

04-30-2004

Atty Dkt No.: ALLEG-031AUS

Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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RE

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

102733689

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Jason Stauth

Richard Dickinson

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: September 20, 2002

## 2. Name and address of receiving party(ies)

Name: Allegro Microsystems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 115 Northeast Cutoff

City: Worcester State: MA Zip: 01615-0036

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 9/20/2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Daly, Crowley &amp; Mofford, LLP

Internal Address: \_\_\_\_\_

Street Address: 275 Turnpike Street, Suite 101

City: Canton State: MA Zip: 02021-2310

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

010854

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Judith C. Crowley

35,091

Name of Person Signing

00000115 010854 10831906

Total number of pages including cover sheet, attachments, and documents: 10

Signature

Date

04/29/2004

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Mail documents to be recorded with required cover sheet information to:

MS Assignment Recordation Services, Director of the U.S. Patent and Trademark Office,  
P. O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 015266 FRAME: 0253

17497 U.S. PTO  
10/831906

042604

# CONTINUATION SHEET

Atty Dkt No.: MIT-141PUS

Form PTO-1595 - Continuation  
(Rev. 03/01)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

**PATENTS ONLY**

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

**1. Name of additional conveying party(ies):**

John Sauber

Ray Engel

Sandra Pinelle

17497 U.S. PTO  
10/831906



Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**2. Name and address of additional receiving party(ies)**

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Additional application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

Additional number(s) or patent number(s) ? ☐ Yes ☒ No

Mail documents to be recorded with required cover sheet information to:

MS Assignment Recordation Services, Director of the U.S. Patent and Trademark Office,  
P. O. Box 1450, Alexandria, VA 22313-1450

## A S S I G N M E N T

Whereas we, the undersigned, Jason Stauth, Richard Dickinson, John Sauber, Ray Engel, and Sandra Pinelle, 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 CURRENT SENSOR, identified as Attorney Docket No. ALLEG-031PUS which application was executed on September 20, 2002 and filed on September 20, 2002 and Assigned Application No. 10/251,007. 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, LLP, 275 Turnpike Street, Suite 101, Canton, MA 02021-2310, 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 01615-0036, 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 me/us, receipt and sufficiency of which I/we hereby acknowledge, I/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.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to my name.


State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_


Dated \_\_\_\_\_

  
\_\_\_\_\_  
Jason Stauth

On this 20<sup>th</sup> day of September, 2002, before me appeared Jason Stauth, 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

On this 20<sup>th</sup> day of September, 2002, before me appeared Jason Stauth, 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

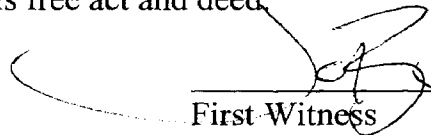
State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

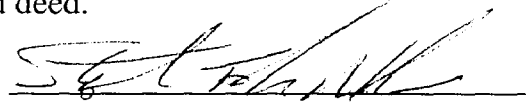
Dated \_\_\_\_\_

  
Richard Dickinson

On this 20<sup>th</sup> day of September, 2002, before me appeared Richard Dickinson, 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

On this 20<sup>th</sup> day of September, 2002, before me appeared Richard Dickinson, 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

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_


Dated \_\_\_\_\_

John Sauber

On this 20<sup>th</sup> day of September, 2002, before me appeared John Sauber, 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

On this 20<sup>th</sup> day of September, 2002, before me appeared John Sauber, 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

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Richard Dickinson

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me appeared Richard Dickinson, 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

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me appeared Richard Dickinson, 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

State or Commonwealth of MASS

County Worcester

Dated Sept 20, 02

\_\_\_\_\_  
John Sauber

On this 20 day of Sept, 2002, before me appeared John Sauber, 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.

A. Ranikumar  
\_\_\_\_\_  
First Witness

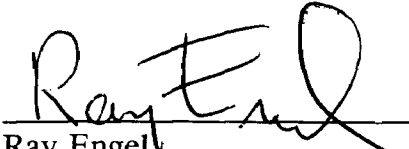
On this 20 day of Sept, 2002, before me appeared John Sauber, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Brian P. Gougeon  
\_\_\_\_\_  
Second Witness

State or Commonwealth of MASS

County Worcester

Dated Sept 20, 02

  
Ray Engel

On this 20 day of Sept, 2002, before me appeared Ray Engle, 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.

A. Ranikumar  
First Witness

On this 20 day of Sept, 2002, before me appeared Ray Engle, 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.

Brian P. Gougeon  
Second Witness

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Sandra Pinelle

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me appeared Sandra Pinelle, 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

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me appeared Sandra Pinelle, 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

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

\_\_\_\_\_  
Ray Engel

On this \_\_\_\_ day of \_\_\_\_\_, 2002, before me appeared Ray Engle, 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

On this \_\_\_\_ day of \_\_\_\_\_, 2002, before me appeared Ray Engle, 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

State or Commonwealth of \_\_\_\_\_

County \_\_\_\_\_

Dated \_\_\_\_\_

  
Sandra Pinelle

On this 20<sup>th</sup> day of September, 2002, before me appeared Sandra Pinelle, 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

On this \_\_\_\_ day of \_\_\_\_\_, 2002, before me appeared Sandra Pinelle, 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

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