505625836 08/16/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5672639

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
POORNA KALE	06/20/2019
CHRISTOPHER JOSEPH BUEB	06/20/2019
TAUFIQUE MURAD AHMED	06/21/2019
SVEN LEHSTEN	06/21/2019

### **RECEIVING PARTY DATA**

Name:	MICRON TECHNOLOGY, INC.
Street Address: 8000 SOUTH FEDERAL WAY	
City:	BOISE
State/Country:	IDAHO
Postal Code:	83707

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16452333

# CORRESPONDENCE DATA

**Fax Number:** (415)707-2010

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.

**Phone:** 4156551257

Email: heymannm@gtlaw.com
Correspondent Name: MICHELLE HEYMANN

Address Line 1: GREENBERG TRAURIG, LLP

Address Line 2: 77 WEST WACKER DRIVE, SUITE 3100

Address Line 4: CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	120426-074800/US
NAME OF SUBMITTER:	MICHELLE HEYMANN
SIGNATURE:	/MICHELLE HEYMANN/
DATE SIGNED:	08/16/2019

# **Total Attachments: 5**

source=120426-074800\_Assignment\_SIGNED#page1.tif source=120426-074800\_Assignment\_SIGNED#page2.tif

PATENT 505625836 REEL: 050075 FRAME: 0975

source=120426-074800\_Assignment\_SIGNED#page3.tif source=120426-074800\_Assignment\_SIGNED#page4.tif source=120426-074800\_Assignment\_SIGNED#page5.tif

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, as the below named inventor of an invention entitled:

### AGGREGATION AND VIRTUALIZATION OF SOLID STATE DRIVES

well beele	is described in:	
WHILE	is described in.	

in the attached application, or

United States Patent Application Serial Number \_ filed on \_\_,

THE UNDERSIGNED does hereby:

SELL. ASSIGN AND TRANSFER to Micron Technology, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 8000 South Federal Way. Boise, ID 83707, US (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries, 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; 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.

Legal Name of Inventor	Last Name Kale	First Name Poorna	Middle Name
Residence & Citizenship	City Folsom	State & Country Country of Citizenship CA, US US	
Mailing Address	Street 367 Longhorn Rd.	City Folsom	State & Zip Code CA 95630, US
Signature of Inv	entor: //www	Di	ite: 6/20/19

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, as the below named inventor of an invention entitled:

# AGGREGATION AND VIRTUALIZATION OF SOLID STATE DRIVES

and the in	described	4-6-2
WHICH IS	CHESCHIPEL	3 183

I the attached application, or

☐ United States Patent Application Serial Number \_ filed on \_\_,

THE UNDERSIGNED does hereby:

SELL, ASSIGN AND TRANSFER to Micron Tectnology, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 8000 South Federal Way. Boise, ID 83707, US (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries, 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; 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.

Legal Name of Inventor	Last Name	First Name	Middle Name
	Bueb	Christopher	Joseph
Residence	City	State & Country	Country of Citizenship
& Citizenship	Folsom	CA, US	US
Mailing	Street	City	State & Zip Code
Address	249 Randall Drive	Folsom	CA 95630, US
Signature of Inventor:  Chrosoft Graph Back 6/20/2019			

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, as the below named inventor of an invention entitled:

### AGGREGATION AND VIRTUALIZATION OF SOLID STATE DRIVES

which is d	tesc	ribed in:
8	Z	the attached application, or
۵	כ	United States Patent Application Serial Number filed on,

THE UNDERSIGNED does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 8000 South Federal Way. Boise, ID 83707, US (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries, 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: 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.

Legal Name	Last Name	First Name	Middle Name
of Inventor	Ahmed	Taufique	Murad
Residence & Citizenship	City Folsom	State & Country CA, US	Country of Citizenship US
Mailing Address	Street 113 Diggins Drive	City Folsom	State & Zip Code CA 95630, US
Signature of Inventor:  Date:  06/2/19			

TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, as the below named inventor of an invention entitled:

## AGGREGATION AND VIRTUALIZATION OF SOLID STATE DRIVES

4 . 4		1 11		
which	15	descri	ned.	1111
TY LILL VIL	LC1	11400411	ひゃい	1,23

Ø	the	attached	application,	or

☐ United States Patent Application Serial Number \_\_filed on \_\_,

### THE UNDERSIGNED does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology. Inc., a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 8000 South Federal Way, Boise, ID 83707, US (hereinafter referred to as ASSIGNEE), which is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries, 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; 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.

Legal Name	Last Name	First Name	Middle Name
of Inventor	Lehsten	Sven	
Residence	City & State/Region	Country	Country of Citizenship
& Citizenship	Munich	DE	DE
Mailing	Street Am Hartmannshofer Bachl 10	City & State/Region	Postal Code & Country
Address		Munich	80997, DE

WITNESS 1: Trang Name 1 Signature

WITNESS 2: BETTINA SCHULER
Printed Name

**RECORDED: 08/16/2019**