504267782 03/10/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
			Name		Execution Dat	te
MAKOTO SATO					03/10/2017	
RYOTA SUZUKI					03/08/2017	
RECEIVING PARTY	ΑΤΑ					
Name:	MICRO		CHNOLOGY, INC.			
Street Address:	8000 S	OUTH	H FEDERAL WAY			
Internal Address:	MS 1-5	525				
City:	BOISE					
State/Country:	IDAHO)				
Postal Code:	83716					
Application Number:		15456	6254			
Property Typ			Number			
		10400	0204			
CORRESPONDENCE	DATA					
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Email:		docke	eting@wellsstjohn.com			
Correspondent Name	:		LS ST. JOHN, P.S.			
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ATTORNEY DOCKET NUMBER: MI22-615			MI22-6158			
NAME OF SUBMITTER:			CHERYL A. THOMPSON			
SIGNATURE:			/Cheryl A. Thompson/			
DATE SIGNED:			03/10/2017			
Total Attachments: 5						
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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Makoto Sato c/o Micron Memory Japan 2-1, Yaesu 2-chome, Chuo-ku Tokyo,104-0028 Japan

Ryota Suzuki c/o Micron Memory Japan 2-1, Yaesu 2-chome, Chuo-ku 104-0028 Tokyo Japan

ASSIGNEE:

Micron Technology, Inc. MS 1-525 8000 South Federal Way Boise, ID 83716 United States

BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled Assemblies Having Shield Lines of an Upper Wiring Layer Electrically Coupled with Shield Lines of a Lower Wiring Layer.

Micron Technology, Inc. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with

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PATENT REEL: 041545 FRAME: 0186

respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these present do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any patent application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to

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file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: March 10, 2017 Signature: Makoto Sato Makoto Sato

On this day before me personally appeared Makoto Sato, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

Witness	Name (print		<u>hi Yamazaki</u>
Witness	Signature: _	Masmycsia	Yamaanka
Date:	2017.	03.10	

Witness	Name (prin	ited):	Shoko	Tomita	1
Witness	Signature:	Abb	<u>ko B</u>	mula	
Date:		8/10	1201,	2	<u></u>

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Dated:	March	8 20	12
Dates.	Sugar Hacking Solling	and the stand the second stars	minin

Signature: <u>Ryota dagaki</u> Ryota Suzuki

On this day before me personally appeared Ryota Suzuki, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

Witness	Name (printe	ed):	Masayo	shi Y	'amaz	aki
Witness	Signature: _	Marsai	<u>10411 ~</u>	ana	<u>zak (</u>	60000000
Date:	2017.	03.08				

Witness Name (prin	ted): <u>Shoko</u>	o Tomita	
Witness Signature:		Sante	
Date:	3/8/	2017	

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RECORDED: 03/10/2017