PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONGXIN ZHOU	06/16/2017

RECEIVING PARTY DATA

Name:	IRDETO USA, INC.
Street Address:	5250 LANKERSHIM BLVD.
Internal Address:	SUITE 750
City:	NORTH HOLLYWOOD
State/Country:	CALIFORNIA
Postal Code:	91601

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	14430908
Application Number:	14389358
Application Number:	14389361

CORRESPONDENCE DATA

Fax Number:

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: 202-459-9882

Email: docketing.rimonlaw@thomsonreuters.com,

marc.kaufman@rimonlaw.com

Correspondent Name: MARC S. KAUFMAN

Address Line 1: ONE EMBARCADERO CENTER

Address Line 2: SUITE 400

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

NAME OF SUBMITTER:	MARC S. KAUFMAN
SIGNATURE:	/Marc S. Kaufman/
DATE SIGNED:	08/08/2017

Total Attachments: 2

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PATENT 504492808 REEL: 043224 FRAME: 0363

CONFIRMATORY ASSIGNMENT

PARTIES:

(1) The "Assignor": Yongxin ZHOU of Megum, WI, USA 53.92

(2) The "Assignee": Irdeto USA, Inc. having an address of 5250 Lankershim Blvd, Suite 750, North Hollywood, CA 91601, United States of America

BACKGROUND:

(a) The Assignor claims to be the inventor, or one of the inventors, of the inventions (hereafter called "the Inventions") described in the specifications accompanying the applications for a patent, details of which are set out in the Schedule hereto (hereinafter called "the Applications");

(b) The Assignor wishes to confirm the Assignee's ownership of all rights, title, interest and property in the Applications and the Inventions and to transfer to the Assignee any and all of that which may not previously have been passed to the Assignee under the following terms:

OPERATIVE PROVISIONS:

 For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Assignor hereby assigns unto the Assignee to the extent of his right, title and interest therein (if any):

 all of the Assignor's rights, title, interest and property in the Inventions and the Applications, free from all licenses, charges and other encumbrances, with full title guarantee;

ii) the right to file further applications to obtain patents in respect of the whole or any part or parts of or improvements to the Inventions throughout the world ("Further Applications") and/or to obtain other forms of protection to the intent that those Further Applications and other forms of protection shall be in the name of and shall vest in the Assignee;

iii) the full and exclusive benefit of the Inventions, Applications and Further Applications, and other forms of protection and all rights, privileges and advantages appertaining thereto, together with the right to obtain any extensions and supplementary protection certificates;

iv) the right to recover and to bring proceedings to recover damages and/or to obtain other remedies in respect of infringement of the Applications, Further Applications and other forms of protection relating to the Inventions whether committed before or after the date of this Assignment:

v) the right to claim priority from the Applications or Further Applications under the terms of the International convention and any treaties;

 vi) the right to file divisional applications and continuations of the Applications and Further Applications; and

vii) the right to make improvements to the Inventions and to apply for and obtain patents or other forms of intellectual property protection in the name of the Assignee in respect of the improvements which shall vest in the Assignee:

to the intent that the Inventions, Applications, Further Applications and other forms of protection and all rights, privileges and advantages appertaining thereto shall be in the name of and shall vest in the Assignee TO HOLD the same unto the Assignee absolutely.

- At the request and cost of the Assignee, the Assignor will execute and sign all such instruments, applications, deeds, documents and do all such acts and things as may be reasonably required by the Assignee to enable the Assignee or its nominee to: (a) enjoy the full and exclusive benefit of the Inventions and the Applications and of the property rights hereby assigned; (b) fully and effectively vest the same in the Assignee; and (c) formally register the Assignee's title in the same at the relevant Patent Office.
- The Assignor hereby covenants:
 - that the Assignor has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Inventions or any other part of the property and rights hereby assigned;
 - (ii) that the Assignor has not disclosed and will not hereafter disclose the Inventions or any information whatsoever concerning the same to any person firm or company other than the

- Assignee or as it shall direct or permit, and
- (iii) that the Assignor will give to the Assignee all information in their possession or in their power relating to the Inventions and the method of using or employing the same as the Assignee shall require.
- 4. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and assigns as well as any subsidiary companies of the parties hereto.
- The parties will co-operate and consult with one another in good faith, if necessary in the future to carry out the intent of this agreement.
- This Agreement shall be governed by and construed in accordance with the laws of the United States of America and the parties for this purpose hereby submit to the exclusive jurisdiction of the United States of America.

IN WITNESS whereof the parties have executed this document on the date written below.

SCHEDULE A

COUNTRY	PATENT APPLICATION	FILING DATE	IRDETO	AGENT
00011111	NUMBER	I ILING DATE		
			REFERENCE	REFERENCE
PCT	PCT/EP2013/056617	27-Mar-2013	2012_10_002	P125034WO00
China	201380053018.1	27-Mar-2013	2012 10 002	P125034CN00
Europe	13715927.3	27-Mar-2013	2012 10 002	P125034EP00
The United States of America	14/430908	27-Mar-2013	2012 10 002	P125034US00
PCT	PCT/CA2013/000305	28-Mar-2013	2012 02 001	P126283WO00
China	201380028121.0	28-Mar-2013	2012 02 001	P126283CN00
Europe	13767371.1	28-Mar-2013	2012 02 001	P126283EP00
The United States of America	14/389361	28-Mar-2013	2012 02 001	P126283US00
PCT	PCT/CA2013/000304	28-Mar-2013	2012_02_002	P126283WO03
China	201380028192.0	28-Mar-2013	2012 02 002	P126283CN03
Europe	13768730.7	28-Mar-2013	2012_02_002	P126283EP03
The United States of America	14/389358	28-Mar-2013	2012 02 002	P126283US03
PCT	PCT/EP2013/056621	27-Mar-2013	2012_10_005	P126581WO00
China	201380053066.0	27-Mar-2013	2012_10_005	P126581CN00
Europe	13713845.9	27-Mar-2013	2012 10 005	P126581EP00
The United States of America	14/430907	27-Mar-2013	2012_10_005	P126581US00

EXECUTED by Yongxin ZHOU	DATE: JUNE 16 2017
in the presence of:	
Name of Witness:	Signature of Witness:
EXECUTED by Irdeto USA, Inc.	DATE:
in the presence of:	
Name of Witness:	Signature of Witness:

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