

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6019664

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MUHAMMAD SARWAR	03/02/2020
VYANKATESH GUPTA	02/28/2020
JAMES MCCLAY	03/02/2020
SUNDAR CHETLUR	03/12/2020
HARIANTO WONG	03/11/2020
RECEIVING PARTY DATA	
Name:	ALLEGRO MICROSYSTEMS, LLC
Street Address:	955 PERIMETER ROAD
City:	MANCHESTER
State/Country:	NEW HAMPSHIRE
Postal Code:	03103-3353
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16822119
CORRESPONDENCE DATA	
Fax Number:	(781)401-9966
<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:	781-401-9988
Email:	pam@dc-m.com
Correspondent Name:	DALY, CROWLEY, MOFFORD & DURKEE, LLP
Address Line 1:	ONE UNIVERSITY AVENUE
Address Line 2:	SUITE 201B
Address Line 4:	WESTWOOD, MASSACHUSETTS 02090
ATTORNEY DOCKET NUMBER:	ALLEG-815PUS
NAME OF SUBMITTER:	KIRIL O. DIMOV
SIGNATURE:	/Kiril O. Dimov/
DATE SIGNED:	03/18/2020
Total Attachments: 7	

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ASSIGNMENT

Whereas I/we, Muhammad Sarwar, Vyankatesh Gupta, James McClay, Sundar Chethur and Harianto Wong, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: METHOD AND APPARATUS FOR ELIMINATING EEPROM BIT-DISTURB, identified as Attorney Docket No. ALLEG-815PUS, and Client Case No. A-2704, which application was executed on 3-2-20, 3-27-20, 3-2-20, 3-12-20, 3-17-20, and filed on 3-13-20 and assigned Application No. 16,822,119. In the event that the execution date, filing date, and/or Application No. are not entered above at the time this document is executed, and if such information is deemed necessary, we hereby authorize and request our attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, One University Avenue, Suite 201B, Westwood, MA 02090, to insert above the execution date, filing date, and/or Application No. of said application.

Whereas, Allegro MicroSystems, LLC, a Delaware limited liability company having a place of business at 955 Perimeter Road, Manchester, New Hampshire 03103-3353, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which I/we, Muhammad Sarwar, Vyankatesh Gupta, James McClay, Sundar Chethur and Harianto Wong, hereby acknowledge, I/we each hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, PCT, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives, assigns, and successors, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, assigns, and successors if

this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives, assigns, or successors which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries;

In testimony of which I/we have each executed this Assignment on the date indicated next to our name(s).

Dated: 3/2/2020

Hossain
Muhammad Sarwar


On this 2 day of March, 2020, before me appeared Muhammad Sarwar,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.

[Signature]
First Witness Signature
James McClay
First Witness Printed Name

On this 2 day of March, 2020, before me appeared Muhammad Sarwar,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.


[Signature]
Second Witness Signature
Domenico Lombardi
Second Witness Printed Name

Dated: 2/28/2020



Vyankatesh Gupta

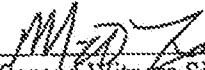
On this 28 day of Feb, 2020, before me appeared Vyankatesh Gupta,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



First Witness Signature
Muhammad Sanjar

First Witness Printed Name

On this 28 day of Feb, 2020, before me appeared Vyankatesh Gupta,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



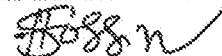
Second Witness Signature
Maurice L. Santagata

Second Witness Printed Name


Dated: 3/2/2020


James McClay

On this 2 day of MARCH, 2020, before me appeared James McClay,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.


First Witness Signature,
Muhammad Sarwar
First Witness Printed Name

On this 2 day of MARCH, 2020, before me appeared James McClay,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.


Second Witness Signature,
Denise L. Hubbard
Second Witness Printed Name

Dated: 3/12/2020

[Signature]
Sundar Chethur

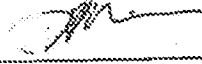
On this 12 day of March, 2020 before me appeared Sundar Chethur,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.

[Signature]
First Witness Signature
Karthick Thiagarajan
First Witness Printed Name

On this 15 day of March, 2020, before me appeared Sundar Chethur,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.

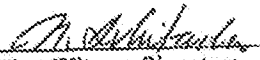
[Signature]
Second Witness Signature
Sebastian Costello
Second Witness Printed Name

Dated: MARCH 11, 2020



Harianto Wong

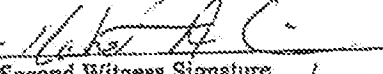
On this 11th day of March, 2020, before me appeared Harianto Wong,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



First Witness Signature
Nobuyuki Ishibashi

First Witness Printed Name

On this 11 day of March, 2020, before me appeared Harianto Wong,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



Second Witness Signature
Robert A. Wilson

Second Witness Printed Name