

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7633612

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHIXI LOUIS LIU	11/04/2022
ROBERT A. BRIANO	11/07/2022
NATASHA HEALEY	11/07/2022
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:	18053480
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:	7814019988
Email:	mlf@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-945BUS
NAME OF SUBMITTER:	JUDITH C. CROWLEY
SIGNATURE:	/Judith C. Crowley/
DATE SIGNED:	11/08/2022
Total Attachments: 5	
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A S S I G N M E N T

Whereas I/we, Shixi Louis Liu, Robert A. Briano and Natasha Healey, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: PACKAGED CURRENT SENSOR INTEGRATED CIRCUIT, identified as Attorney Docket No. ALLEG-945BUS, and Client Case No. A-2979, which application was executed on 11/4/2022, 11/7/2022, 11/7/2022, and filed on 11/8/2022, and assigned Application No. 18/053,480. 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 the 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, Shixi Louis Liu, Robert A. Briano and Natasha Healey, and 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

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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).

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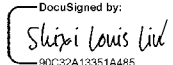
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Dated: 11/4/2022 _____

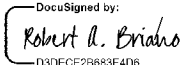
/  _____
Shixi Louis Liu

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Atty. Dckt. No.: ALLEG-945BUS

Client Case No.: A-2979

Dated: 11/7/2022 _____

/  _____
Robert A. Briano

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Atty. Dckt. No.: ALLEG-945BUS

Client Case No.: A-2979

Dated: 11/7/2022 _____

DocuSigned by:
/ *Natasha Healey* /
EB634D719D06482

Natasha Healey

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