

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ravi Vig</td> <td>06/12/2008</td> </tr> <tr> <td>Paul David</td> <td>06/11/2008</td> </tr> <tr> <td>Shaun D. Milano</td> <td>06/11/2008</td> </tr> <tr> <td>Michael C. Doogue</td> <td>06/11/2008</td> </tr> <tr> <td>David J. Haas</td> <td>06/11/2008</td> </tr> </tbody> </table>		Name	Execution Date	Ravi Vig	06/12/2008	Paul David	06/11/2008	Shaun D. Milano	06/11/2008	Michael C. Doogue	06/11/2008	David J. Haas	06/11/2008
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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													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12139539</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12139539								
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CORRESPONDENCE DATA													
Fax Number:	(781)401-9966												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 4:	Canton, MASSACHUSETTS 02021-2714												
ATTORNEY DOCKET NUMBER:	ALLEG-257AUS												
NAME OF SUBMITTER:	Cathy L. Peterson												

CH \$40.00 12139539

Total Attachments: 5

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A S S I G N M E N T

Whereas we, the undersigned, Ravi Vig, Paul David, Shaun D. Milano, Michael C. Doogue and David J. Haas, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SELF-CALIBRATION ALGORITHMS IN A SMALL MOTOR DRIVER IC WITH AN INTEGRATED POSITION SENSOR, identified as Attorney Docket No. ALLEG-257AUS and Client Case No. A-2150 which application was executed on 06/12/08, 06/11/08, 06/11/08, 06/11/08 and 06/11/08 and filed on June 16, 2008 and Assigned Application No. 12/139,539. 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;

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.

I hereby appoint:


Practitioners associated with the Customer Number: 22494

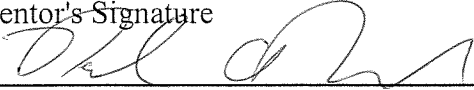
all of DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, Massachusetts 02021-2714, jointly, and each of them severally, my attorneys at law, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.


Please direct all telephone calls and address all correspondence to:

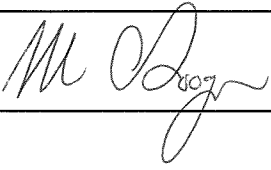
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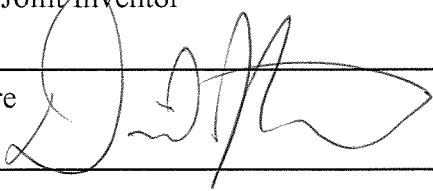
Associated With
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