502060836 09/13/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andreas Detlefsen	07/25/2012
Ravi Challa	08/28/2012

RECEIVING PARTY DATA

Name:	EPCOS AG	
Street Address:	StMartin-Strasse 53	
City:	Muenchen	
State/Country:	GERMANY	
Postal Code:	81669	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13521403

CORRESPONDENCE DATA

Fax Number: 9727329218 Phone: 972-732-1001

Email: docketing@slater-matsil.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Slater & Matsil, L.L.P. 17950 Preston Rd. Address Line 1: Address Line 2: Suite 1000

Address Line 4: Dallas, TEXAS 75252

ATTORNEY DOCKET NUMBER: EPC-202 NAME OF SUBMITTER: Courtney Danglade

Total Attachments: 4

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> **PATENT** REEL: 028958 FRAME: 0531

Attorney Docket No. EPC-202

ASSIGNMENT

For good and valuable consideration, I, Andreas Detlefsen, residing at Eichendorffstr. 16,

82223 Eichenau, Germany, a citizen of Germany; Ravi Challa, residing at 29 Mira Mesa, Rancho

Santa Margarita, California 92688, a citizen of India;

hereby sell, assign, and transfer to EPCOS AG, a corporation organized and existing under

the laws of Germany, having its principal place of business at St.-Martin-Strasse 53, 81669,

Muenchen, Germany;

hereinafter "Assignee," its successors, assigns and legal representatives, the entire right, title

and interest in and for the United States and all foreign countries, in and to any and all

improvements which are disclosed in the application for United States Letters Patent, which has

been executed by the undersigned concurrently herewithin, and is entitled:

DMS Filter Having Improved Signal Suppression in the Stop Band

and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other

applications for Letters Patent which have been or shall be filed in the United States and all foreign

countries on any of said improvements; and in and to all original and reissued patents which have

been or shall be filed in the United States and all foreign countries on said improvements;

Agree that Assignce may apply for and receive Letters Patent for said improvements in its

own name, and that, when requested, without charge to but at the expense of said Assignee, their

successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this

agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and

all other patent applications on any and all said improvements; execute all rightful oaths,

assignments, powers of attorney and other papers; communicate to said Assignee, its successors,

assigns, and representatives, all facts known to the undersigned relating to said improvements and

the history thereof; and generally do everything possible which said Assignee, its successors,

assigns, or representatives shall consider desirable for aiding in securing and maintaining proper

patent protection for said improvements and for vesting title to said improvements and all

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PATENT REEL: 028958 FRAME: 0532 applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	July 25, 2012	Andreas Delleper
Date:		Ravi Challa

Attorney Docket No. EPC-202

ASSIGNMENT

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Date:		Andreas Detlefsen
Date:	08/28/2014	Ravi Challa