503843595 05/26/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3890243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>
IRDETO CANADA CORPORATION	03/18/2013

### **RECEIVING PARTY DATA**

Name:	IRDETO B.V.
Street Address:	TAURUSAVENUE 105
City:	HOOFDDORP
State/Country:	NETHERLANDS
Postal Code:	2130 LS

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13634724

### **CORRESPONDENCE DATA**

**Fax Number:** (202)414-9299

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:** 202-414-9200

**Email:** ptoipinbox@reedsmith.com

Correspondent Name: MARC S. KAUFMAN, REED SMITH LLP

Address Line 1: P.O. BOX 488

Address Line 4: PITTSBURGH, PENNSYLVANIA 15230

ATTORNEY DOCKET NUMBER:	14-30022-US
NAME OF SUBMITTER:	MARC S. KAUFMAN
SIGNATURE:	/Marc S. Kaufman/
DATE SIGNED:	05/26/2016

### **Total Attachments: 18**

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# ASSIGNMENT AND ACQUISITION OF INTELLECTUAL PROPERTY ASSETS

between

IRDETO CANADA CORPORATION

and

IRDETO B.V.

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SCHEDULES 1 AND 2

**THIS AGREEMENT** is dated March 15, 2013.

**PARTIES** 

(1) Irdeto Canada Corporation, a company incorporated and registered Canada,

with its principal place of business at 2500 Solandt Road, Ottowa, ON K2K

3G5, Canada (Assignor, and in the alternative Seller).

(2)Irdeto B.V., a company incorporated and registered in The Netherlands, with

company number 34073774 whose registered office is at Taurusavenue 105, 2130 LS Hoofddorp, The Netherlands (Assignee, and in the alternative

Purchaser).

Hereinafter also referred to individually as "Party" or collectively as "Parties";

BACKGROUND

WHEREAS, Seller and Purchaser desire that Purchaser acquires, on

the terms and conditions set forth in this Agreement, all rights, titles and interests in Seller's Intellectual Property and other related intangibles as defined in this

Agreement;

NOW, THEREFORE, in consideration of the mutual premises, and covenants

contained herein, and for other good and valuable consideration, the receipt and

sufficiency of which is hereby acknowledged the Parties hereto agree as follows:

AGREED TERMS

1. INTERPRETATION

The definitions and rules of interpretation in this clause apply in this 1.1

agreement.

Effective Date: The effective date shall be March 31, 2013.

Intellectual Property: "Intellectual Property" means all right, title and interest

in or relating to intellectual property, whether protected, created or arising under the laws of Canada or any other jurisdiction, including: (i) all patents and applications therefor, including all continuations, divisionals, and

continuations-in-part thereof and patents issuing thereon, along with all

reissues, reexaminations and extensions thereof (collectively, "Patents"); (ii)

all trademarks, service marks, trade names, service names, brand names, trade

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dress rights, logos, corporate names, trade styles, logos and other source or business identifiers and general intangibles of a like nature, together with the goodwill associated with any of the foregoing, along with all applications, registrations, renewals and extensions thereof (collectively, "Marks"); (iii) all Internet domain names; (iv) all copyrights and all mask works, databases and design rights, whether or not registered or published, all registrations and recordations thereof and all applications in connection therewith, along with all reversions, extensions and renewals thereof (collectively, "Copyrights"); (iv) trade secrets ("Trade Secrets"); and (v) know-how.

Assignor's Intellectual Property: means all of the Intellectual Property of Assignor, including without limitation the Patents, Marks, and Copyrights which are set out in Schedule 1 attached hereto and by this reference incorporated herein.

**Excluded Intellectual Property:** means such Intellectual Property of Assignor specifically itemized in Schedule 2 attached hereto and by this reference incorporated herein.

**Transferred Assets:** shall have the meaning as set forth in Section 2.1 below.

Taxes: shall mean all taxes associated with the purchase and sale of the Transferred Assets described herein, including without limitation, withholding, sales, use, excise, franchise, value-added, consumption, GST and similar indirect taxes, and all customs, duties or other governmental impositions, excluding taxes calculated on net or gross income or receipts.

