507800425 03/15/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7847555

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMITAVA MAJUMDAR	02/01/2023
ANANDHAVEL NAGENDRAKUMAR	02/02/2023
MOHAMMED EBRAHIM HARGAN	02/01/2023
SCOTT GARNER	02/01/2023
DANILO CARACCIO	02/03/2023
DANIELE BALLUCHI	02/01/2023
CHIA WEI CHANG	02/01/2023
ANKUSH LAL	02/01/2023

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:	18121874

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.

Phone: 6126599340 Email: kluever@bipl.net

BROOKS, CAMERON & HUEBSCH, PLLC **Correspondent Name:**

Address Line 1: 1201 MARQUETTE AVENUE SOUTH, SUITE 400

Address Line 4: MINNEAPOLIS, MINNESOTA 55403

ATTORNEY DOCKET NUMBER:	1026.0520001[21141207US2]	
NAME OF SUBMITTER:	KORY J. KOTRBA	
SIGNATURE:	/Kory J. Kotrba/	

PATENT REEL: 062990 FRAME: 0579 507800425

DATE SIGNED: 03/15/2023

Total Attachments: 9

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PATENT REEL: 062990 FRAME: 0580

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does 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 the following applications for Patent:

US Patent Application Number 63/319,815, which was filed on March 15, 2022, is entitled "ROW HAMMER TELEMETRY";

US Patent App	lication Number	18/121,874	, v	which was filed	on
March 15, 2023	, is entitled '	'ROW HA	MMER T	ELEMETRY",	and currentl
corresponds to attorne	y docket number	1026.0520	0001[2021]	[41207-US-2];	

and, for the United States and all other countries, in and to all improvements that are disclosed in such application or applications, and all divisional, continuing, substitute, renewal, reissue, provisional 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 any corresponding or equivalent applications in any and all countries, and specifically including all rights to claim priority under all United States domestic laws, International Convention(s), and Treaties in the name of the Assignee;

AUTHORIZE AND REQUEST the Assignee or its designee, including the attorneys of record, to insert hereinabove the filing date(s) and application number(s) of such application or applications when known;

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 right and property herein conveyed has been or will be made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

PATENT REEL: 062990 FRAME: 0581

Page 2 of 9

ASSIGNMENT Attorney Docket No.: 1026.052999P[2021141207-US]

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 improvement 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Amitava Majumdar

Date: 02/01/2023

Date: 02/01/2023

ASSIGNMENT Page 3 of 9

Attorney Docket No.: 1026.052999P[2021141207-US]

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 improvement 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Swelf	Date:	February 02, 2023	
Anandhavel Nagendrakumar			

ASSIGNMENT

Page 4 of 9

Attorney Docket No.: 1026.052999P[2021141207-US]

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 improvement in the Assignee;

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

401 40000

Date: 2/1/2023

Mohammed Ebrahim Hargan

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 improvement in the Assignee;

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4 of Jen	Date:	2/1/2023
Scott Garner	***************************************	

Attorney Docket No.: 1026.052999Pf2021141207-US1

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 improvement 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.

WITNESS 1:

ANCELO ALBERTO ROVELL!

Printed Name

2023 - 92 - 03

Date

WITNESS 2:

FEDERICA CRESC!

Printed Name

02/03/2023

Date

Date

Attorney Docket No.: 1026.052999P[2021141207-US]

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Divided Sollaw Daniele Ballucin	Date: 2023 Feb. 1 4
WITNESS 1: HASSIMURUO PARRIARUA	Signature
Printed Name	Signature Signature
01/FGB/2013 Date	
WITNESS 2:	
NICOLA CORNA	leune Mele
Printed Name	Signature
01/02/2023	

ASSIGNMENT Attorney Docket No.: 1026.052999P[2021141207-US]

Page 8 of 9

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 improvement in the Assignee;

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Chia Wei Chang

Date: $0^2/01/2023$

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Ankush La