

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5733524

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BRYAN CADUGAN	01/03/2018
	RÉMY LASSALLE-BALIER	01/05/2018
	ALEXANDER LATHAM	01/03/2018
	PAOLO CAMPIGLIO	01/05/2018
	NOÉMIE BELIN	01/05/2018
	ALLEGRO MICROSYSTEMS EUROPE LIMITED	01/09/2018
	CRIVASENSE TECHNOLOGIES SAS	01/09/2018
RECEIVING PARTY DATA		
Name:	ALLEGRO MICROSYSTEMS, LLC	
Street Address:	955 PERIMETER ROAD	
City:	MANCHESTER	
State/Country:	NEW HAMPSHIRE	
Postal Code:	03103-3353	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16578767
CORRESPONDENCE DATA		
Fax Number:	(781)989-9966	
<i>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.</i>		
Phone:	7819899988	
Email:	MLF@DC-M.COM	
Correspondent Name:	DALY, CROWLEY, MOFFORD & DURKEE, LLP	
Address Line 1:	ONE UNIVERSITY AVENUE	
Address Line 2:	SUITE 201B	
Address Line 4:	WESTWOOD, MASSACHUSETTS 02090	
ATTORNEY DOCKET NUMBER:	ALLEG-683BUS	
NAME OF SUBMITTER:	KERMIT ROBINSON	
SIGNATURE:	/Kermit Robinson/	
DATE SIGNED:	09/24/2019	

PATENT

Total Attachments: 9

source=TO_PTO_ASSIGNMENT_683BUS#page1.tif

source=TO_PTO_ASSIGNMENT_683BUS#page2.tif

source=TO_PTO_ASSIGNMENT_683BUS#page3.tif

source=TO_PTO_ASSIGNMENT_683BUS#page4.tif

source=TO_PTO_ASSIGNMENT_683BUS#page5.tif

source=TO_PTO_ASSIGNMENT_683BUS#page6.tif

source=TO_PTO_ASSIGNMENT_683BUS#page7.tif

source=TO_PTO_ASSIGNMENT_683BUS#page8.tif

source=TO_PTO_ASSIGNMENT_683BUS#page9.tif

ASSIGNMENT

Whereas I/We, Bryan Cadugan, Rémy Lassalle-Balier, Alexander Latham, Paolo Campiglio and Noémie Belin, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: CURRENT SENSOR USING MODULATION OF OR CHANGE OF SENSITIVITY OF MAGNETORESISTANCE ELEMENTS, identified as Attorney Docket No. ALLEG-683PUS, and Client Case No. A-2577, which application was executed on 01/03/2018; 01/05/2018; 01/03/2018; 01/05/2018; 01/05/2018, and filed on 01/12/2018, and assigned Application No. 15/869,620. In the event that the execution date, filing date, and/or Application No. are not entered above at the time this document is executed, 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 Europe Limited (herein AMEL), a company registered in England and having a place of business at Melita House, 124 Bridge Road, Chertsey Surrey KT16 8LH United Kingdom may have certain rights in the above identified inventions or discoveries;

Whereas CrivaSense Technologies SAS (herein CST), a company registered in France and having a place of business at Lieudit l'Orme des Mersiers, Parc Technologique de Saint Aubin, Batiment Mercury-Bldg. D, 91193 Saint-Aubin, Paris, France, may have certain rights in the above identified inventions or discoveries;

Whereas, Allegro MicroSystems, LLC, a Delaware limited liability company having a place of business at 115 Northeast Cutoff, Worcester, Massachusetts 01606, 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 I/We, Bryan Cadugan, Rémy Lassalle-Balier, Alexander Latham, Paolo Campiglio and Noémie Belin, and

AMEL, Allegro MicroSystems Europe Limited, by signature of Robert C. Hunt, and
CST, CrivaSense Technologies SAS, by signature of Robert C. Hunt,

hereby acknowledge, I/We each 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, PCT, 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;

5. Bind my heirs, legal representatives, assigns, and successors, 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, assigns, and successors 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, assigns, or successors which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries;

6. Warrant that:

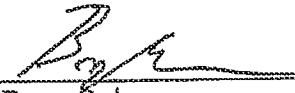
For AMEL, Robert C. Hunt, General Manager of Allegro MicroSystems Europe Limited, is authorized to act on behalf of, and to bind Allegro MicroSystems Europe Limited.