VAT: value added tax imposed in any member state of the European Union pursuant to Council Directive (EC) 2006/112 on the common system of value added tax and national legislation implementing that Directive or any predecessor to it, or supplemental to that Directive, or any similar tax which may be substituted for or levied in addition to it or any value added, sales, turnover or similar tax imposed in any country that is not a member of the European Union.

- 1.2 Clause and Schedule headings shall not affect the interpretation of this agreement.
- 1.3 The Schedules form part of this agreement and shall have effect as if set out in full in the body of this agreement. Any reference to this agreement includes the Schedules.



- 1.4 References to clauses and Schedules are to the clauses and Schedules of this agreement.
- 1.5 Unless the context otherwise requires, words in the singular shall include the plural and in the plural include the singular.
- 1.6 Unless the context otherwise requires, a reference to one gender shall include a reference to the other genders.
- 1.7 A reference to a statute or statutory provision shall include any subordinate legislation made from time to time under that statute or statutory provision.
- 1.8 Writing or written includes faxes but not e-mail.
- 1.9 Any words following the terms **including, include**, **in particular** or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms.
- 1.10 A **person** includes a natural person, corporate or unincorporated body (whether or not having separate legal personality) [and that person's legal and personal representatives, successors and permitted assigns].

### 2. ASSIGNMENT

- 2.1 Subject to Section 2.4 below, and expressly excluding the Excluded Intellectual Property, in consideration of the sum of USD 1.- (one US dollar) ("Purchase Price") the Assignor hereby sells, transfers, conveys' and assigns to Assignee, and Assignee hereby purchases, receives, accepts and acquires from Assignor, all of such Assignor's rights, titles and interests in and to the Transferred Assets, including any associated goodwill. Transferred Assets means all Assignor's Intellectual Property, however excluding the Excluded Intellectual Property. The Transferred Assets shall include registered, unregistered and in-development:
  - (a) the absolute entitlement to any Marks, Patents and Copyrights comprised in the such Transferred Assets; and
  - (b) all statutory and common law rights attaching to the Marks, Patents and Copyrights which are part of the Transferred Assets, together with the goodwill of the business relating to the goods or services in respect of which such intellectual property assets are registered or used; and
  - (c) the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in



respect of any infringement, or any other cause of action (including passing off) arising from ownership, of any of the Marks, Patents and Copyrights which are part of the Transferred Assets whether occurring before, on or after the date of this agreement.

- 2.2 Subject to Section 2.4 below and pursuant to the transfer of the Transferred Assets herein, and for the avoidance of doubt and to the extent legally permissible, Assignor hereby assigns, delegates and transfers to Assignee and Assignee hereby irrevocably and unconditionally assumes and accepts from Assignor any and all risks (economic or otherwise) associated with the Transferred Assets (collectively the "Obligations"). It is the intent of the Parties that Assignee shall be fully and solely responsible for, and Assignee does hereby expressly assume and accept full and sole responsibility for, the Obligations as of the Effective Date.
- 2.3 In no event shall any tangible property assets of Assignor be transferred pursuant to this Agreement. Assignee acknowledges and agrees that each item of/within such Transferred Assets is assigned, sold and purchased subject to any pre-existing rights or encumbrances.
- 2.4 Notwithstanding anything set forth above in this Section or the Agreement, no Excluded Intellectual Property shall be transferred or assigned hereunder, and shall remain with and be reserved by Assignor. For avoidance of doubt, nothing in this Agreement shall serve to alter or modify any of Assignor's rights, title and interest in and to its Excluded Intellectual Property.

#### 3. PAYMENT

3.1 The Purchase Price payable to Seller will be paid on the Effective Date in cash, cash equivalents and/or netted if possible to Seller's intercompany debt to Purchaser if allowed under currency and accounting regulations as of the Effective Date to the bank account designated by Seller. The Purchase Price will be paid by Purchaser to Seller in US Dollars.

