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PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF ARIZONA	10/26/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15720399

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Invention Title: Magnetic Tunnel Junctions with Voltage Tunable Interlayer Coupling for Memory and Sensor Applications Inventor(s): Weigang Wang, Ty A Newhouse-Illige U.S. Filing/Issue Date: 09/29/2017 Patent or Application Serial No.: 15/720, 399 Grant/Contract Number(s): ECCS1310338, 1053854, DE-AC02-06CH11357, HR0011-13-3-0002 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 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 Oct 26, 2017

By Douglas M. Hockstad

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PATENT REEL: 044634 FRAME: 0494