PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6874239

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUANE LI	08/06/2021
FANGFANG ZHU	08/18/2021
JASON DUONG	08/06/2021
CHIH-KUO KAO	08/06/2021
JIANGLI ZHU	08/06/2021

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:	17445478

CORRESPONDENCE DATA

Fax Number:

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.

Email:smacdonald@lowenstein.comCorrespondent Name:LOWENSTEIN SANDLER LLPAddress Line 1:ONE LOWENSTEIN DRIVE

Address Line 4: ROSELAND, NEW JERSEY 07068

ATTORNEY DOCKET NUMBER:	34300.1046 (L1046)
NAME OF SUBMITTER:	OLAWALE O.C. OTEGBADE, REG NO. 72,206
SIGNATURE:	/Olawale O.C. Otegbade/
DATE SIGNED:	08/19/2021

Total Attachments: 9

source=34300-1046-L1046 Assignment Filed 08-19-2021#page1.tif source=34300-1046-L1046 Assignment Filed 08-19-2021#page2.tif

PATENT REEL: 057235 FRAME: 0488

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Client Ref. No. 2021-0630.00/US Attorney Docket No.: 34300.1046 (L1046)

ASSIGNMENT OF PATENT APPLICATION For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Juane Li. Fangfang Zhu, Jason Duong, Chih-Kuo Kao, and hereby sell, assign, and transfer to Micron Technology, Inc. of <u>Dela</u>ware a corporation (Type of Assignee: e.g., corporation, company, partnership, university, etc.) having a principal place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled REDUCE READ COMMAND LATENCY IN PARTITION COMMAND SCHEDULING AT A MEMORY DEVICE said patent application also identified as follows (when known): [I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.] United States Patent Application Number 17/445,478 filed August 19, 2021 and in and to said application (provisional or non-provisional) and all provisional applications, nonprovisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application and all rights to claim priority to said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and

legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

08/06/20ユ Date	Juane Li
Date	Fangfang Zhu
Date	Jason Duong
Date	Chih-Kuo Kao
Date	Jiangli Zhu

- See

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ASSIGNMENT OF PATENT APPLICATION

For good and valuable considerate	tion, the receipt and sufficiency of which is hereby
acknowledged, I/we, the undersigned,	luane Li, Fangfang Zhu, Jason Duong, Chih-Kuo Kao, and
Jiangli Zhu	,
hereby sell, assign, and transfer to <u>Mic</u>	cron Technology, Inc.
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, p.	of <u>Delaware</u> ,
	8000 South Federal Way, Boise, Idaho 83716-9632,
("Assignee"), and its successors, assigns	s, and legal representatives, the entire right, title, and intere

REDUCE READ COMMAND LATENCY IN PARTITION COMMAND SCHEDULING AT A MEMORY DEVICE

for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

Jnited States Patent Application Number	17/445,478	filed	August 19, 2021	

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application and all rights to claim priority to said United States application:

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

Client Ref. No. 2021-0630.00/US

Attorney Docket No.: 34300.1046 (L1046)

assignme conveyed	nt, grant, mortgage, license	, its successors, assigns, and legal represe, or other agreement affecting the rights by the undersigned, and that full right to be undersigned.	s and property herein
	Each Inventor: Please	Sign and Date Below:	
	Date	Juane Li	
	8/18/2021	Fanglang Zhu	
	Date	Fangfang Zhu	
	Date	Jason Duong	
	Date	Chih-Kuo Kao	
		11. 15.71	
	Date	Jiangli Zhu	
		2	

Attorney Docket No.: 34300.1046 (L1046)

Each Invent	or: Please <u>Sign and Date</u> Below:	
 Date	Juane Li	• • • • • • • • • • • • • • • • • • • •
Date	oddiic Li	
Date	Fangfang Zhu	
Aug 6	2021 /11/1/ Jason Dugng	
Date	Chih-Kuo Kao	
Date	Jiangli Zhu	

legal representatives; and

A	SSIGNMENT OF PATENT APPLICATION
	For good and valuable consideration, the receipt and sufficiency of which is hereby
	acknowledged, I/we, the undersigned, <u>Juane Li, Fangfang Zhu, Jason Duong, Chih-Kuo Kao, and</u>
	Jiangli Zhu
	hereby sell, assign, and transfer to <u>Micron Technology, Inc.</u>
	a corporation of <u>Delaware</u> ,
	(Type of Assignee: e.g., corporation, company, partnership, university, etc.)
	having a principal place of business at 8000 South Federal Way, Boise, Idaho 83716-9632,
	("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled
	REDUCE READ COMMAND LATENCY IN PARTITION COMMAND SCHEDULING AT A MEMORY DEVICE
	said patent application also identified as follows (when known):
	[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]
	United States Patent Application Number <u>17/445,478</u> filed August 19, 2021 ,
	and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filled in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application and all rights to claim priority to said United States application;
	agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or

improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and

assignmer conveyed	nant with said Assignee, its successors, assigns, and legal representatives that no grant, mortgage, license, or other agreement affecting the rights and property herein s been made to others by the undersigned, and that full right to convey the same as ssed is possessed by the undersigned.		
	Each Inventor: Please §	Sign and Date Below:	
	Date	Juane Li	
	Date	Fangfang Zhu	
	Date	Jason Duong	
	8(6)>01 Date	Chih-Kuo Kao	
	Date	Jiangli Zhu	

(21)	5hr Nei, No. 2021 0000.33000
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	For good and valuable consideration, the receipt and sufficiency of which is hereby
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	Jiangli Zhu
	hereby sell, assign, and transfer to <u>Micron Technology, Inc.</u>
	a <u>corporation</u> of <u>Delaware</u>
	(Type of Assignee: e.g., corporation, company, partnership, university, etc.)
	having a principal place of business at <u>8000 South Federal Way, Boise, Idaho 83716-9632</u>
	("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled
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	[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]
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	and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on ar of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application and all rights to claim priority to said United States application;
	agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

Attorney Docket No.: 34300.1046 (L1046)

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Each Inventor: Please	e <u>Sign and Date</u> Below:	
Date	Juane Li	
Date	Fangfang Zhu	
Date	Jason Duong	•
Date	Chih-Kuo Kao	
$\frac{8/6/2\omega1}{\text{Date}}$	Jiangli Zhu	