### 3.2 Fair Market Value:

(a) Seller and Purchaser confirm that the Purchase Price is intended to be the third party arm's length fair market value of the Transferred Assets as of the Effective Date. If any taxing authority having jurisdiction over the Parties asserts, by assessment or reassessment, proposed assessment or reassessment or otherwise, that the fair market value of the Transferred Assets as of the Effective Date differs from the Purchase Price (an "assessment"), then the Purchase



Price will be adjusted to an amount: (i) agreed to by both the taxing authorities in the Netherlands and the USA in settlement of such assessment; (ii) that serves as the basis for such assessment against which no defence or appeal is taken by either Party; or (iii) that is established by a court or tribunal of competent jurisdiction following which no appeals have been taken by either Party or any relevant tax authority and the time for making any such appeal has expired.

- (b) If Seller and Purchaser determine subsequent to the Effective Date, based on Information (including financial accounting information) not available to them prior to the Effective Date, that the fair market value of the Transferred Assets as of the Effective Date differs from the Purchase Price for such Transferred Assets, then the Purchase Price of such Transferred will be increased or decreased, as the case may be, to an amount equal to the adjusted fair market value of such Transferred Assets as agreed by Seller and Purchaser.
- (c) The Purchase Price, if and as adjusted pursuant to Section 3.2(a) or Section 3.2(b) with respect to the Transferred Assets of Seller, shall constitute the Purchase Price under this Agreement. If an adjusting payment is required to reflect the adjusted fair market value of the Transferred Assets and the resulting adjusted Purchase Price, Purchaser shall pay Seller an amount equal to such increase in the Purchase Price or Seller shall return to Purchaser an amount equal to such decrease in the Purchase Price, as applicable.

### 4. TAXES AND VAT

- 4.1 Each Party shall be responsible for its own income, capital gain, or other similar taxes due in connection with the transactions contemplated by this Agreement.
- 4.2 The Purchase Price, is net of any Taxes, however designated, including without limitation any Value Added Tax ("VAT"). If any such payment constitutes the whole or any part of the consideration for a taxable or deemed taxable supply by the Assignor, the Assignee shall increase that payment by an amount equal to the VAT which is chargeable in respect of the taxable or deemed taxable supply, provided that the Assignor shall have delivered a valid VAT invoice in respect of such VAT to the Assignee.
- 4.3 If the Assignee fails to comply with its obligation under this clause 4, it shall additionally pay all interest and penalties which thereby arise to the Assignor.



### 5. FURTHER ASSURANCE

Assignor hereby covenants and agrees (and shall cause any necessary third party) to take any and all such further actions and execute such documents as may be reasonably requested by Assignee in order to further effect the assignments, transfers, conveyances and deliveries set forth in this Agreement, and to enable Assignee to fully vest, maintain, perfect, or enforce Assignee's rights in and to the Transferred Assets transferred hereunder by Assignor. To the extent that legal title to any of the Transferred Assets may not be transferred to Assignee as of the Effective Date for any reason, Assignor shall from the Effective Date hold the legal title in each such Transferred Asset in trust for Assignee, until such time as such transfer is effected.

#### 6. REPRESENTATIONS AND WARRANTIES

- Each Party represents and warrants to the other Party that (a) it has full power, authority and legal right to execute and deliver this Agreement and to perform its obligations hereunder and (b) this Agreement constitutes its legal, valid and binding obligation, enforceable against such Party in accordance with its terms.
- Assignee shall indemnify and hold harmless Assignor, and its directors, officers, shareholders, representatives and agents, from and against any and all third party claims, losses, damages, demands, liabilities, obligations, actions and causes of action, of any kind or nature whatsoever in law or in equity arising out of or related to the Obligations.

#### 7. WAIVER

7.1 No failure or delay by a party to exercise any right or remedy provided under this agreement or by law shall constitute a waiver of that or any other right or remedy, nor shall it preclude or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall preclude or restrict the further exercise of that or any other right or remedy.

