506727335 06/22/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6774151

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF WISCONSIN-MADISON	06/30/2011

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY	
Street Address:	1000 INDEPENDENCE AVE. S.W.	
City:	WASHINGTON	
State/Country:	D.C.	
Postal Code:	20585	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10902281

CORRESPONDENCE DATA

Fax Number: (630)252-2779

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: (630) 252-2137

Email: Confirmatory.License@science.doe.gov

Correspondent Name: TIMOTHY L HARNEY **Address Line 1:** 9800 S. CASS AVE

Address Line 2: IPLD

Address Line 4: LEMONT, ILLINOIS 60439

ATTORNEY DOCKET NUMBER:	10-902281 CAR
NAME OF SUBMITTER:	CYNTHIA RIDGE
SIGNATURE:	/S/CYNTHIA RIDGE
DATE SIGNED:	06/22/2021

Total Attachments: 1

source=10-902281 License#page1.tif

PATENT 506727335 REEL: 056646 FRAME: 0050

License to the United States Government

Sign and Fax this to (301) 480-0272

Invention Title: METHODS FOR FABRICATION OF THERMALLY STABLE MAGNETIC TUNNEL JUNCTIONS

Inventor(s): Y. Austin Chang, Jianhua Yang, Peter Ladwig

U.S. Filing/Issue Date: July 29, 2004

Patent or Application Serial No.: 10/902281

Grant/Contract Number(s): US Department of Energy DE-FG02-99ER45777

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 State 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 30 June, 2011,

By Michael Falk

(Name of Grantee/Contractor Official) (Signature)

Michel Julk_ (Signature)

Title General Counsel

For <u>Wisconsin Alumni Research Foundation</u> (Grantee/Contractor Organization)

At <u>614 Walnut St, Madison, WI 53726</u> (Business Address)

WARF Ref: P04250US - Chang

RECORDED: 06/22/2021

PATENT REEL: 056646 FRAME: 0051