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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4578682

SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT	NEW ASSIGNMENT ASSIGNMENT		
		ASSIGNMENT			
CONVEYING PARTY	DATA				
		Name	Execution Date		
KALLOL MAZUMDER	ł		08/31/2017		
PARTHASARATHY G	AJAPATH	Y	08/31/2017		
RECEIVING PARTY I	ΟΑΤΑ				
Name:	ne: Micron Technology, Inc.				
Street Address:	8000 S	8000 S. Federal Way			
City:	Boise				
State/Country:	IDAHC)			
Postal Code:	83707-	0006			
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<u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 8000 S. Federal Way, Boise, Idaho 83707-0006, 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 is entitled "SESTEMS AND METHODS FOR FREQUENCY MODE DETECTION AND IMPLEMENTATION," and which may be further identified below; 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;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 52142 may insert additional information identifying this application below after execution of this assignment;

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, 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 (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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

Additional Application Information						
U.S. Provisional Application Serial No.	filed on					
U.S. Non-Provisional Application Serial No.	, filed on					
International Application Serial No.	; filed on					

anar (Signature):

Name: Kallol Magumder

8/31/2017 Date:

5 STATE OF In COINTY 5 BEFORE ME, the undersigned authority, on this August 20/ bersonally appeared Kallol Mazumder who proved to day of 🛫 me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscritten to in the attached instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity on behalf of which the person(s) acted, executed the instrument of his/heavitheir own, free will for the perposes and consideration therein expressed. mary or Consider Mileer CHRISTIE PARIS Notary Public, State of Texas × Page 1 of 2 Comm. Expires 06-21-2021 Notary ID 12277323

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(Signature):	ム・チューセン	C.	Oste:	08/31/2017	
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BEFORF ME, the	undersigned authority, on this $\underline{\mathcal{3}l}$	st word August	20/ Personally sors	sand Inventor who moved to m	ronske
 basis of satisfactor; 	evidence to be the person(s) whose in his/her/their authorized capacity()	umus(2) is/ane supportion?	n the attached anaroment.	and acknowledged to methot new	neverey 1
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