### 8. ENTIRE AGREEMENT

- This agreement constitutes the whole agreement between the parties and supersedes all previous agreements between the parties relating to its subject matter.
- Each party acknowledges that, in entering into this agreement, it has not relied on, and shall have no right or remedy in respect of, any statement,



representation, assurance or warranty (whether made negligently or innocently) other than as expressly set out in this agreement.

8.3 Nothing in this clause shall limit or exclude any liability for fraud.

#### 9. VARIATION

9.1 No variation of this agreement shall be effective unless it is in writing and signed by the parties (or their authorised representatives).

#### 10. SEVERANCE

- 10.1 If any court or competent authority finds that any provision of this agreement (or part of any provision) is invalid, illegal or unenforceable, that provision or part-provision shall, to the extent required, be deemed to be deleted, and the validity and enforceability of the other provisions of this agreement shall not be affected.
- 10.2 If any invalid, unenforceable or illegal provision of this agreement would be valid, enforceable and legal if some part of it were deleted [, the provision shall apply with the minimum modification necessary to make it legal, valid and enforceable **OR** the parties shall negotiate in good faith to amend such provision such that, as amended, it is legal, valid and enforceable, and, to the greatest extent possible, achieves the parties' original commercial intention].

#### 11. COUNTERPARTS

11.1 This agreement may be executed in any number of counterparts, each of which when executed and delivered shall constitute an original of this agreement, but all the counterparts shall together constitute the same agreement.

### 12. THIRD PARTY RIGHTS

12.1 No person other than a party to this agreement shall have any rights to enforce any term of this agreement.

### 13. NOTICES

Any notice or other communication required to be given under this agreement shall be in writing and shall be delivered personally, or sent by pre-paid first-class post or recorded delivery or by commercial courier, to each party required to receive the notice or communication as set out below:



(a) Assignor:

Attention: CEO or CFO 2500 Solandt Road Ottowa, ON K2K 3G5, Canada

(b) Assignee:

Attention: CEO or CFO Taurusavenue 105 2130 LS Hoofddorp The Netherlands

or as otherwise specified by the relevant party by notice in writing to each other party.

- 13.2 Any notice or other communication shall be deemed to have been duly received:
  - (a) if delivered personally, when left at the address and for the contact referred to in this clause;
  - (b) if sent by pre-paid first-class post or recorded delivery, at 9.00 am on the second business day after posting; or
  - (c) if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed.
- 13.3 A notice or other communication required to be given under this agreement shall not be validly given if sent by e-mail.
- 13.4 The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.

### 14. GOVERNING LAW AND JURISDICTION

14.1 This Agreement shall be governed by and construed in accordance with the law of the Netherlands, including without limitation as the same applies to patents, copyrights, trademarks, and other Intellectual Property assets. The Parties specifically disclaim the application of the UN Convention on contracts for the international sale of goods to this Agreement. The Parties shall in first instance attempt to resolve any dispute between them relating to the Agreement by referring the matter to the parties' respective CEO's for resolution; failing any resolution, the dispute shall be determined by the competent Amsterdam court, the Netherlands, to whose exclusive jurisdiction both Parties hereby irrevocably submit.



**IN WITNESS WHEREOF**, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives, and made effective as of the Effective Date.

"Seller"

Irdeto Canada Corporation

By: Name:

Title:

Date signed: 18 Mosch 2013

"Purchaser" Irdeto B.V.

