

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6654434

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CONVEYING PARTY EXECUTION DATES FROM 2017 TO 2020 AND THE RECEIVING PARTY ON THE COVERSHEET FROM EPCOS AG TO SNAPTRACK, INC. previously recorded on Reel 055075 Frame 0483. Assignor(s) hereby confirms the CORRECT EXECUTION DATES ARE 12/04/2020 AND 12/08/2020 AND THE CORRECT RECEIVING PARTY IS SNAPTRACK, INC..

**CONVEYING PARTY DATA**

Name	Execution Date
MIGUEL ANGEL FALAGAN BOBILLO	12/04/2020
ANDREAS DETLEFSEN	12/08/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	SNAPTRACK, INC.
<b>Street Address:</b>	5775 MOREHOUSE DRIVE
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16347119

**CORRESPONDENCE DATA**

**Fax Number:** (858)658-2502

*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.*

**Email:** us-docketing@qualcomm.com

**Correspondent Name:** QUALCOMM INCORPORATED

**Address Line 1:** 5775 MOREHOUSE DRIVE

**Address Line 4:** SAN DIEGO, CALIFORNIA 92121

<b>ATTORNEY DOCKET NUMBER:</b>	172231
<b>NAME OF SUBMITTER:</b>	AMANDA LEE
<b>SIGNATURE:</b>	/Amanda Lee/
<b>DATE SIGNED:</b>	04/13/2021

**Total Attachments: 9**

source=172231\_Assignment\_correction#page1.tif  
 source=172231\_Assignment\_correction#page2.tif

source=172231\_Assignment\_correction#page3.tif  
source=172231\_Assignment\_correction#page4.tif  
source=172231\_Assignment\_correction#page5.tif  
source=172231\_Assignment\_correction#page6.tif  
source=172231\_Assignment\_correction#page7.tif  
source=172231\_Assignment\_correction#page8.tif  
source=172231\_Assignment\_correction#page9.tif

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6523357

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MIGUEL ANGEL FALAGAN BOBILLO	02/01/2017
ANDREAS DETLEFSEN	02/01/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EPCOS AG
<b>Street Address:</b>	ST. MARTIN STR. 53
<b>City:</b>	MUNICH
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	81669
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16347119
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)658-2502
<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>	
<b>Phone:</b>	8586510159
<b>Email:</b>	tbadet@qualcomm.com
<b>Correspondent Name:</b>	QUALCOMM INCORPORATED
<b>Address Line 1:</b>	5775 MOREHOUSE DRIVE
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121
<b>ATTORNEY DOCKET NUMBER:</b>	172231
<b>NAME OF SUBMITTER:</b>	THERESA BADET
<b>SIGNATURE:</b>	/Theresa Badet/
<b>DATE SIGNED:</b>	01/29/2021
<b>Total Attachments: 7</b>	
source=172231_ASG_INV_signed all#page1.tif	
source=172231_ASG_INV_signed all#page2.tif	
source=172231_ASG_INV_signed all#page3.tif	
source=172231_ASG_INV_signed all#page4.tif	
source=172231_ASG_INV_signed all#page5.tif	

source=172231\_ASG\_INV\_signed all#page6.tif

source=172231\_ASG\_INV\_signed all#page7.tif

## ASSIGNMENT AGREEMENT

Whereas, the following named inventors (each individually referred to as "INVENTOR"):

1. Miguel Angel Falagan Bobillo, a citizen of Spain, having a mailing address located at St. - Martin - Str. 53, 81669 Munich, Germany, and a resident of Munich, Germany, and
2. Andreas Detlefsen, a citizen of Germany, having a mailing address located at St. - Martin - Str. 53, 81669 Munich, Germany, and a resident of Eichenau, Bavaria, Germany,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to: (1) "RF Module and Method for Testing and RF Module" (collectively, the "INVENTIONS"); and

WHEREAS, each INVENTOR has executed and/or may execute one or more patent applications for the INVENTIONS; and

WHEREAS, on or about February 1, 2017, in exchange of good and valuable consideration received, EPCOS AG ("EPCOS"), an entity organized under the laws of Germany having a place of business at St. - Martin - Str. 53, 81669 Munich, Germany, assigned the INVENTIONS and the Patent Items (as defined below) and all rights of priority relating to the Patent Items to SnapTrack, Inc., a corporation organized under the laws of California, having a place of business at 5775 Morehouse Drive, San Diego, California 92121, U.S.A., by execution of an instrument entitled "Master Confirmatory Patent Assignment". SnapTrack, Inc., acknowledged and accepted the purported assignment of the Patent Items and all rights of priority relating to the Patent Items. SnapTrack, Inc., now wishes to confirm that it has acquired the entire interest in said INVENTIONS and Patent Items from each INVENTOR named herein.

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, each INVENTOR hereby agrees with SnapTrack, Inc., as follows.

