

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mir Mahin	11/01/2006
John Humenick	11/01/2006
Shashank Wekhande	11/01/2006

RECEIVING PARTY DATA

Name:	Allegro Microsystems, Inc.
Street Address:	115 Northeast Cutoff
City:	Worcester
State/Country:	MASSACHUSETTS
Postal Code:	01615

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11554756

CORRESPONDENCE DATA

Fax Number: (781)401-9966
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 781-401-9988
Email: pam@dc-m.com
Correspondent Name: Paul D. Durkee
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Address Line 2: Suite 301A
Address Line 4: Canton, MASSACHUSETTS 02021-2714

ATTORNEY DOCKET NUMBER:

ALLEG-188AUS

NAME OF SUBMITTER:

Paul D. Durkee

Total Attachments: 4

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PATENT

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A S S I G N M E N T

Whereas We, the undersigned, Mir Mahin, John Humenick and Shashank Wekhande, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled **METHODS AND APPARATUS FOR DC-DC CONVERTER HAVING INDEPENDENT OUTPUTS**, identified as Attorney Docket No. ALLEG-188AUS and Client Case No. A-2077, which application was executed on November 1, 2006, November 1, 2006, November 1, 2006 and filed on October 31, 2006 and Assigned Application No. 11/554,756. In the event that the execution date, filing date and/or Application No. are not entered above at the time I executed this document, and if such information is deemed necessary, I hereby authorize and request my attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the 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, 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 me/us, receipt and sufficiency of which I hereby acknowledge, I 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;

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Client Case No.: A-2077

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 I have executed this Assignment on the date indicated next to my name.

Dated: Nov 1, 2006

Mir Mahin
Mir Mahin

On this 1 day of November, 2006, before me appeared Mir Mahin, 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.

Barry Bender
First Witness Signature

Barry Bender
First Witness Printed Name

On this 1 day of Nov, 2006, before me appeared Mir Mahin, 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.

John T. Kohnke
Second Witness Signature

JOHN T. KOHNKE
Second Witness Printed Name

PATENT

Dated: Nov 1, 2006

John M. Humenick
John Humenick

On this 1 day of Nov, 2006, before me appeared John Humenick, 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.

Barry Bender
First Witness Signature

Barry Bender
First Witness Printed Name

On this 1 day of November, 2006, before me appeared John Humenick, 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.

John T. Koehn
Second Witness Signature

JOHN T. KOEHN
Second Witness Printed Name

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Application No: 11/554,756

Filed On: October 31, 2006

Attorney Docket No.: ALLEG-188AUS

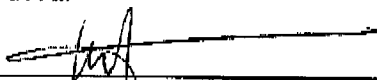
Client Case No.: A-2077

Dated: 11/1/06
Shashank Wekhande

On this 1st day of Nov., 2006, before me appeared Shashank Wekhande, 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 SignatureNai-Chi Lee
First Witness Printed Name

On this 1st day of NOV, 2006, before me appeared Shashank Wekhande, 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 SignatureNINA TSAI
Second Witness Printed Name