

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5488877

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KALLOL MAZUMDER	04/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICRON TECHNOLOGY, INC.
<b>Street Address:</b>	8000 S. FEDERAL WAY
<b>Internal Address:</b>	P.O. BOX 6
<b>City:</b>	BOISE
<b>State/Country:</b>	IDAHO
<b>Postal Code:</b>	83707-0006
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16392474
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)359-4461
<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>	
<b>Phone:</b>	206-359-8000
<b>Email:</b>	patentprocurement@perkinscoie.com
<b>Correspondent Name:</b>	PERKINS COIE LLP - MICRON PATENT-SEA
<b>Address Line 1:</b>	PO BOX 1247
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98111-1247
<b>ATTORNEY DOCKET NUMBER:</b>	010829-9300.US01
<b>NAME OF SUBMITTER:</b>	SAM BEARD
<b>SIGNATURE:</b>	/Sam Beard/
<b>DATE SIGNED:</b>	04/23/2019
<b>Total Attachments: 2</b>	
source=2019-04-23 Assignment as Filed (010829-9300.US01)#page1.tif	
source=2019-04-23 Assignment as Filed (010829-9300.US01)#page2.tif	

## ASSIGNMENT BY INVENTORS

This Assignment is by the following individual (the "Assignor"):

- Kallol Mazumder, having a mailing address of 8264 Mura Drive, Plano, TX 75025.

The Assignor invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled PRE-DELAY ON-DIE TERMINATION SHIFTING, naming the Assignor as inventor, and filed on April 27, 2018 as U.S. Application No. 15/965,663 (the "Application"). The Assignor authorizes the Assignee, identified below, or its representatives to insert the application number and filing date of the Application when known.

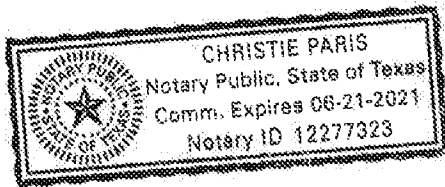
Micron Technology, Inc., a corporation of Delaware having its principal place of business at 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83707-0006 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignor warrants that Assignor owns the Rights, and that the Rights are unencumbered. Assignor also agrees to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor requests the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date: 4/23/2018

Kallol Mazumder  
Kallol Mazumder

On this 20<sup>th</sup> day of April, 2018, before me personally came Kallol Mazumder, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Christie Paris  
Notary Public