

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5153424

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	STEVEN JEFFREY WALLACH	07/04/2018
RECEIVING PARTY DATA		
Name:	MICRON TECHNOLOGY, INC.	
Street Address:	8000 SOUTH FEDERAL WAY	
City:	BOISE	
State/Country:	IDAHO	
Postal Code:	83707	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16028930
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	campbelles@gtlaw.com	
Correspondent Name:	GREENBERG TRAURIG LLP	
Address Line 1:	77 WEST WACKER DRIVE, SUITE 3100	
Address Line 4:	CHICAGO, ILLINOIS 60601	
ATTORNEY DOCKET NUMBER:	120426-063801/US	
NAME OF SUBMITTER:	ESTHER CAMPBELL	
SIGNATURE:	/Esther Campbell/	
DATE SIGNED:	09/21/2018	
Total Attachments: 1		
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PATENT ASSIGNMENT

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, as the below named inventor of an invention entitled:

SHADOW CACHE FOR SECURING CONDITIONAL SPECULATIVE INSTRUCTION EXECUTION

which is described in:

- ☒ the attached application, or
☐ United States Patent Application Serial Number _____ filed on _____

THE UNDERSIGNED does hereby:

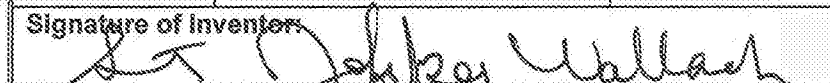
SELL, ASSIGN AND TRANSFER to Micron Technology, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 8000 South Federal Way, Boise, ID 83707, US (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America and rights to claim priority to the provisional application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the ASSIGNEE all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the ASSIGNEE shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the ASSIGNEE;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the ASSIGNEE.

Legal Name of Inventor	Last Name Wallach	First Name Steven	Middle Name Jeffrey
Residence & Citizenship	City Dallas	State & Country TX, US	Country of Citizenship US
Mailing Address	Street 3510 Turtle Creek Blvd	City Dallas	State & Zip Code TX 75219, US
Signature of Inventor 			Date: July 4, 2018