

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Attorney Docket Number previously recorded on Reel 019556 Frame 0043. Assignor(s) hereby confirms the Attorney Docket Number: ALLEG-222PUS is correct..										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Andreas P. Friedrich</td><td>08/14/2007</td></tr><tr><td>Andrea Foletto</td><td>08/14/2007</td></tr><tr><td>P. Karl Scheller</td><td>08/28/2007</td></tr><tr><td>Paul David</td><td>08/14/2007</td></tr></tbody></table>		Name	Execution Date	Andreas P. Friedrich	08/14/2007	Andrea Foletto	08/14/2007	P. Karl Scheller	08/28/2007	Paul David	08/14/2007
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P. Karl Scheller	08/28/2007										
Paul David	08/14/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Allegro Microsystems, Inc.</td></tr><tr><td>Street Address:</td><td>115 Northeast Cutoff</td></tr><tr><td>City:</td><td>Worcester</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>01615-0036</td></tr></table>		Name:	Allegro Microsystems, Inc.	Street Address:	115 Northeast Cutoff	City:	Worcester	State/Country:	MASSACHUSETTS	Postal Code:	01615-0036
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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>											
Phone: 7814019988											
Email: mhw@dc-m.com											
Correspondent Name: Daly, Crowley, Mofford & Durkee, LLP											
Address Line 1: 354A Turnpike Street, Suite 301A											
Address Line 4: Canton, MASSACHUSETTS 02021-2714											
ATTORNEY DOCKET NUMBER:	ALLEG-222PUS										
NAME OF SUBMITTER:	Kermit Robinson										

CH \$40.00 11777406

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REEL: 019764 FRAME: 0774

Total Attachments: 14

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PATENT ASSIGNMENT

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07/13/2007
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
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<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Andreas P. Friedrich</td><td>06/20/2007</td></tr><tr><td>Andrea Foletto</td><td>06/20/2007</td></tr><tr><td>P. Karl Scheller</td><td>06/19/2007</td></tr><tr><td>Paul David</td><td>06/18/2007</td></tr></tbody></table>	Name	Execution Date	Andreas P. Friedrich	06/20/2007	Andrea Foletto	06/20/2007	P. Karl Scheller	06/19/2007	Paul David	06/18/2007	
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Address Line 4: Canton, MASSACHUSETTS 02021-2714											
ATTORNEY DOCKET NUMBER:	ALLEG-226PUS 222 PUS										
NAME OF SUBMITTER:	Kermit Robinson										
Total Attachments: 12 source=TO_PTO_ASSIGNMENT#page1.tif											

CH \$40.00 11777406

TO:DALY, CROWLEY, MOFFORD & MURKEE, LLP COMPANY:354A TURNBULL STREET, SUITE 3

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A S S I G N M E N T

Whereas we, the undersigned, Andreas P. Friedrich, Andrea Foletto, 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 INTEGRATED CIRCUIT HAVING BUILT-IN SELF-TEST FEATURES, identified as Attorney Docket No. ALLEG-222PUS, and Client Case No. A-2114, which application was executed on June 20, 2007, June 20, 2007, June 19, 2007, and June 18, 2007, and filed on July 13, 2007, and assigned Application No. 11/777,406. 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;

PATENT
Patent Application No. 11/777,406
Filed On July 13, 2007
Atty. Dckt. No.: ALLEG-222PUS
Client Case No.: A-2114

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.

PATENT
Patent Application No. 11/777,406
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Atty. Dckt. No.: ALLEG-222PUS
Client Case No.: A-2114

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

Dated: 14 August 2007

A. Friedrich
Andreas P. Friedrich

On this 14 day of AUGUST, 2007, 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

M. MARCHI
First Witness Printed Name

On this 14th day of August, 2007, 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

MARY REGAN
Second Witness Printed Name

PATENT
Patent Application No. 11/777,406
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Atty. Dckt. No.: ALLEG-222PUS
Client Case No.: A-2114

Dated: 14/08/2007

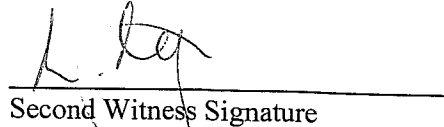

Andrea Foletto

On this 14 day of AUGUST, 2007, before me appeared Andrea Foletto, 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

M. MARCHI
First Witness Printed Name

On this 14th day of August, 2007, before me appeared Andrea Foletto, 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

MARY REGAN
Second Witness Printed Name

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Patent Application No. 11/777,406
Filed On July 13, 2007
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Client Case No.: A-2114

Dated: _____

P. Karl Scheller

On this _____ day of _____, 2007, before me appeared P. Karl Scheller, 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

First Witness Printed Name

On this _____ day of _____, 2007, before me appeared P. Karl Scheller, 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

PATENT
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Dated: _____

Paul David

On this _____ day of _____, 2007, 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

First Witness Printed Name

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Second Witness Signature

Second Witness Printed Name

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

Dated: _____

Andreas P. Friedrich

On this _____ day of _____, 2007, 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.

First Witness Signature

First Witness Printed Name

On this _____ day of _____, 2007, 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.

Second Witness Signature

Second Witness Printed Name

Dated: _____

Andrea Foletto

On this ____ day of _____, 2007, before me appeared Andrea Foletto, 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

First Witness Printed Name

On this ____ day of _____, 2007, before me appeared Andrea Foletto, 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

Dated: 8/28/2007

P. Karl Scheller
P. Karl Scheller

On this 28th day of August, 2007, before me appeared P. Karl Scheller, 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
Jeffrey E. Ewen
First Witness Printed Name

On this 28 day of Aug, 2007, before me appeared P. Karl Scheller, 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
Glenn Forrest
Second Witness Printed Name

Dated: 8-14-07



Paul David

On this 14 day of AUGUST, 2007, 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

NEVENKA KOZOMORA
First Witness Printed Name

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Second Witness Signature

Naota Nakayama
Second Witness Printed Name

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