

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7589220

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAVI VIG	04/03/2012
WILLIAM P. TAYLOR	03/22/2012
ANDREAS P. FRIEDRICH	03/20/2012
PAUL DAVID	04/05/2012
MARIE-ADELAIDE LO	03/20/2012
ERIC BURDETTE	04/03/2012
ERIC SHOEMAKER	04/03/2012
MICHAEL C. DOOGUE	03/28/2012
RECEIVING PARTY DATA	
Name:	ALLEGRO MICROSYSTEMS, INC.
Street Address:	115 NORTHEAST CUTOFF
City:	WORCESTER
State/Country:	MASSACHUSETTS
Postal Code:	01606
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18046222
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:	jlm@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-328IUS
NAME OF SUBMITTER:	ANTHONY T. MOOSEY
SIGNATURE:	/Anthony T. Moosey/

PATENT

DATE SIGNED:	10/13/2022
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Total Attachments: 9

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ASSIGNMENT

Whereas we, the undersigned, Ravi Vig, William P. Taylor, Andreas P. Friedrich, Paul David, Marie-Adelaide Lo, Eric Burdette, Eric Shoemaker and Michael C. Doogue hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: MAGNETIC FIELD SENSOR INTEGRATED CIRCUIT WITH INTEGRAL FERROMAGNETIC MATERIAL, identified as Attorney Docket No. ALLEG-328PUS, and Client Case No. A-2221, which application was executed on 4-3-12, 3-22-12, 3-20-12, 4-5-12, 3-20-12, 4-3-12, 4-3-12, 3-28-12, and filed on 3-20-12 and assigned Application No. 13/424,618. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request the 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, Inc., a Delaware Corporation 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 hereby acknowledge, we hereby, without reservation:

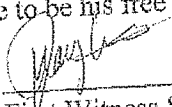
1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, 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 and assigns, 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 and assigns 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 or assigns 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 we have each executed this Assignment as an instrument on the date indicated next to our name(s).

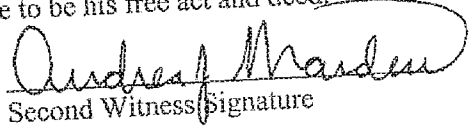
Dated: April 3, 2012 
Ravi Vig

On this 3 day of April, 2012, 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.


First Witness Signature

VIJAY MANGTANI
First Witness Printed Name

On this 3 day of April, 2012, 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.


Second Witness Signature

Andrea J Marden
Second Witness Printed Name

Dated: 22 March 2012

William P. Taylor
William P. Taylor

On this 22 day of March, 2012, before me appeared

William P. Taylor, 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.

[Signature]
First Witness Signature

Shaun Milano
First Witness Printed Name

On this 22 day of March, 2012, before me appeared

William P. Taylor, 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.

[Signature]
Second Witness Signature

MARK J. DONOVAN
Second Witness Printed Name

Dated: 3/20/2012

A. F. F.
Andreas P. Friedrich

On this 20 day of March, 2012, before me appeared
Andreas P. Friedrich, 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.

[Signature]
First Witness Signature

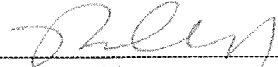
MARY REGAN
First Witness Printed Name

On this 20 day of March, 2012, before me appeared
Andreas P. Friedrich, 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.

[Signature]
Second Witness Signature

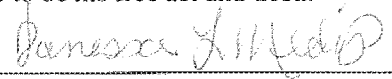
Kate Ho Andrew
Second Witness Printed Name

Dated: 5 APR 2012


Paul David

On this 5 day of April, 2012, before me appeared


Paul David, 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.


First Witness Signature

Vanessa L. Medeiros
First Witness Printed Name


On this 5 day of April, 2012, before me appeared

Paul David, 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.


Second Witness Signature

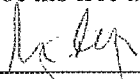
Bryan Cadogan
Second Witness Printed Name

Dated: 3/20/2012


Marie-Adelaide Lo

On this 20 day of MARCH, 2012, before me appeared
Day Month Year

Marie-Adelaide Lo, 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.


First Witness Signature

MARY REGAN
First Witness Printed Name

On this 20 day of March, 2012, before me appeared
Day Month Year

Marie-Adelaide Lo, 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.


Second Witness Signature

Foto Ho Andree
Second Witness Printed Name

Dated: April 03 2012


Eric Burdette

On this 03 day of April, 2012, before me appeared
Eric Burdette, 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.


First Witness Signature

John Levamaje
First Witness Printed Name

On this 03 day of April, 2012, before me appeared
Eric Burdette, 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.


Second Witness Signature

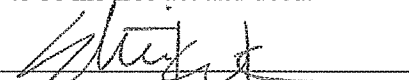
Joseph D. Hollins
Second Witness Printed Name

Dated: April 3, 2012


Eric Shoemaker

On this 3 day of April, 2012, before me appeared

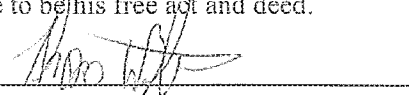
Eric Shoemaker, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.


First Witness Signature

Stelios Kalakouas
First Witness Printed Name

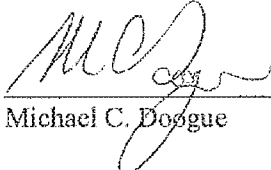
On this 3 day of April, 2012, before me appeared

Eric Shoemaker, 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.


Second Witness Signature

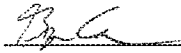
Thomas W. Bateman
Second Witness Printed Name

Dated: MARCH 28, 2012


Michael C. Doogue

On this 28 day of MARCH, 2012, before me appeared

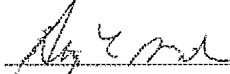
Michael C. Doogue, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.


First Witness Signature

Bryan Cadogan
First Witness Printed Name

On this 28 day of MARCH, 2012, before me appeared

Michael C. Doogue, 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.


Second Witness Signature

Stephen R. Miles
Second Witness Printed Name