504680068 12/11/2017

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
ARIZONA STATE UNIVERSITY, TEMPE	12/06/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15575611

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PATENT 504680068 REEL: 044815 FRAME: 0167

License to the United States Government

(Business Address)

RECORDED: 12/11/2017

Sign and submit the executed document to the appropriate funding ag	ency (e.g. upload in iEdison).
Invention Title: An Energy Efficient, Robust Differe	ntial Mode D-Flip-Flop
Inventor(s): Sarma Vrudhula, Niranjan Kulkarni	
U.S. Filing/Issue Date: 05/23/2016	
Patent or Application Serial No.: 15/575,611	
Grant/Contract Number(s): 1237856	
Foreign Applications filed/intended in (countries):	
The invention identified above is a Subject Invention under 35 to at 37 CFR 401.14 , FAR 52.227-11 or FAR 52.227-12 (if applied tidentified grant or contract award from the United States Gov	licable) which are included among the terms of the above
United States the invention described in any patent approximations in part, and in any and all patents and re-issues.	icense to practice or have practiced for or on behalf of the plication and in any and all divisions, continuations, and use granted thereon throughout the world; and the above identified grant/contract award and the laws and
The Government is hereby granted an irrevocable power to application.	inspect and make copies of the above-identified patent
Signed this 6th day of December	er , 20 <u>17</u>
By Carlos Encinas	
(Institutional Business Official)	(Signature)
Title Assistant Director, Research Operation	ions
For ARIZONA STATE UNIVERSITY-TEMPE CAMPUS (Grantee/Contractor Organization)	
At Office of Knowledge Enterprise Development Of	ffice for Research and Sponsored Projects
Tempe, AZ 85287	

PATENT REEL: 044815 FRAME: 0168