

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6566773

| | | |
|---|---|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | QUALCOMM GERMANY RFFE GMBH | 06/06/2019 |
| RECEIVING PARTY DATA | | |
| Name: | RF360 EUROPE GMBH | |
| Street Address: | ANZINGER STR. 13 | |
| City: | MUNICH | |
| State/Country: | GERMANY | |
| Postal Code: | 81671 | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 16977753 |
| CORRESPONDENCE DATA | | |
| Fax Number: | (713)623-4846 | |
| <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: | 7136234844 | |
| Email: | psdocketing@pattersonsheridan.com, tthomas@pattersonsheridan.com | |
| Correspondent Name: | PATTERSON & SHERIDAN, LLP | |
| Address Line 1: | 24 GREENWAY PLAZA | |
| Address Line 2: | SUITE 1600 | |
| Address Line 4: | HOUSTON, TEXAS 77046 | |
| ATTORNEY DOCKET NUMBER: | QUAL/181383USP | |
| NAME OF SUBMITTER: | TAMMI THOMAS | |
| SIGNATURE: | /TAMMI THOMAS/ | |
| DATE SIGNED: | 02/23/2021 | |
| Total Attachments: 5 | | |
| source=181383DE_ASG_QC GermanytoRF360_Signed#page1.tif | | |
| source=181383DE_ASG_QC GermanytoRF360_Signed#page2.tif | | |
| source=181383DE_ASG_QC GermanytoRF360_Signed#page3.tif | | |
| source=181383DE_ASG_QC GermanytoRF360_Signed#page4.tif | | |

ASSIGNMENT

This Patent Assignment ("**Patent Assignment**") is made by **Qualcomm Germany RFFE GmbH**, a corporation organized under the laws of the Germany, having its principal place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., (hereinafter "**ASSIGNOR**") to **RF360 Europe GmbH**, a Qualcomm-TDK Joint Venture duly organized under the laws of Germany and having its address at Anzinger Strasse 13, 81671 Munich, Germany (hereinafter "**ASSIGNEE**").

WHEREAS, ASSIGNOR desires to sell, assign and transfer to ASSIGNEE the Patent Applications, as defined below in this Patent Assignment.

WHEREAS, ASSIGNOR has agreed, subject to the terms and conditions of this Assignment, to assign, transfer, and sell to ASSIGNEE all right, title, and interest in, to and under: (i) all inventions, discoveries, and improvements claimed or described in Exhibit 1; (ii) any patent applications which may hereafter be filed based on the inventions, discoveries, and improvements claimed or described in Exhibit 1, including without limitation all provisional and priority applications relating thereto; (iii) all patents issuing on or from any patent applications which may be filed based on the inventions, discoveries, and improvements claimed or described in Exhibit 1; and (iv) all reissues, reexaminations, extensions, divisionals, renewals, continuations, continuations-in-part and counterparts (whether foreign or domestic) claiming priority to any of the foregoing items in (i), (ii) or (iii) above, along with all patents issuing therefrom (subsections (i), (ii), (iii), and (iv) hereinafter collectively referred to as the "**Transferred IP**"); and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Assignment of Transferred IP. ASSIGNOR does hereby sell, assign, transfer, convey and deliver unto ASSIGNEE, its successors, legal representatives and assigns, all right, title and interest throughout the world in, to and under the Transferred IP, including without limitation all foreign patents and any and all rights of priority under international conventions, treaties or agreements based on or relating to the Transferred IP.

2. Patent Offices Recordation. ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States of America, the German Patent and Trademark Office and any Official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications, to record ASSIGNEE as the assignee and owner of the Transferred IP and to issue all patents for the Transferred IP to and in the name of ASSIGNEE, its successors, legal representatives and assigns, as the assignee to the entire interest therein, in accordance with the terms of this Patent Assignment.

3. Assignment of Enforcement Rights. ASSIGNOR hereby assigns, transfers, conveys and delivers to ASSIGNEE, its successors, legal representatives and assigns, all rights of enforcement, all claims for damages and all remedies arising out of, relating to or resulting from the Transferred IP or any infringement or violation(s) thereof, whether accrued prior to the date of this Patent Assignment or hereafter, including but not limited to the right to sue for, seek, collect, recover and retain damages and any other relief arising out of or resulting from any past, present or future infringement or violation of any of the Transferred IP, and all other rights, including common law rights, that ASSIGNOR may have relating to the Transferred IP, including but not limited to any ongoing or prospective royalties to which ASSIGNOR may be entitled, or that ASSIGNOR may collect for any infringements of any of the Transferred IP or from any settlement or agreement related to the Transferred IP arising before or after the date of this Patent Assignment, such rights to be held and enjoyed by ASSIGNEE, its successors, legal

representatives and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this Patent Assignment had not been made.