### AGREEMENT:

1. Each INVENTOR acknowledges and/or agrees to the following:
  - a. At the time of creation or conception of the INVENTIONS, each INVENTOR was employed by EPCOS, and, hence, the INVENTIONS belonged then to EPCOS,

because *inter alia* the INVENTIONS were made in the course of the normal duties of each INVENTOR and in circumstances where the INVENTIONS are reasonably expected to result from carrying out each INVENTOR's duties.

b. Further, at the outset of INVENTOR's employment with EPCOS, and prior to the date of conception of the INVENTIONS, each INVENTOR believes that INVENTOR assigned, transferred, and conveyed to EPCOS, all of INVENTOR's rights, title, and interest in and to all inventions or improvements conceived or developed by INVENTOR during the course of INVENTOR's employment by EPCOS, together with all patents and patent applications corresponding to such inventions or improvements based thereon (the "PRIOR AGREEMENT").

c. At the time of the creation or conception of the INVENTIONS, INVENTOR was solely employed by EPCOS and under no obligation to assign ownership of the INVENTIONS to any other entity.

d. By INVENTOR's PRIOR AGREEMENT, INVENTOR has previously Assigned to EPCOS all right, title, and interest in, to and under: (i) the INVENTIONS; (ii) all patent applications that have been filed or may be filed based on the INVENTIONS, including but not limited to the patent applications identified in the schedule of the exhibit attached hereto as Exhibit 1, together with all provisional and non-provisional applications relating or claiming priority thereto; (iii) all patents issuing on, from, or claiming priority to any of the patent applications that have been filed or may be filed based on the INVENTIONS, including but not limited to the patent applications identified in Exhibit 1; (iv) all reissues, reexaminations, extensions, divisions, renewals, continuations, continuations-in-part and all worldwide counterparts claiming priority to any of the foregoing items in (ii) or (iii) above, along with all patents issuing therefrom; and (v) all inventions and improvements claimed or described in the foregoing items, including but not limited to the INVENTIONS (where subsections (i), (ii), (iii), (iv), and (v) are collectively referred to as the "Patent Items"); and

e. Each INVENTOR has previously also Assigned to EPCOS all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said Patent Items.

f. Each INVENTOR has been fully compensated by EPCOS for the Assignment of the INVENTIONS and the Patent Items to EPCOS under the PRIOR AGREEMENT.

2. Each INVENTOR now agrees to the following:

a. To the extent that the PRIOR AGREEMENT did not Assign INVENTOR's entire (i) rights of priority under International Conventions, Treaties, or International Agreements to EPCOS, and (ii) right, title, and interest in and to the Patent Items to

Assignment Agreement

EPCOS, INVENTOR hereby Assigns and transfers INVENTOR's entire remaining interest (if any) in and to such INVENTIONS, rights of priority, and the Patent Items, throughout the world, to SnapTrack, Inc. with an effective date of February 1, 2017. By execution of this Assignment Agreement (this "Agreement"). SnapTrack, Inc., hereby accepts such Assignment of INVENTOR's remaining interest (if any) in and to such INVENTIONS, rights of priority, and the Patent Items.

b. INVENTOR hereby Assigns and transfers to SnapTrack, Inc., any and all claims for damages and all remedies, throughout the world, arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to this Agreement, or that may accrue in the future, including but not limited to (i) the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which INVENTOR may be entitled related to any of the INVENTIONS or Patent Items, and (ii) that INVENTOR may collect for any infringement or from any settlement or agreement related to any of the INVENTIONS or Patent Items.

c. INVENTOR shall communicate promptly to SnapTrack, Inc., (and its successors, legal representatives, and assigns) any facts known to INVENTOR with respect to the INVENTIONS. INVENTOR shall testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to SnapTrack, Inc., (and its successors, legal representatives, and assigns) to obtain and enforce patent protection for said INVENTIONS or Patent Items in all countries.

d. INVENTOR authorizes and requests that the Commissioner of Patents of Germany, the Commissioner of Patents of the United States, and any Official of any country or countries foreign to Germany and the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS or Patent Items to SnapTrack, Inc., (or its successors, legal representatives and assigns) in accordance with the terms of this Agreement.

e. INVENTOR covenants not to execute any writing or do any act whatsoever conflicting with this Agreement.

f. INVENTOR and SnapTrack, Inc., agree that this Agreement may be executed in multiple counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same document. A signature page delivered by electronic means shall be deemed an original for all purposes.

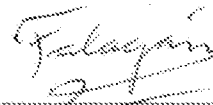
[INVENTORS' SIGNATURE PAGE]

Done at

On

MUNICH, GERMANY

2020-12-4



LOCATION

DATE: YYYY-MM-DD

Miguel Angel Falagan  
Bobillo

LOCATION

DATE: YYYY-MM-DD

Andreas Detlefsen



[INVENTORS' SIGNATURE PAGE]

Done at

On

LOCATION

DATE: YYYY-MM-DD

Miguel Angel Falagan  
Bobillo

*Eichenau*

*2020-12-08*

*Andreas Detlefsen*

LOCATION

DATE: YYYY-MM-DD

Andreas Detlefsen

Assignment Agreement

[SnapTrack, Inc.'s SIGNATURE PAGE]

IN WITNESS WHEREOF, SnapTrack, Inc., has caused this Agreement to be accepted by and through its duly authorized representative effective as of the date set forth below.

SnapTrack, Inc.

By:  \_\_\_\_\_

Printed Name: David Marr

Title: VP and Legal Counsel

Date: January 26, 2021

Assignment Agreement

## EXHIBIT 1

## Patents and Patent Applications

Country	Title	Status	Patent Application Number	Filed Date	Patent Number	Issue Date
DE	RF module and method for testing an RF module	Application	102016123474.5	12/05/2016		
US	RF module and method for testing an RF module	Application	16/347,119	11/28/2017		
WO	RF module and method for testing an RF module	Expired	PCT/US2017/063452	11/28/2017		
CN	RF module and method for testing an RF module	Application	201780070576.7	11/28/2017		
IN	RF module and method for testing an RF module	Application	201947016459	11/28/2017		
EP	RF module and method for testing an RF module	Application	17822092.7	11/28/2017		

END OF PATENT SCHEDULE

Assignment Agreement