#### 502076308 09/27/2012

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
Timothy Gallagher	09/11/2012	
Jun Huang	09/06/2012	
Patrick Tierney	09/07/2012	

## RECEIVING PARTY DATA

Name:	MaxLinear, Inc.
Street Address:	2051 Palomar Airport Road
Internal Address:	Suite 100
City:	Carlsbad
State/Country:	CALIFORNIA
Postal Code:	92011

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13607916

# CORRESPONDENCE DATA

Fax Number: 3127758100

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 312-775-8000

Email: mhmpto@mcandrews-ip.com Correspondent Name: McAndrews, Held & Malloy, Ltd.

500 W. Madison St. Address Line 1:

Address Line 2: 34th Fl.

Address Line 4: Chicago, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	24351US02
NAME OF SUBMITTER:	Chad M. Gilles

## Total Attachments: 4

source=24351US02\_Assignment\_executed#page1.tif source=24351US02\_Assignment\_executed#page2.tif source=24351US02\_Assignment\_executed#page3.tif

source=24351US02\_Assignment\_executed#page4.tif

**PATENT** REEL: 029034 FRAME: 0905

Docket No. 24351US02

Assignment of rights for patent application entitled: "Method and Apparatus for Spectrum Monitoring"

Docket No: 24351US01 Serial No: 13/607,916

Inventors: Timothy Gallagher, Patrick Tierney, Filed on: September 10, 2012

Jun Huang

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assigns to MaxLinear, Inc. incorporated under the laws of the state of Delaware, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: "Method and Apparatus for Spectrum Monitoring" and identified as File No. 24351US02, in the offices of McAndrews, Held & Malloy, Ltd., in United States Provisional Patent Application Serial No. 61/532,098 filed on September 8, 2011, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, re-examination, reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

Each of the undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

Each of the undersigned warrants himself/herself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations, each of the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional, re-examination, extension, and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue, re-examination, or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations each of the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Docket No. 24351US02

Assignment of rights for patent application entitled: "Method and Apparatus for Spectrum Monitoring"

Assignment of rights for patent application entitled: "Method and Apparatus for Spectrum Monitoring"

WITNESS my hand this	6 <sup>th</sup>	day of	September		,2012.
·			<b>"</b>		
			Juntum		
			Jun Hay	ano	

Docket No. 24351US02

Assignment of rights for patent application entitled: "Method and Apparatus for Spectrum Monitoring"

WITNESS my hand thisd	ay of <u>September</u> , 2012.
en entrementalista de la proposición dela proposición de la proposición de la proposición dela proposición de la proposición de la proposición de la proposición dela proposición de la proposición de la proposición de la proposición dela proposición de la proposici	Potrick Figures

4 of 4

PATENT REEL: 029034 FRAME: 0909