509000796 01/30/2025

# PATENT ASSIGNMENT COVER SHEET

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

### **CONVEYING PARTY DATA**

Name	Execution Date
NORTHWESTERN UNIVERSITY	05/29/2022

#### **RECEIVING PARTY DATA**

Company Name:	NATIONAL SCIENCE FOUNDATION	
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State/Country:	VIRGINIA	
Postal Code:	22314	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17036428

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	Ms. Sarah Weyrich	
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DATE SIGNED:	01/30/2025	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 1** source=3,758#page1.tiff

PATENT 509000796 REEL: 070059 FRAME: 0300

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DUAL-GATED MEMTRANSISTOR CROSSBAR ARRAY, FABRICATING Invention Title: METHODS AND APPLICATIONS OF SAME
Inventor(s): Mark Hersam, Hong-Sub Lee, Vinod Kumar Sangwan
U.S. Filing/Issue Date: 09/29/2020
Patent or Application Serial No.: 17/036, 428
Grant/Contract Number(s): 1720139, 70NANB14H012
Foreign Applications filed/intended in (countries):
The invention identified above is a Subject Invention under <b>35 U.S.C. 200</b> , <b>et seq.</b> , and the Standard Patent Rights clause at <b>37 CFR 401.14</b> , <b>FAR 52.227-11</b> or <b>FAR 52.227-12</b> (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:
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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.
Signed this day ofMay, 20 22
By Arjan P. Quist, Ph.D. (Institutional Business Official) (Signature)
Title Senior Director of Invention Management Innovation and New Ventures Office (INVO)
For NORTHWESTERN UNIVERSITY  (Grantee/Contractor Organization)
At 633 Clark Street Evanston, IL 60208 (Business Address)

PATENT REEL: 070059 FRAME: 0301

RECORDED: 01/30/2025