By:

Name; Germon Kroop

Title: CFO
Date signed; 15 march 2013

Address: Taurusavenue 105 2130 LS Hoofddorp

The Netherlands



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		21-Feb-2008	5764/DELNP/2009	AND DEVICE BEHAVIOURS	z	India	P120168	2007_05_003
	2126775	21-Feb-2008	08714653.6	SOFTWARE-MEDIATED PROGRAM	띤	European	P120168EP00	2007_05_003
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	WO/2008/101340	21-Feb-2008	2,678,951	SYSTEM AND METHOD FOR	CA	Canada	P120168CA00	2007_05_003
		23-Feb-07	14/266,252		SU	U.S.A.	P120169	2007_05_002
	AR065443	22-Feb-08	P080100743		AR	Argentina	P120169	2007_05_002
		22-Feb-2008	097106229		WT	Taiwan	P120169	2007_05_002
	97728	20-Feb-2008	0801000825	AND DEVICE BEHAVIOURS	로	Thailand	P120169	2007_05_002
		21-Feb-2008	5762/DELNP/2009	SOFTWARE-MEDIATED PROGRAM	Z	India	P120169	2007_05_002
	2126776	21-Feb-2008	08714655.1	INTERLOCKING TO PROTECT	띤	European	P120169EP00	2007_05_002
8161463	US-2008-0208560-A1	23-Feb-2007	11/980,392	SYSTEM AND METHOD FOR	SU	U.S.A.	P120169US01	2007_05_002
	US2008-0216051A1	23-Feb-2007	11/709,654		SU	U.S.A.	P120169US00	2007_05_002
ZL200880005942.1	CN 101627394A	21-Feb-2008	200880005942.1		CN N	China	P120169CN00	2007_05_002
		21-Feb-2008	2,678,953		CA	Canada	P120169CA00	2007_05_002
	TW200828944	14-Dec-07	96147786		WT	Taiwan	P120171	2006 12 001
		14-Dec-07	0701006429	FOR UNATTENDED APPLICATIONS	ᅻ	Thailand	P120171	2006 12 001
	AR064339A1	13-Dec-2007	P 07 01 05606		AR	Argentina	P120171	2006 12 001
	2115654	15-Nov-2007	07845518.5	ALITHITIO ATION CONTRAINED	T	European		12,
8424077	US2008-0148373A1	18-Dec-2006	11/640,371		SU	U.S.A.		2006 12 001
		15-Nov-2007	2 672 775		CA	Canada	P120171CA00	2006 12 001
7900041	US2005-0039025A1	22-Jul-2004	10/895,948	SOFTWARE CONDITIONAL ACCESS SYSTEM	SN	U.S.A.	P132443US00	2004_07_004
7966499	US2005-0166191A1	24-Jan-2005	11/039,817	SECURE METHOD ASYSTEM AND METHOD FOR OBSCURING BIT-WISE AND TWO'S COMPLEMENT INTEGER COMPUTATIONS IN SOFTWARE	S	U.S.A.	P132447US00	2004_01_001
7634091	US20050002532A1	30-Jan-2003	10/899,012	SYSTEM AND METHOD OF HIDING CRYPTOGRAPHIC PRIVATE KEYS	SN	U.S.A.	P132582US00	2002_01_002
/958554 8458792	US2004-0268322A1 US-2011-0214179-A1	24-May-2004 12-May-2011	10/851,131 13/106,519	COMPUTER PROTECTION	S	U.S.A.	P132444US01	2001_11_001
7350085	US2003163718	28-Feb-03	10/25/,333	MASS DATA ENCODING	SO	U.S.A.		4.
7950005	0175316000011	20 Eak 02	10/057 220	TAMPER RESISTANT SOFTWARE-	110	100		2000 00 000
7797549	US2005-0138392A1	28-Jun-2002	10/743,784	SECURE METHOD AND SYSTEM FOR BIOMETRIC VERIFICATION	SN	U.S.A.	P132479US00	2001_06_002
7506177	WO 02/095546	24-May-2002	10/478,678	TAMPER RESISTANT SOFTWARE ENCODING AND ANALYSIS	SN	U.S.A.	P132569US00	2001_05_001
				ATTACK				
7809135	US2006-0140401A1	27-Dec-2004	11/020,313	SYSTEM AND METHOD FOR PROTECTING COMPUTER SOFTWARE FROM A WHITE ROX	SU	U.S.A.	P132434US00	2000_12_003
7325141	US-2004-0078775-A1	05-Apr-2001	10/240,812	ACCESS  ACCESS	SU	U.S.A.	P132575US00	2000_04_004
6594761		09-Jun-99	09/329,117	ENCODING	SU	U.S.A.	P132448US00	1999_06_002
6842862	US20030221121A1	10-Jan-2003	10/340,410	TAMPER RESISTANT SOFTWARE	SU	U.S.A.	P132448US01	1999_06_002
Registration No	<b>Publication No</b>	Filing Date	<b>Application No</b>	Title	code	Country	Agent Ref	Irdeto Ref

