

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID ALEXANDRE ENGELIEN-LOPES	09/27/2016
SVERRE WICHLUND	09/28/2016
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<b>Property Type</b>	<b>Number</b>
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<b>SIGNATURE:</b>	/ Robert F. Scotti /
<b>DATE SIGNED:</b>	10/14/2016
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

WHEREAS, we, David Alexandre Engelién-Lopes, of Trondheim, Norway, Sverre Wichlund, of Trondheim, Norway, and Phil Corbishley, of Oxfordshire, Great Britain, have invented a certain invention, s described in the following patent applications:

Great Britain Patent Application No. 1322682.4, filed on December 20, 2013, entitled  
“USING MULTIPLE CORRELATORS TO DETERMINE SIGNAL SENT AND  
FREQUENCY OFFSET,”

PCT Patent Application No. PCT/GB2014/053649, filed on December 10, 2014, entitled  
“USING MULTIPLE CORRELATORS TO DETERMINE SIGNAL SENT AND  
FREQUENCY OFFSET,”

U.S. Patent Application No. 15/106,141, filed on June 17, 2016, entitled “USING  
MULTIPLE CORRELATORS TO DETERMINE SIGNAL SENT AND  
FREQUENCY OFFSET,”

which applications are collectively referred to as “the patent applications.”

WHEREAS, Nordic Semiconductor ASA, a corporation organized under the laws of Norway, having a place of business at Otto Nielsens veg 12, N-7004, Trondheim, Norway, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, David Alexandre Engelién-Lopes, Sverre Wichlund, and Phil Corbishley hereby sell, assign, and transfer to Nordic Semiconductor ASA, the full and exclusive right, title, and interest in and to said invention, patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Nordic Semiconductor ASA, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and

sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Nordic Semiconductor ASA, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Nordic Semiconductor ASA, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to Nordic Semiconductor ASA.

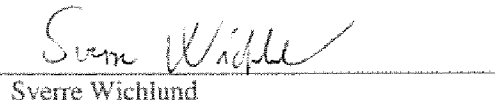
We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed on the date opposite our respective signatures below.

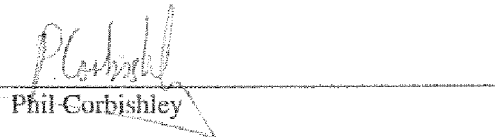
on this 27 day of September, 2016.

  
David Alexandre Engelien-Lopes

on this 28 day of Sept, 2016.

  
Sverre Wichlund

on this 20 day of September, 2016.

  
Phil Corbishley