

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	AART ZEGER VAN HALTEREN	01/11/2018
<b>RECEIVING PARTY DATA</b>		
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<b>City:</b>	HOOFFDORP	
<b>State/Country:</b>	NETHERLANDS	
<b>Postal Code:</b>	2132 LS	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15858231	
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	247161-000206USPT	
<b>NAME OF SUBMITTER:</b>	JUSTIN D. SWINDELLS	
<b>SIGNATURE:</b>	/Justin D. Swindells - Reg. No. 48,733/	
<b>DATE SIGNED:</b>	01/12/2018	
<b>Total Attachments: 2</b>		
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Customer Number: 70001

ASSIGNMENT  
Docket No. 247161-0000206USPT

ASSIGNMENT

WHEREAS, I, AART ZEGER VAN HALTEREN, have invented certain new and useful improvements in the following: "A CIRCUIT AND A RECEIVER COMPRISING THE CIRCUIT", for which I have made application for United States Letters Patent, the said application filed on December 29, 2017, as Application Serial No. 15/858,231; and

WHEREAS, SONION NEDERLAND B.V. of Taurusavenue 143, 2132 LS, Hoofddorp, The Netherlands, a corporation organized and existing under the laws of the Country of The Netherlands (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives the entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all provisionals, divisions, reissues, substitutions, continuations, continuation-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Customer Number: 70001

**ASSIGNMENT**  
Docket No. 247161-0000206USPT

Executed this <sup>th</sup> 11 day of January, 2018

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Name: Aart Zeger van Halteren