PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3899082

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PABLO CAMPIGLIO	05/26/2016
BRYAN CADUGAN	05/26/2016
ALLEGRO MICROSYSTEMS EUROPE LIMITED	05/26/2016

RECEIVING PARTY DATA

Name:	ALLEGRO MICROSYSTEMS, LLC	
Street Address:	115 NORTHEAST CUTOFF	
City:	WORCESTER	
State/Country:	MASSACHUSETTS	
Postal Code:	01606	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15165322

CORRESPONDENCE DATA

Fax Number: (781)401-9966

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 781-401-9988 **Email:** led@dc-m.com

Correspondent Name: DALY, CROWLEY, MOFFORD & DURKEE, LLP

Address Line 1: 354A TURNPIKE STREET

Address Line 2: SUITE 301A

Address Line 4: CANTON, MASSACHUSETTS 02021

ATTORNEY DOCKET NUMBER:	ALLEG-522AUS	
NAME OF SUBMITTER:	KERMIT ROBINSON	
SIGNATURE:	/Kermit Robinson/	
DATE SIGNED:	06/01/2016	

Total Attachments: 10

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ASSIGNMENT

Whereas Allegro MicroSystems Europe Limited, a company registered in England and having a place of business at Melita House, 124 Bridge Road, Chertsey Surrey KT16 8LH United Kingdom may have certain rights in the above identified inventions or discoveries;

Whereas, Allegro MicroSystems, LLC, a Delaware limited liability company having a place of business at 115 Northeast Cutoff, Worcester, Massachusetts 01606, 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 we, Paolo Campiglio and Bryan Cadugan, and Allegro MicroSystems Europe Limited by signature of Stephenie Adams hereby acknowledge, 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, reexamination 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;
- 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 Assignce, 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

PATENT ASSIGNMENT Atty, Dokt. No.: ALLEG-522AUS

Client Case No.: A-2418

anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignce 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 Assignes; 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:
- Warrant that Stephenie Adams, Commercial Director of Allegro MicroSystems Europe Limited, is authorized to act on behalf of, and to bind Allegro MicroSystems Europe Limited.

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

PATENT

REEL: 038777 FRAME: 0834

PATENT ASSIGNMENT Atty, Dokt. No.: ALLEG-522AUS Client Case No.: A-2418

Dated: <u>16:05.1a</u> 4.£	Pablo Campiglio
On this <u>\$6</u> day of <u>\$5</u>	No. , before me appeared Paolo Campiglio,
to me known and known to me to be the perso	n described in and who executed the foregoing
instrument, and he or she acknowledged the s	ame to be his or her tree act and over.
	Mudada
	First Witness Signature
	WOWAE.
	First Witness Printed Name
On this <u>44</u> day of <u>QC</u>	<u>Zadá</u> , before me appeared Paolo Campiglio,
in me known and known to me to be the perso	n described in and who executed the foregoing
instrument, and he or she acknowledged the s	ame to be his or her free act and deed.
·	
	Second Witness Signature
	PA-Van
	Second Witness Printed Name

PATENT ASSIGNMENT Atty, Dckt. No.: ALLEG-522AUS Client Case No.: A-2418

Dated: 26,05.16	
1/8tCt/-	Bryan Cadugan
On this 26 day of 3	<u>ൂറ്റ്</u> , before me appeared Bryan Cadugan,
to me known and known to me to be the pers	on described in and who executed the foregoing
instrument, and he or she acknowledged the s	zame to be his or her free act and deed.
	War war was a second of the se
	First Will Mas Signature VACINACE:
	First Witness Printed Name
2003	OLC before me appeared Bryan Cadugan, on described in and who executed the foregoing ame to be his or her free sot and deed. Second Witness Signature Second Witness Printed Name
	A .

PATENT ASSIGNMENT Atty, Dokt. No.: ALLEG-522AUS Client Case No.: A-2418

Datet: minimummummummmmmmmmmmmmmmmmmmmmmmmmmmm	Allegro MicroSystems Rurope Limited By: Stephenie Adams In her capacity as Commercial Director of Allegro MicroSystems Europe Limited
On this day of	, before me appeared Stephenie Adams, erson described in and who executed the foregoing se to be her free act and deed.
	First Witness Signature
	First Witness Printed Name
On this day of by to me known and known to me to be the pe instrument, and she acknowledged the sam	
	Second Witness Signature
	Sacand Witness Printed Name

518257

ASSIGNMENT

Whereas Allegro MicroSystems Europe Limited, a company registered in England and having a place of business at Melita House, 124 Bridge Road, Chertsey Surrey KT16 8LH United Kingdom may have certain rights in the above identified inventions or discoveries;

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- 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;
- 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



PATENT ASSIGNMENT Atty, Dokt. No.: ALLEG-522AUS

Client Case No.: A-2418

anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignce 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:
- Warrant that Stephenie Adams, Commercial Director of Allegro MicroSystems Europe Limited, is authorized to act on behalf of, and to bind Allegro MicroSystems Europe Limited.

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



PATENT ASSIGNMENT Atty, Dokt. No.: ALLEG-522AUS Client Case No.: A-2418



PATENT ASSIGNMENT Atty. Dckt. No.: ALLEG-522AUS Client Case No.: A-2418

Dated:	
	Bryan Cadugan
On this day of	, before me appeared Bryan Cadugan,
to me known and known to me to be the	person described in and who executed the foregoing the same to be his or her free act and deed.
	First Witness Signature
	First Witness Printed Name
On this day of	before me appeared Bryan Cadugan, Yes person described in and who executed the foregoing
nstrument, and he or she acknowledged	person described in and who executed the foregoing the same to be his or her free act and deed.
	Second Witness Signature
	Second Witness Printed Nome

PATENT ASSIGNMENT Atty. Dekt. No.: ALLEG-522AUS Client Case No.: A-2418

Dated: 32 No. 43016-

Allegro MicroSystems Europe Limited
By: Stephenie Adams
In her capacity as Commercial Director of
Allegro MicroSystems Europe Limited

On this $\frac{Q5^{h}}{Dw}$ day of $\frac{Q6Q}{W}$, $\frac{Q6Q}{W}$, before me appeared Stephenie Adams, to me known and known to me to be the person described in and who executed the foregoing instrument, and she acknowledged the same to be her free act and deed.

First Witness Signature

Pirst Witness Printed Name

On this $\frac{\partial S}{\partial s}$ day of $\frac{\partial S}{\partial s}$ before me appeared Stephenic Adams, to me known and known to me to be the person described in and who executed the foregoing instrument, and she acknowledged the same to be her free act and deed.

Second Witness Signature
S: FRANYALA)

Second Witness Printed Name

518257

PATENT REEL: 038777 FRAME: 0842

RECORDED: 06/02/2016