

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHIGEKAZU YAMADA	12/21/2007
TOMOHARU TANAKA	12/21/2007
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:	16036578
CORRESPONDENCE DATA	
Fax Number:	(206)299-9288
<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>	
Phone:	206-903-8800
Email:	ip.docket.se@dorsey.com
Correspondent Name:	DORSEY & WHITNEY LLP-IP DEPT.-MTI
Address Line 1:	COLUMBIA CENTER
Address Line 2:	701 5TH AVENUE, SUITE 6100
Address Line 4:	SEATTLE, WASHINGTON 98104-7043
ATTORNEY DOCKET NUMBER:	P189724US05
NAME OF SUBMITTER:	MICHAEL S. CORDRAY
SIGNATURE:	/Michael S. Cordray, Patent Agent/
DATE SIGNED:	07/16/2018
Total Attachments: 3	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Shigekazu Yamada and Tomoharu
Tanaka

Filed : Concurrently herewith

For : SEMICONDUCTOR MEMORY
COLUMN DECODER DEVICE AND
METHOD

Docket No. 189724/US

Disclosure No. 2006-1179

A S S I G N M E N T :

X Enclosed for recording
 Previously recorded

Date: _____

Reel: _____

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

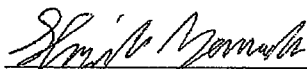
SELL, ASSIGN AND TRANSFER to **Micron Technology, Inc.** (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "**SEMICONDUCTOR MEMORY COLUMN DECODER DEVICE AND METHOD**"; 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;

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.

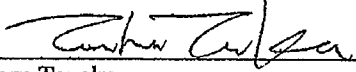

Shigekazu Yamada

Date: 12/21/2007

I have satisfactory evidence that Shigekazu Yamada is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 12/21/2007

Witness Name Koichi Kawai
Koichi KAWAI


Tomoharu Tanaka

Date: 12/21/2007

I have satisfactory evidence that Tomoharu Tanaka is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 12/21/2007

Witness Name 
Koichi KAWAI

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