMENT COVER SHEET |
|--------------------------------------|

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5739257

| | |
|---|--|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| UNIVERSITY OF PENNSYLVANIA | 08/28/2019 |
| RECEIVING PARTY DATA | |
| Name: | NATIONAL SCIENCE FOUNDATION |
| Street Address: | 2415 EISENHOWER AVENUE |
| Internal Address: | ROOM W 18000 |
| City: | ALEXANDRIA |
| State/Country: | VIRGINIA |
| Postal Code: | 22314 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 10390362 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)292-9041 |
| <i>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.</i> | |
| Email: | nsfpatents@nsf.gov |
| Correspondent Name: | NATIONAL SCIENCE FOUNDATION |
| Address Line 1: | 2415 EISENHOWER AVENUE |
| Address Line 2: | ROOM W 18000 |
| Address Line 4: | ALEXANDRIA, VIRGINIA 22314 |
| NAME OF SUBMITTER: | DANA THIBODEAU |
| SIGNATURE: | /DMT/ |
| DATE SIGNED: | 09/26/2019 |
| Total Attachments: 1 source=5820#page1.tif | |

License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Invention Title: Magnetically- and Electrically-Induced Variable Resistance Materials and

Method for Preparing Same

Inventor(s): I-Wei Chen, Alexander Mamchik

U.S. Filing/Issue Date: 03/17/2003

Patent or Application Serial No.: 10/390,362

Grant/Contract Number(s): 0079909, 9988853

Foreign Applications filed/intended in (countries): _____

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

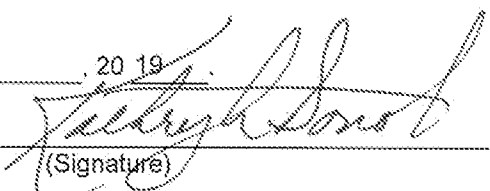
1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 28th day of August

2019

By Kathryn Donofue, Esq.
(Institutional Business Official)


(Signature)

Title Director, Legal Affairs

For UNIVERSITY OF PENNSYLVANIA

(Grantee/Contractor Organization)

At 3600 Civic Center Boulevard Floor 9 Philadelphia, PA 19104

(Business Address)