505022630 07/26/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hsun-Hsien Chang	07/18/2018
Noam Weinstein	07/19/2018
Eric Wolff	07/20/2018
Philipp Robbel	07/20/2018
Jacob C. Cheuvront	07/20/2018
Karl lagnemma	07/24/2018
Katarzyna Anna Marczuk	07/20/2018

RECEIVING PARTY DATA

Name:	APTIV TECHNOLOGIES LIMITED	
Street Address:	ERIN COURT, BISHOP'S COURT HILL	
City:	ST. MICHAEL	
State/Country:	BARBADOS	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16013459
Application Number:	62522254

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Phone: +1 (202) 626-6428

Email: apsi@fr.com

Correspondent Name: AYAN ROY-CHOWDHURY **Address Line 1:** FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	46154-0068001
NAME OF SUBMITTER:	JENNIFER FRANCO
SIGNATURE:	/Jennifer Franco/
DATE SIGNED:	07/26/2018

505022630 PATENT REEL: 046473 FRAME: 0768

Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif

PATENT REEL: 046473 FRAME: 0769

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, I/we, HSUN-HSIEN CHANG, NOAM WEINSTEIN, ERIC WOLFF, PHILIPP ROBBEL, JACOB C. CHEUVRONT, KARL IAGNEMMA, and KATARZYNA ANNA MARCZUK, each individually assigns to APTIV TECHNOLOGIES LIMITED, a company incorporated and existing under Companies Act CAP 308 of the laws of Barbados (company number 41949) and licensed to operate as an International Business Company under the International Business Companies Act CAP 77 of the laws of Barbados, and having its registered office at Erin Court, Bishop's Court Hill, St. Michael, Barbados, 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 "RISK PROCESSING FOR VEHICLES HAVING AUTONOMOUS DRIVING CAPABILITIES." and was or will be filed in the United States Patent and Trademark Office on June 20, 2018, as application 16/013,459 (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 Assignee'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.

Assignment Page 1 of 8

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 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.

Hsun-Hsien Chang

Print Name: Marthew 1.

Witnessed by

Date:

Assignment Page 2 of 8

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 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.

Noam Weinstein

Date: July 19, 2018

Witnessed by:

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 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.

Witnessed by:

Signature: Manue: Month Date: 7/20/8

Print Name: Houn Hoisen Chang

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 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.

Date: 7/20/2018 Philipp Robbel

Witnessed by:

Signature: Date: 7/20/2018

Print Name: Hsun Hsien Chang

We will communicate to the Assignce (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 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.

Date: July 20, 2018

Witnessed by:

Signature: Date: 20 JULY 2018

Print Name: ASMIMANYUSINUM

Assignment Page 6 of 8

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 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.

M J Date: Tuly 24, 2018

Witnessed by:

Signature: Date: 7/24/2018

Print Name: HSUN HSien Chang

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 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.

rlanuk

Date: 20 July Ed F

Katarzyna Anna Marczuk

Witnessed by:

Signature:

Date: 20 JULY 2018

Print Name: ABNIMANYU SINGH

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