

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3992837

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KRISTANN L. MOODY	07/28/2016
ALEJANDRO G. MILES	08/01/2016
SAM TRAN	07/28/2016
ALLEGRO MICROSYSTEMS ARGENTINA S.A.	08/02/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALLEGRO MICROSYSTEMS, LLC
<b>Street Address:</b>	115 NORTHEAST CUTOFF
<b>City:</b>	WORCESTER
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01606
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15211022
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	7814019988
<b>Email:</b>	jlm@dc-m.com
<b>Correspondent Name:</b>	DALY, CROWLEY, MOFFORD & DURKEE, LLP
<b>Address Line 1:</b>	354A TURNPIKE STREET
<b>Address Line 2:</b>	SUITE 301A
<b>Address Line 4:</b>	CANTON, MASSACHUSETTS 02021-2714
<b>ATTORNEY DOCKET NUMBER:</b>	ALLEG-596PUS
<b>NAME OF SUBMITTER:</b>	ANTHONY T. MOOSEY
<b>SIGNATURE:</b>	/Anthony T. Moosey/
<b>DATE SIGNED:</b>	08/04/2016
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

Whereas we, Kristann L. Moody, Alejandro G. Milesi and Sam Tran have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: ENABLING TESTING OF AN INTEGRATED CIRCUIT AT A SINGLE TEMPERATURE, identified as Attorney Docket No. ALLEG-596PUS, and Client Case No. A-2489, which application was executed on 7/28/16; 8/1/16; 7/28/16, and filed on July 15, 2016, and assigned Application No. 15/211,022. 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, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date, and/or Application No. of said application.

Whereas Allegro MicroSystems Argentina S.A., a company registered in Argentina and having a place of business at Tronador 4890 1<sup>st</sup> Floor, Buenos Aires, Argentina 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, Kristann L. Moody, Alejandro G. Milesi and Sam Tran, and Allegro MicroSystems Argentina by signature of Ravi Vig 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, 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;

6. Warrant that Ravi Vig, Vice President of Allegro MicroSystems Argentina, is authorized to act on behalf of, and to bind Allegro MicroSystems Argentina.

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

Dated: 7/28/2016

Kristann L. Moody  
Kristann L. Moody

On this 28 day of July, 2016, before me appeared Kristann L. Moody,  
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.

Michael Chen  
First Witness Signature  
Michael Chen  
First Witness Printed Name

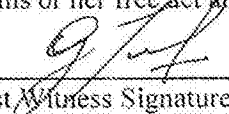
On this 28 day of July, 2016, before me appeared Kristann L. Moody,  
to me known and known to me to be the person described in and who executed the foregoing  
instrument, and he or she acknowledged the same to be his or her free act and deed.

Devon Fernandez  
Second Witness Signature  
Devon Fernandez  
Second Witness Printed Name

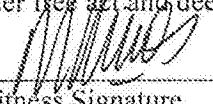
Dated: 01 - AUGUST - 2016

  
Alejandro G. Milesi

On this 01 day of AUGUST, 2016, before me appeared Alejandro G. Milesi,  
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.

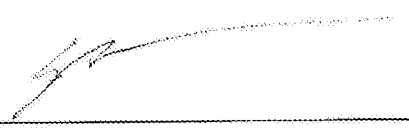
  
First Witness Signature  
GERARDO MEDINA  
First Witness Printed Name

On this 01 day of AUGUST, 2016, before me appeared Alejandro G. Milesi,  
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.

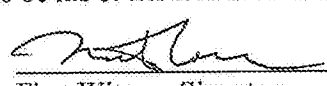
  
Second Witness Signature  
MANUEL RIVAS  
Second Witness Printed Name

PATENT  
Atty. Dckt. No.: ALLEG-596PUS  
Client Case No.: A-2489

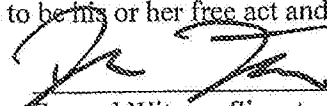
Dated: 7/28/2016

  
\_\_\_\_\_  
Sam Tran

On this 28 day of July, 2016, before me appeared Sam Tran,  
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  
Michael Chen  
\_\_\_\_\_  
First Witness Printed Name

On this 28 day of July, 2016, before me appeared Sam Tran,  
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  
Devon Fernandez  
\_\_\_\_\_  
Second Witness Printed Name

Dated: Aug 2, 2016

Ravi Vig  
Allegro MicroSystems Argentina S.A.  
By: Ravi Vig  
In his capacity as Vice President of  
Allegro Microsystems Argentina S.A.

On this 2 day of August, 2016, before me appeared Ravi Vig, to me known  
and known to me to be the person described in and who executed the foregoing instrument, and  
he acknowledged the same to be his free act and deed.

Judith E. Cartan  
First Witness Signature  
JUDITH E. CARTAN  
First Witness Printed Name

On this 2 day of August, 2016, before me appeared Ravi Vig, to me known  
and known to me to be the person described in and who executed the foregoing instrument, and  
he acknowledged the same to be his free act and deed.

Kimberly P. Zaidel  
Second Witness Signature  
Kimberly P Zaidel  
Second Witness Printed Name

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