4. Representations and Further Assurances. ASSIGNOR hereby represents that it has full right, power and authority to sell, assign, transfer, convey and deliver all of the subject matter set forth herein, and hereby agrees that upon the written request of ASSIGNEE and without further compensation, ASSIGNOR shall execute, acknowledge, and deliver all the instruments and documents and shall take all the actions reasonably necessary or required by law to consummate and make fully effective the transaction contemplated by this Patent Assignment and will communicate promptly to ASSIGNEE all facts known to ASSIGNOR respecting the Transferred IP, and will sign all lawful papers, transfer all file histories, make diligent effort to find or reach every inventor of the Transferred IP necessary or appropriate in connection with preparation of any lawful document or proceeding relating to the Transferred IP, make reasonable efforts to obtain all necessary or appropriate signed and executed documents relating to the Transferred IP from every inventor named in the Transferred IP, make all rightful declarations and/or oaths and generally do everything possible to aid ASSIGNEE to obtain patent protection for the Transferred IP on a worldwide basis in all countries and for perfecting, recording, or maintaining the title of ASSIGNEE in and to the Transferred IP in the United States and throughout the world.

5. Severability. If any provision in this Patent Assignment is held to be invalid or unenforceable in whole or in part (the "Invalid Provision"), the remaining portions of such provision (if any) and the other provisions in this Patent Assignment will remain in full force and effect, and the Invalid Provision will remain in effect to the maximum extent allowed by law.

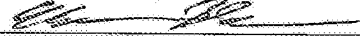
6. Successors and Assigns. This Patent Assignment and all the provisions hereof shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and permitted assigns. Nothing herein, express or implied, shall give or be construed to give to any person, other than the parties hereto and such permitted assigns, any legal or equitable rights hereunder.

7. Counterparts. This Patent Assignment may be executed in multiple consecutive counterparts (including by facsimile), each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument. This Patent Assignment shall become effective when each party has signed one or more counterparts and delivered them (by facsimile or otherwise) to the other party.

[The Remainder of This Page Is Left Intentionally Blank]

IN WITNESS WHEREOF, I hereunto set my hand to this Patent Assignment this 6 day of June, 2019.

Qualcomm Germany RFFE GmbH

By: 

Printed Name: Christian Block

Title: Managing Director

IN WITNESS WHEREOF, acknowledged and accepted on this 7 day of July,
2019.

RF360 Europe GmbH

By: [Signature]

Printed Name: Gishberg, Stefan

Title: VPE Director

RF360 Europe GmbH

By: _____

Printed Name: _____

Title: _____

Exhibit 1

Patent Applications

| Qualcomm Reference No. | German Application No. | Filing Date | Title |
|-----------------------------------|-----------------------------------|--------------------|---|
| 181302DE | 102018112847.9 | May 29, 2018 | MULTIPLEXER CIRCUIT WITH IMPROVED ISOLATION AND MULTIPLEXER COMPONENT |
| 181383DE | 102018105290.1 | March 7, 2018 | SAW DEVICE UTILIZING A THIN PIEZOELECTRIC LAYER |
| 182413DE | 102018108608.3 | April 11, 2018 | BAW RESONATOR WITH IMPROVED POWER DURABILITY AND HEAT RESISTANCE AND RF FILTER COMPRISING A BAW RESONATOR |
| 183491DE | 102019101888.9 | January 25, 2019 | CONFIGURABLE MICRO-ACOUSTIC RF FILTER |
| 183742DE | 102018131054.4 | December 5, 2018 | MICRO-ACOUSTIC RF FILTER |
| 184029DE | 102019106794.4 | March 18, 2019 | CU-BASED ELECTRODE WITH IMPROVED POWER DURABILITY |
| 184437DE | 102018132904.0 | December 19, 2018 | PIEZOELECTRIC MATERIAL AND PIEZOELECTRIC DEVICE |
| 184438DE | 102018133377.3 | December 21, 2018 | PIEZOELECTRIC MATERIAL AND PIEZOELECTRIC DEVICE |
| 184829DE | 102018132890.7 | December 19, 2018 | MICRO-ACOUSTIC DEVICE AND METHOD OF MANUFACTURE |

End of Exhibit 1