PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARIUS MOE	12/15/2017
ESPEN WIUM	12/15/2017
TOMAS MOTOS	12/15/2017
HAGEN CLEMENS GRAF	12/15/2017

RECEIVING PARTY DATA

Name:	TEXAS INSTRUMENTS INCORPORATED
Street Address:	12500 TI BOULEVARD
Internal Address:	M/S 3999
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75243

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15845290

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	TI-78512
NAME OF SUBMITTER:	BETTY FORMBY
SIGNATURE:	/Betty Formby/
DATE SIGNED:	12/18/2017

Total Attachments: 2

PATENT REEL: 044423 FRAME: 0515 source=TI-78512 Assignment#page1.tif source=TI-78512 Assignment#page2.tif

PATENT REEL: 044423 FRAME: 0516 Application No. 15/845,290

Attorney Docket No. TI-78512

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented	certair
new and useful improvements as below entitled, for which application for United States Letters Patent is made.	

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 12500 TI Boulevard, M/S 3999, Dallas, Texas 75243, Is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon, as well as to U.S. Provisional Application No(s). ________, filed _______;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	ELECTRONIC DEVICE AND MI	ETHOD FOR LOW POWER	RF RANGING
NONPROVISIONAL APPLICATION NO.	15/845,290	FILING DATE	December 18, 2017

SIGNATURE OF INVENTOR	Marin Mae
PRINTED NAME OF INVENTOR	Marius Moe
DATE	15/12-2017
RESIDENCE (CITY AND STATE)	Fetsund, Norway

PATENT REEL: 044423 FRAME: 0517

SIGNATURE OF INVENTOR	E2 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
PRINTED NAME OF INVENTOR	Espen Wium
DATE	15. Dec. 2017
RESIDENCE (CITY AND STATE)	Oslo, Norway
SIGNATURE OF INVENTOR	Moto
PRINTED NAME OF INVENTOR	Tomas Motos
DATE	12/15/2017
RESIDENCE (CITY AND STATE)	Hamar, Norway
SIGNATURE OF INVENTOR	W. C.
PRINTED NAME OF INVENTOR	Hagen Clemens Graf
DATE	12/15/2017
RESIDENCE (CITY AND STATE)	Oslo, Norway

After recording, return Assignment to:

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

PATENT REEL: 044423 FRAME: 0518

RECORDED: 12/18/2017