PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jens Hofrichter	11/12/2019
Guy MEYNANTS	12/01/2019
Josef PERTL	11/13/2019
Thomas Troxler	11/12/2019

RECEIVING PARTY DATA

Name:	AMS INTERNATIONAL AG	
Street Address:	RIETSTRASSE 4	
City:	RAPPERSWIL	
State/Country:	SWITZERLAND	
Postal Code:	8640	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16608272

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	47275-0418US1	
NAME OF SUBMITTER:	CAROL TYRRELL	
SIGNATURE:	/Carol Tyrrell/	
DATE SIGNED:	01/29/2020	

Total Attachments: 5

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PATENT 505887681 REEL: 051651 FRAME: 0841

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> PATENT REEL: 051651 FRAME: 0842

Attorney Docket No.: 47275-0418US1 / P2017;0358 US N

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JENS HOFRICHTER, GUY MEYNANTS, JOSEF PERTL, and THOMAS TROXLER, each individually assigns to AMS INTERNATIONAL AG, a corporation formed under the laws of Switzerland and having a principal place of business at Rietstrasse 4, Rapperswil, 8640, Switzerland, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "SEMICONDUCTOR DEVICE FOR INDIRECT DETECTION OF ELECTROMAGNETIC RADIATION AND METHOD OF PRODUCTION," and was filed in the United States Patent and Trademark Office on October 25, 2019, as application 16/608,272 (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignce's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide

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all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

JENS HOFRICHTER

Date: 12 Nov 19

Witnessed by:

Signature:

1/2011 Date: 12 NOU 19

Print Name: TROKER THOMAS

GUY MEYNANTS

Date: 1/2/2019

Witnessed by:

Signature:

Date: 1/12 (2019)

Print Name: IRIS VAN CRIEKRY

Attorney Docket No.: 47275-0418US1 / P2017,0558 US N

Date: 15 NOVEMBER ZOAS

Witnessed by:

Signature: R. 19. 100 EMBER 2019

Print Name: Rosaland KALCHER

Signature: 1. Mars Date: 12. November 2019

Print Name: Thomas Hills

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RECORDED: 01/29/2020