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10848641.6 2,792,304 201080065909.5 7789/DELNP/2012 2013-501567	2,792,787 10848644.0 201080065944.7 7790/DELNP/2012 2013-501569 10-2012-7026744 13/637,811	2, /92, /82 10848642.4 201080065896.1 7791/DELNP/2012 2013-501568 10-2012-7028138 13/634,388	2,761,931,2 2,761,931,2 201080030733.X 9367/DELNP/2011 2012-508860 10-2011-7029157 13/319,561 2,776,913 09850175.2 200980162789.8 2921/DELNP/2012 2012-532425 10-2012-7011874 13/500,155	2,725,992 09753392.1 200980126751.5 8459/DELNP/2010 2011-510795 10-2010-7029804 12/992.325	200980118647.1 8286/DELNP/2010 2011-509832 2010-7028600 2,724,793 12/992,318 09749378.7
31-Mar-2010 31-Mar-2010 31-Mar-2010 31-Mar-2010 31-Mar-2010	31-Mar-2010 31-Mar-2010 31-Mar-2010 31-Mar-2010 31-Mar-2010 31-Mar-2010 31-Mar-2010	31. Mar 2010 31. Mar 2010 31. Mar 2010 31. Mar 2010 31. Mar 2010 31. Mar 2010 31. Mar 2010	06-May-2010 08-Oct-2009 08-Oct-2009 08-Oct-2009 08-Oct-2009 08-Oct-2009 08-Oct-2009	01-Jun-2009 01-Jun-2009 01-Jun-2009 01-Jun-2009 01-Jun-2009 01-Jun-2009	25-May-2009 25-May-2009 25-May-2009 25-May-2009 25-May-2009 25-May-2009 25-May-2009
2553570 CN 102939587 A 2013-524321	2553866 CN103081398A 1020130024897 US 2013-0024699 A1	2553571 CN 102947835 A 2013-524322 US 2013-0014274 A1	2430584 CN102483790A 03/2013 2012-526310 US 2012-0192283 A1 2486482 CN 102713839 A 47/2013 2013-507670 US 2012-0284792 A1	2281263 CN 102089767 A 09/2012 2011-522315 10-2011-0034622 US 2011-0093937 A1	CN102047220A 2011-521366 11-31426 US2011-0067012A1 2304552
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						2009_11_002 P	2012_02_007 P	2012_02_006 P	2012_02_002 P	2012_02_001 P	2012_03_001 n	2012_02_003 n	2012_01_003 n	2011_12_003 n	2011_11_003 n	2011_09_002 n	2011_07_002 n	2011_06_002 P 2011_06_002 P 2011_06_002 P 2011_06_002 P 2011_06_002 P 2011_06_002 P	008	-	-	2010_07_008 P	006
P122123EP00	P122123	P122123	P122123	P122123	P122123	P122123CA00	P126283WO01	P126283WO02	P126283WO03	P126283WO00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	P131699 P131699 P131699 P131699EP00 P131699ZA00	P126267	P126267	P126267	P126267EP00	P124395 P124395
European	U.S.A.	Republic of Korea	Japan	India	China	Canada	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT U.S.A. China European South Africa	U.S.A.	India	China	Canada European	Republic of Korea U.S.A.
₩ 6	SU	Š	P	Z	S	CA	WO	WO	WO	WO	WO	WO	WO	WO	WO	WO	WO	ZA E CN WO	SN	Z	S	₩ \$	S A
	ENVIRONMENTS	WITHIN HOSTILE EXECUTION	STATIC AND DYNAMIC ATTACKS	JAVA BY LECODE CODE AGAINST	SYSTEM AND METHOD TO PROTECT		SECURING ACCESSIBLE SYSTEMS USING DYNAMIC DATA MANGLING	SECURING ACCESSIBLE SYSTEMS USING CROSS-LINKING	SECURING ACCESSIBLE SYSTEMS USING VARIABLE DEPENDENT CODING	SECURING ACCESSIBLE SYSTEMS USING BASE FUNCTION ENCODING	METHOD AND SYSTEM FOR PREVENTING AND DETECTING SECURITY THREATS	SECURED EXECUTION OF A WEB APPLICATION	UPDATING SOFTWARE COMPONENTS	METHOD AND SYSTEM FOR CHAIN TRANSFORMATION	METHOD FOR PROTECTING DATA	SYSTEM AND METHOD FOR GENERATING AND PROTECTING CRYPTOGRAPHIC KEYS	METHOD AND APPARATUS FOR PROGRAM FLOW IN SOFTWARE OPERATION	METHOD AND SYSTEM FOR ENHANCING CONTENT SECURITY	DIFFERENTIAL ATTACKS	INSTANCES TO RESIST	MASSIVELY DIVERSE PROGRAM	EFFICIENTLY DEPLOYING	
10829403.4	13/499.495	10-2012-7015162	2012-538154	2458/DELNP/2012	201080048082.7	2,774,728	PCT/CA2013/000303	PCT/CA2013/000309	PCT/CA2013/000304	PCT/CA2013/000305	PCT/CA2012/000298	PCT/CA2012/000297	PCT/CA2012/000307	PCT/CA2012/000251	PCT/CA2012/000269	PCT/CA2012/000114	PCT/CA2012/000134	PCT/CA2011/001003 14/343,386 PCT/CA11/01003 11871859.2 2014/02006	13/812,404		201080069313.2	2,806,768 10855133.4	10-2012-7028136 13/634,724
12-Nov-2010	12-Nov-2010	12-Nov-2010	12-Nov-2010	12-Nov-2010	12-Nov-2010	12-Nov-2010	28-Mar-13	28-Mar-13	28-Mar-13	28-Mar-13	30-Mar-2012	30-Mar-2012	22-Mar-2012	21-Mar-2012	26-Mar-2012	09-Feb-2012	10-Feb-2012	07-Sep-2011 07-Sep-11 07-Sep-11 07-Sep-11 07-Sep-11	29-Jul-2010	29-Jul-2010	29-Jul-2010	29-Jul-2010 29-Jul-2010	31-Mar-2010 31-Mar-2010
2467800	US-2012-0246487-A1		2013-511077		CN102598017A	WO 2011/057393	WO/2013/142979	WO/2013/142983	WO/2013/142980	WO/2013/142981	WO/2013/142948	WO/2013/142947	WO/2013/138895	WO/2013/138894	WO/2013/142943	WO/2013/116916	WO/2013/116918	WO 2013/033807	US 2013-0125090 A1		CN103348319	2598987	US 2013-0014275 A1

