

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT7355805

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UNIVERSITY OF MARYLAND	05/26/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NATIONAL SCIENCE FOUNDATION
<b>Street Address:</b>	2415 EISENHOWER AVE.
<b>City:</b>	ALEXANDRIA
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22314
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	6642539
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<b>Fax Number:</b>	
<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>	
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<b>DATE SIGNED:</b>	05/29/2022
<b>Total Attachments: 1</b>	
source=6,642,539 EPAS FOR EPAS SYSTEM#page1.tif	

**License to the United States Government**

*(Sign and submit this executed document to the United States Patent and Trademark Office – Electronic Patent Assignment System (EPAS) <http://epas.uspto.gov>)*

**Executive Order 9424: Government Support License (Government Support Clause)**

EPITAXIAL TEMPLATE AND BARRIER FOR THE INTEGRATION OF FUNCTIONAL  
Invention title: THIN FILM METAL OXIDE HETEROSTRUCTURES ON SILICON

Inventor(s): Ramamoorthy Ramesh, Darrell G. Schlom

U.S. Filing/Issue Date: 11-04-2003

Patent or Application Serial No: 6,642,539

Grant/Contract Number(s): 0080008

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:

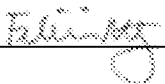
1. As required by 37 CFR 401.14 (f) (2) and Executive Order 9424:  
This invention was made with government support under Grant/Contract Number(s) 0080008 awarded by the National Science Foundation. The government has certain rights in the invention.
2. All other rights acquired by the Government by 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 26th day of May 2022

By: Felicia Metz, Esp.

**Institutional Business Official Printed Name and Title**

  
**Signature**

Title Associate Director

For University Of Maryland

**Grantee/Contractor Organization**

At

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