504272232 03/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4318914

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
ATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
GEORGE REDFIELD SI	PALDING	JR.	09/23/2011			
ARCUS O'SULLIVAN			07/27/2011			
RECEIVING PARTY DA						
Name:	ANALO	G DEVICES, INC.				
Street Address:		CHNOLOGY WAY				
City:	NORWO	DOD				
State/Country:	MASSA	CHUSETTS				
Postal Code:	02062					
Property Type		Number	-			
Application Number:		15224906				
ORRESPONDENCE D	ΑΤΑ					
	provided , r ९ नि	<i>the e-mail address first; if that is uns; ; if that is unsuccessful, it will be ser</i> requests@slwip.com SCHWEGMAN LUNDBERG & WOESS P.O. BOX 2938 MINNEAPOLIS, MINNESOTA 55402	nt via US Mail.			
<i>Correspondence will b using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 4:	<i>provided</i> r S F	<i>; if that is unsuccessful, it will be ser</i> requests@slwip.com SCHWEGMAN LUNDBERG & WOESS P.O. BOX 2938 MINNEAPOLIS, MINNESOTA 55402	nt via US Mail.			
Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 4:	provided r S F V UMBER:	; if that is unsuccessful, it will be ser requests@slwip.com SCHWEGMAN LUNDBERG & WOESS P.O. BOX 2938 MINNEAPOLIS, MINNESOTA 55402 3867.007US3	nt via US Mail.			
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Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	provided r F UMBER:	; if that is unsuccessful, it will be ser requests@slwip.com SCHWEGMAN LUNDBERG & WOESS P.O. BOX 2938 MINNEAPOLIS, MINNESOTA 55402 3867.007US3 CAITLIN SIPE	nt via US Mail.			

Total Attachments: 3

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RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 3867.007US3 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Analog Devices, Inc. George Redfield Spalding Jr., Marcus O'Sullivan Street Address: One Technology Way Additional name(s) of conveying party(ies) attached? City: Norwood State: MA Zip: <u>0206</u>2 []Yes [X]No Country: United States of America 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [] Merger [X] Assignment [] Security Agreement [] Change of Name [] Other Execution Date: September 23, 2011, July 27, 2011 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: A. Patent Application No.(s) B. Patent No.(s) Serial No. 15/224,906 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41):\$ 0.00 concerning document should be mailed: Name: Paul G. Kegley []Enclosed [Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 payments to our Deposit Account No.: 19-0743 **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.

Paul G. Kegley/Reg. No. 60,336	Parl D. Keyly/	March 14, 2017
Name of Person Signing	Signature	Date
	Total number of pages inc	luding cover sheet: <u>3</u>

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450 I, George Redfield Spalding, Jr., residing in Edinburgh, Scotland, United Kingdom, represent that I have invented improvements in a new and useful "A CONNECTION DEVICE" for which I have executed an application for Letters Patent of the United States of America on the same day as my execution of this Assignment.

Analog Devices, Inc. (ADI) is a corporation organized and existing under the laws of the State of Massachusetts, has a place of business at One Technology Way, Norwood, Massachusetts 02062, and desires to acquire the entire right, title and interest in and to the invention, application and letters patent to be granted and issued thereon.

For valuable consideration, the receipt and legal sufficiency of which I acknowledge, I have sold and do hereby sell, assign, transfer and set over unto ADI, its successors and assigns, the entire right, title and interest in and to the invention and all improvements thereon, in and to the application for letters patent thereon, in and to applications pertaining to or based upon the invention and application, including divisional and continuing applications and continuations-in-part, and in and to any and all letters patent which may be granted and issued on the invention and applications, or any of them, in the United States of America, its territories and possessions, and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

I also agree that I will, at the request of ADI, execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that ADI may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in ADI the undivided interests in the right, title and interest in the invention, applications and letters patent.

I also authorize and empower ADI, its successors and assigns to apply for and obtain, in its or their own names, letters patent for the invention before competent International Authorities and in any and all countries foreign to the United States in which applications for letters patent can be so made or letters patent so obtained.

Signed	at	Ediaburgh	UK	,	23	540	huber,	2011
9	Λ	(city and cou	intry)		(ć	late)		
An	K	Shi J.						

George Redfield Spalding, Jr.

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		print		

WITNESS <u>FINBAR O'LEARY</u> (type or print name) PATENT

PATENT REEL: 047579 FRAME: 0883

ASSIGNMENT

I, Marcus O'Sullivan, residing in Castle Roberts, Adare, Limerick, Ireland, represent that I have invented improvements in a new and useful "A CONNECTION DEVICE" for which I have executed an application for Letters Patent of the United States of America on the same day as my execution of this Assignment.

Analog Devices, Inc. (ADI) is a corporation organized and existing under the laws of the State of Massachusetts, has a place of business at One Technology Way, Norwood, Massachusetts 02062, and desires to acquire the entire right, title and interest in and to the invention, application and letters patent to be granted and issued thereon.

For valuable consideration, the receipt and legal sufficiency of which I acknowledge, I have sold and do hereby sell, assign, transfer and set over unto ADI, its successors and assigns, the entire right, title and interest in and to the invention and all improvements thereon, in and to the application for letters patent thereon, in and to applications pertaining to or based upon the invention and application, including divisional and continuing applications and continuations-in-part, and in and to any and all letters patent which may be granted and issued on the invention and applications, or any of them, in the United States of America, its territories and possessions, and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

I also agree that I will, at the request of ADI, execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that ADI may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in ADI the undivided interests in the right, title and interest in the invention, applications and letters patent.

I also authorize and empower ADI, its successors and assigns to apply for and obtain, in its or their own names, letters patent for the invention before competent International Authorities and in any and all countries foreign to the United States in which applications for letters patent can be so made or letters patent so obtained.

Signed at LIMERICK, IRELAND ____, 27 JULY ___, 2011 (city and country) (date) (city and country)

Marcus O'Sullivan

BRADLEY

Sillivor WITNESS PAUL O SULLIVA

PATENT REEL: 047579 FRAME: 0888

RECORDED: 06/05/2017