## 506909193 10/06/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PAUL STONELAKE	09/20/2019
HORIA C. SIMIONESCU	09/20/2019
SAMIR MITTAL	09/20/2019
ROBERT M. WALKER	09/24/2019
ANIRBAN RAY	09/20/2019
GURPREET ANAND	09/20/2019

## **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:	17450124

### **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 SANLDER LLPAddress Line 1:ONE LOWENSTEIN DRIVE

Address Line 4: ROSELAND, NEW JERSEY 07068

ATTORNEY DOCKET NUMBER: 34300.1302 (L0087C)	
NAME OF SUBMITTER: PAUL M. KRUEGER, REG. 64,944	
SIGNATURE: /Paul M. Krueger/	
<b>DATE SIGNED:</b> 10/06/2021	

**Total Attachments: 4** 

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 A	SSIGNMENT OF PATENT APPLICATION Attorney Docket No.: 34300.87 (L0087Z)
<b>m</b>	
	For good and valuable consideration, the receipt and sufficiency of which is hereby
	acknowledged, I/we, the undersigned, Paul STONELAKE, Horia C. SIMIONESCU, Samir MITTAL.
	Robert M. WALKER, Anirban RAY and Gurpreet ANAND
	hereby sell, assign, and transfer to <u>Micron Technology, Inc.</u>
	a <u>corporation</u> of <u>Delaware</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 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
	CACHE OPERATIONS IN A HYBRID DUAL IN-LINE MEMORY MODULE
	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 62/732 191 filed September 17, 2018 and
	United States Patent Application Number <u>16/573,305</u> filed <u>September 17, 2019</u> .
	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 an 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

Attorney Docket No.: 34300.87 (L0087Z)

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.

Date Paul STONELAKE

9/20/19

Date Horia C. SIMIONESCU

9/20/19

Date Samir MITTAL

9/20/19

Date Robert M. WALKER

9/20/19

Accident

Anirban RAY

Each Inventor: Please Sign and Date Below:

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ASSIGNMENT OF PATENT APPLICATION	Name Carlot \$1a 25200 07 0 00577.
For good and valuable consideration, the rece	
acknowledged, I/we, the undersigned, Paul STON	
Robert M. WALKER, Anirban RAY and Gurpreet ANA	
hereby sell, assign, and transfer to <u>Micron Techno</u>	logy, Inc.
a corporation	of <u>Delaware</u>
a <u>Corporation</u> (Type of Assignee le.g. corporation, company, partnership, univ	ersity, etc.)
having a principal place of business at <u>8000 South</u>	Federal Way, Boise, Idaho 83716-9632.
("Assignee"), and its successors, assigns, and legal r for the United States and all foreign countries, in and are disclosed in the application (provisional or non-pr have a declaration executed by the undersigned prior	to any and all inventions or improvements that ovisional) for the United States patent which may
CACHE OPERATIONS IN A HYBRID I	DUAL IN-LINE MEMORY MODULE
said patent application also identified as follows (whe	n known):
[I/we hereby authorize an attorney or agent for number and filing date of said patent applicat	or said Assignee to insert below the application ion when known.]
United States Patent Application Number <u>62/732.1</u>	91filedSeptember 17, 2018_and
United States Patent Application Number <u>16/573,3</u>	05 filed <u>September 17, 2019</u> .
and in and to said application (provisional or non-proving provisional applications, utility applications, design applications, continued prosecution applications, continued prosecution applications, continued prosecution applications, continued prosecution applications, renewal applications, reissue application patent applications that have been or shall be filed in of said inventions or improvements; and in certificates, and extensions, that have been or shall be countries on said inventions or improvements; and in of said United States application and all rights to claim	oplications, divisional applications, continuation tinuation-in-part applications, substitute as, reexaminations, extensions, and all other the United States and all foreign countries on amoriginal patents, reissued patents, reexamination are issued in the United States and all foreign and to all rights of priority resulting from the filing
agree that said Assignee may apply for and re improvements in its own name; and that, when reque said Assignee, its successors, assigns, and legal repr and purpose of this Assignment, the undersigned will provisional applications, utility applications, design ap applications, continued prosecution applications, continued prosecution, reissue applications.	resentatives, to carry out in good faith the intent execute all provisional applications, non- plications, divisional applications, continuation tinuation-in-part applications, substitute

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

representatives in securing and maintaining proper patent protection for said inventions or

improvements and the history thereof, and generally assist said Assignee, its successors, assigns, or

improvements and for vesting title to said inventions or improvements, and all applications for patents

Attorney Docket No.: 34300.87 (L0087Z) 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 properly 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: Paul STONELAKE Date Date Horia C. SIMIONESCU Samir MITTAL Date Date Anirban RAY Date Gurpreet ANAND Date

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