# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4398194

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY NAME previously recorded on Reel 031729 Frame 0658. Assignor(s) hereby confirms the ASSIGNMENT.	

## **CONVEYING PARTY DATA**

Name	Execution Date
RAVI VIG	07/25/2008
P. KARL SCHELLER	07/24/2008
PAUL DAVID	07/28/2008

#### **RECEIVING PARTY DATA**

Name:	ALLEGRO MICROSYSTEMS, INC.
Street Address:	115 NORTHEAST CUTOFF
City:	WORCESTER
State/Country:	MASSACHUSETTS
Postal Code:	01615-0036

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14093787

### 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.

**Phone:** 7814019988 **Email:** mmc@dc-m.com

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

Address Line 1: 354A TURNPIKE STREET

Address Line 2: SUITE 301A

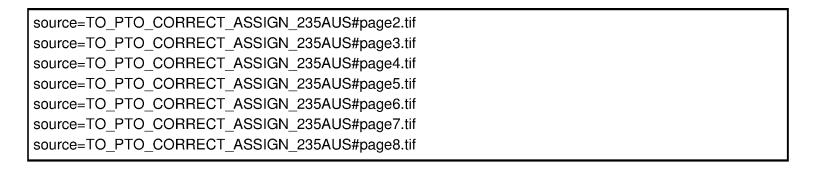
Address Line 4: CANTON, MASSACHUSETTS 02021-2714

ATTORNEY DOCKET NUMBER:	ALLEG-235AUS	
NAME OF SUBMITTER:	KERMIT ROBINSON	
SIGNATURE:	/Kermit Robinson/	
DATE SIGNED:	05/04/2017	

**Total Attachments: 8** 

source=TO PTO CORRECT ASSIGN 235AUS#page1.tif

PATENT REEL: 042399 FRAME: 0610



PATENT REEL: 042399 FRAME: 0611

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2639471

**NEW ASSIGNMENT** SUBMISSION TYPE:

NATURE OF CONVEYANCE: ASSIGNMENT

## **CONVEYING PARTY DATA**

	Name	Execution Date
RAVI VIG		07/25/2008
P. KARL SCHELLER		
PAUL DAVID		07/28/2008

#### RECEIVING PARTY DATA

Name:	ALLEGRO MICROSYSTEMS, LLC			
Street Address:	115 NORTHEAST CUTOFF	88	322 E	
City:	WORCESTER			2000
State/Country:	MASSACHUSETTS		8	
Postal Code:	01615-0036			

## PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14093787
Application Number:	14093815

# CORRESPONDENCE DATA

Fax Number:

(781)401-9966

Phone:

7814019988

Email:

sms@dc-m.com

Correspondent Name:

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Address Line 1:

DALY, CROWLEY, MOFFORD & DURKEE, LLP

354A TURNPIKE STREET

Address Line 2:

SUITE 301A

Address Line 4:

CANTON, MASSACHUSETTS 02021-2714

ATTORNEY DOCKET NUMBER:

ALLEG-235AUS, ALLEG-235BU

NAME OF SUBMITTER:

KRISTOFFER W. LANGE

**PATENT** REEL: 042399 FRAME: 0612

### ASSIGNMENT

Whereas we, the undersigned, Ravi Vig, P. Karl Scheller and Paul David hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled Apparatus and Method for Providing an Output Signal Indicative of a Speed of Rotation and a Direction of Rotation of a Ferromagnetic Object, identified as Attorney Docket No. Alleg-235PUS, and Client Case No. A-2127, which application was executed on July 25, 2008, July 24, 2008 and July 28, 2008, and filed on July 31, 2008 and Assigned Application No. 12/183,367. In the event that the execution date, filing date and/or Application No. are not entered above at the time we executed this document, 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, Inc., a Delaware Corporation having a place of business at 115 Northeast Cutoff, Worcester, Massachusetts 01615-0036, 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;

Atty. Dokt. No.: ALLEG-235PUS

Client Case No.: A-2127

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.

Atty. Dckt. No.: ALLEG-235PUS

Client Case No.: A-2127

In testimony of which we have each executed this Assignment on the date indicated next to each of our respective names.

Dated: Tury 25, 200 f

Ravi Vig

On this 25th day of July , 2008, 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

On this 25 day of July , 2008, 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

Second Witness Printed Name

Atty. Dckt. No.: ALLEG-235PUS

Client Case No.: A-2127

Dated: 7/24/2008	P. Mrn & Schille
	P. Karl Scheller
On this كوانك day of كانك , 2008, be and known to me to be the person described in and wacknowledged the same to be his free act and deed.	fore me appeared P. Karl Scheller, to me known who executed the foregoing instrument, and he
	William & Taylor First Witness Signature
	First Witness Signature
	WILLIAM P. TAYLOR
	First Witness Printed Name
On this $\frac{\sqrt{4^{-4}}}{4}$ day of $\frac{\sqrt{1/4}}{4}$ , 2008, be and known to me to be the person described in and vacknowledged the same to be his free act and deed.	fore me appeared P. Karl Scheller, to me known who executed the foregoing instrument, and he
199 	Second Witness Signature
	Second Witness Printed Name

Atty. Dckt. No.: ALLEG-235PUS

Client Case No.: A-2127

Dated: 7 /28 68	Faul David
On this ZE day of Juy, 2008, b known to me to be the person described in and v acknowledged the same to be his free act and deed	
On this 25 day of <u>5064</u> , 2008, b	efore 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

LOBERT A. NESSIT, JR Second Witness Printed Name

67523.doc