504749410 01/26/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATOSHI YAMANAKA	01/18/2018
TETSUAKI OKAHIRO	01/24/2018

RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.	
Street Address:	8000 SOUTH FEDERAL WAY	
City:	BOISE	
State/Country:	IDAHO	
Postal Code:	83716-9632	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15881200

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P269707US01
NAME OF SUBMITTER:	KIMTON ENG
SIGNATURE:	/Kimton Eng/
DATE SIGNED:	01/26/2018

Total Attachments: 3

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PATENT 504749410 REEL: 044742 FRAME: 0169

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Satoshi Yamanaka and Tetsuaki
Okahiro

Filed: Concurrently herewith

For: APPARATUSES AND METHODS
FOR PROVIDING DRIVING
SIGNALS IN SEMICONDUCTOR
DEVICES

Docket No. P269707.US.01

Disclosure No. 2017-0813.00/US

ASSIGNMENT:

<u>X</u>	Enclosed for recording
	Previously recorded
Date:	· · · · · · · · · · · · · · · · · · ·
Reel:	

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 Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, 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 and is entitled "APPARATUSES AND METHODS FOR PROVIDING DRIVING SIGNALS IN SEMICONDUCTOR DEVICES"; 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;

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

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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.

Signature: <u>Ataki Yananaka</u>	Date:
Assignor Name: Satoshi Yamanaka	
Witness # 1: Signature: Masayoshi Yamazaki Witness Name: Masayoshi Yamazaki	Date: 1/18/2018
Witness # 2: Signature: Signature: Shoko Tomita	Date: 0/- 18-2018

Signature: Telemaki Okahiro Assignor Name: Tetsuaki Okahiro	Date: 2018/1/24
Witness # 1: Signature:	Date: 2019/1/24,
Witness # 2: Signature: 4 Conta	Date: 0/-34-2018