

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tobias Krems	02/17/2012
Ravi Challa	06/04/2012
RECEIVING PARTY DATA	
Name:	EPCOS AG
Street Address:	St.-Martin-Strasse 53
City:	Muenchen
State/Country:	GERMANY
Postal Code:	81669
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13331937
CORRESPONDENCE DATA	
Fax Number:	(972)732-9218
Phone:	972-732-1001
Email:	docketing@slater-matsil.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Slater & Matsil, L.L.P.
Address Line 1:	17950 Preston Rd.
Address Line 2:	Suite 1000
Address Line 4:	Dallas, TEXAS 75252
ATTORNEY DOCKET NUMBER:	EPC-181
NAME OF SUBMITTER:	Courtney Danglade
Total Attachments: 4 source=PTO_EPC-181_Assignment_PTO#page1.tif source=PTO_EPC-181_Assignment_PTO#page2.tif source=PTO_EPC-181_Assignment_PTO#page3.tif source=PTO_EPC-181_Assignment_PTO#page4.tif	

CH \$40.00 13331937

ASSIGNMENT

For good and valuable consideration, I, **Tobias Krems**, residing at Hoehenkircherstr. 4, 81247 Muenchen, 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:

Surface Acoustic Wave Filter and Duplexer Component

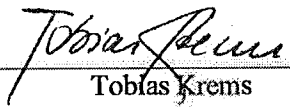
and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that Assignee 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

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: FEBRUARY 17, 2012


Tobias Krems

Date: _____

Ravi Challa

ASSIGNMENT

For good and valuable consideration, I, **Tobias Krems**, residing at Hoehenkircherstr. 4, 81247 Muenchen, 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:

Surface Acoustic Wave Filter and Duplexer Component

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 Assignee 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

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: _____

Tobias Krems

Date: 06/04/2012



Ravi Challa