2012_07_002 n/a	PCT \	WO	METHOD AND SYSTEM FOR PLATFORM AND USER APPLICATION PCT/CA2013/000288 SECURITY ON A DEVICE		26-Mar-2013	
2012_08_002 n/a	PCT \	OM	RENEWABLE MEDIA PATH SECURITY FOR DIGITAL CONTENT	PCT/US13/34444	28-Mar-2013	
Trademark	U.S.A. l	SU	CLOAKWARE	2,885,510		
Trademark	U.S.A. l	SU	CLOAKWARE	3,024,895		
Trademark	Community Trade Mark	λ .	CLOAKWARE	001567585		
Trademark	Canada (	CA	CLOAKWARE	535,592		
Trademark	Canada (	CA	CLOAKWARE	540,765		
Trademark	U.S.A. l	S	SECURE SOFTWAREFROM THE INSIDE OUT	3,077,415		
2012_10_006 P126580WO00 PCT		WO	PROCESSING DIGITAL CONTENT	PCT/EP2013/056740	28-Mar-13	WO2014/154288
2012_10_004 P126410WO00 PCT		WO	DETECTING EXPLOITS AGAINST SOFTWARE APPLICATIONS	PCT/CN2013/073388	28-Mar-13	WO2014/153760
2012_11_002 P125907WO00 PCT		WO	TAMPER RESISTANT CRYPTOGRAPHIC ALGORITHM IMPLEMENTATION	PCT/EP2013/056615	27-Mar-13	WO2014/154270
2012_10_001 P125888WO00 PCT		WO	PROTECTION OF DIGITAL CONTENT	PCT/EP2013/056745	28-Mar-13	WO2014/154291
2012_10_002 P125034WO00 PCT		WO	DATA PROCESSING	PCT/EP2013/056617	27-Mar-13	WO2014/154271
2012_10_005 P126581WO00 PCT		WO	AES IMPLEMENTATION WITH ERROR PCT/EP2013/056621		27-Mar-13	WO2014/154273