For CST, Robert C. Hunt, Legal Representative of CrivaSense Technologies SAS, is authorized to act on behalf of, and to bind Crivasense Technologies.

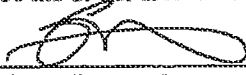
In testimony of which I/we have each executed this Assignment on the date indicated next to our name(s).

PATENT
Atty. Dckt. No.: ALLEG-683PUS
Client Case No.: A-2577

Dated: 1/31/18


Bryan Cadugan

On this 3 day of January, 2018, before me appeared Bryan Cadugan,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.


First Witness Signature
Shaun Milam
First Witness Printed Name

On this 3 day of January, 2018, before me appeared Bryan Cadugan,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.

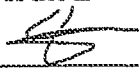

Second Witness Signature
Evan Sharnon
Second Witness Printed Name

Dated: 5th January 2018



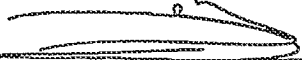
Rémy Lassalle-Balier

On this 5th day of January, 2018, before me appeared Rémy Lassalle-Balier,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



First Witness Signature
THIEBAUX LUCAS
First Witness Printed Name

On this 5th day of January, 2018, before me appeared Rémy Lassalle-Balier,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



Second Witness Signature
DEHU Damien
Second Witness Printed Name

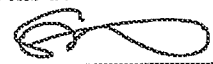
PATENT
Atty. Dckt. No.: ALLEG-683PUS
Client Case No.: A-2577

#

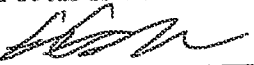
Dated: 1/3/2018


Alexander Latham

On this 3 day of January, 2018, before me appeared Alexander Latham,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



First Witness Signature
Shawn Miland
First Witness Printed Name

On this 3 day of January, 2018, before me appeared Alexander Latham,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.


Second Witness Signature
Evan Sherman
Second Witness Printed Name


PATENT
Atty. Dckt. No.: ALLEG-683PUS
Client Case No.: A-2577

Dated: 01/05/2018



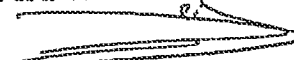
Paolo Campiglio

On this 05 day of JANUARY, 2018, before me appeared Paolo Campiglio,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



First Witness Signature
THIERRY LUCAS
First Witness Printed Name

On this 05 day of JANUARY, 2018, before me appeared Paolo Campiglio,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.



Second Witness Signature
DEMU Damien
Second Witness Printed Name

#

Dated: 1/05/2018

Noémie Belin
Noémie Belin

On this 5th day of January, 2018, before me appeared Noémie Belin,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.

[Signature]
First Witness Signature
THIÉBAUX LOUIS
First Witness Printed Name

On this 5th day of January, 2018, before me appeared Noémie Belin,
Day Month Year
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he or she acknowledged the same to be his or her free act and deed.

[Signature]
Second Witness Signature
DEHU Damien
Second Witness Printed Name

PATENT
Atty. Dckt. No.: ALLEG-683PUS
Client Case No.: A-2577

AMEL

Dated: 9 January 2018

Alt. 1-11.
Allegro MicroSystems Europe Limited
By: Robert C. Hunt
In his capacity as Legal Representative of
Allegro MicroSystems Europe Limited

On this 9th day of Jan., 2018, before me appeared Robert C. Hunt,
Day Month Year
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.

Sean Burke
First Witness Signature
Sean Burke
First Witness Printed Name

On this 9th day of Jan., 2018, before me appeared Robert C. Hunt,
Day Month Year
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.

Paul A. Paul
Second Witness Signature
Paul A. Paul
Second Witness Printed Name

CST

Dated: 9 January 2018

Robert C. Hunt
CrivaSense Technologies SAS
By: Robert C. Hunt
In his capacity as Legal Representative of
CrivaSense Technologies SAS

On this 9th day of Jan., 2018, before me appeared Robert C. Hunt,
Day Month Year
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.

Sean Burke
First Witness Signature
Sean Burke
First Witness Printed Name

On this 9th day of Jan., 2017, before me appeared Robert C. Hunt,
Day Month Year
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.

Paul A. Davis
Second Witness Signature
Paul A. Davis
Second Witness Printed Name

623329.docx