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**RECORDED: 05/26/2016** 

Irdeto Ref	Agent Ref	Applicant(s) at start of project	Target Applicant(s)	Country	Country	Title	Application No	Filing Date	Publication No	Registration No
2001_06_001	P132568US00	P132568US00 Cloakware Corporation	Irdeto Canada Corporation U.S.A.	U.S.A.	SU	METHOD AND SYSTEM FOR SUSTAINABLE DIGITAL WATERMARKING	10/478,696	10-Jun-2002	10-Jun-2002 US20050021966A1 7395433	7395433
2001_07_003	P132567US00	P132567US00 Cloakware Corporation	Irdeto Canada Corporation U.S.A.	U.S.A.	S	SECURE METHOD AND SYSTEM FOR HANDLING AND DISTRIBUTING DIGITAL MEDIA	10/485,320	26-Jul-2002	26-Jul-2002 US20050021989A1	7464269
2002_02_001	P132566US00	P132566US00 Cloakware Corporation	Irdeto Canada Corporation U.S.A.	U.S.A.	SU	SYSTEM AND METHOD OF FOILING BUFFER-OVERFLOW AND ALIEN-CODE ATTACKS	10/367,648	14-Feb-03	14-Feb-03 US2003172293	7730322
2010_03_007	n/a	Irdeto Canada Corporation		РСТ	WO	SYSTEM AND METHOD FOR RANDOM ALGORITHM SELECTION TO DYNAMICALLY CONCEAL THE OPERATION OF SOFTWARE	PCT/CA10/00393		WO11/116446	
2010_03_008	P124414CA00	P124414CA00 Irdeto Canada Corporation	-	Canada	CA		2,792,302	25-Mar-2010		
2010_03_008 2010_03_008	P124414EP00 P124414	Irdeto Canada Corporation Irdeto Canada Corporation	1 1	European China	9 9	SYSTEM AND METHOD 10848145.8 FOR DYNAMIC, VARIABLY- TIMED OPERATION PATHS 201080065759.8	10848145.8 201080065759.8	25-Mar-2010 2550622 25-Mar-2010 CN1029:	25-Mar-2010 2550622 25-Mar-2010 CN102939608A	
2010_03_008	P124414	Irdeto Canada Corporation		India	7 Z	AS A RESISTANCE TO SIDE CHANNEL AND	7792/DELNP/2012 25-Mar-2010 2013-500287 25-Mar-2010	25-Mar-2010 25-Mar-2010 2013-524305	2013-524305	
2010_03_008	P124414	Irdeto Canada Corporation	1	Republic of Korea	Ā <sup>9</sup>	REPEATED INVOCATION ATTACKS	6128	25-Mar-2010	00000	
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