TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM643153

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	First Lien Intellectual Property Security Agreement
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
RSA Security LLC		04/27/2021	Limited Liability Company: DELAWARE

RECEIVING PARTY DATA

Name:	JPMorgan Chase Bank, N.A., as collateral agent
Street Address:	383 Madison Avenue
City:	New York
State/Country:	NEW YORK
Postal Code:	10179
Entity Type:	National Association: UNITED STATES

PROPERTY NUMBERS Total: 17

Property Type	Number	Word Mark
Registration Number:	4140981	ARCHER
Registration Number:	3325062	ENVISION
Registration Number:	2674324	NETWITNESS
Registration Number:	1914609	RC2
Registration Number:	1911168	RC4
Registration Number:	5768047	RSA
Registration Number:	4070748	RSA
Registration Number:	4070749	RSA
Registration Number:	2464394	RSA
Registration Number:	2335885	RSA
Registration Number:	2345277	RSA
Registration Number:	2507742	RSA
Registration Number:	2594941	RSA SECURED
Registration Number:	5871464	SECURID
Registration Number:	1429087	SECURID
Registration Number:	1778802	SECURID
Registration Number:	2561120	SMART RULES

CH $440.00 4140981

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: 2136207848
Email: iprecordations@whitecase.com
Correspondent Name: Justine Lu/White & Case LLP
Address Line 1: 555 South Flower Street, 2700
Address Line 4: Los Angeles, CALIFORNIA 90071

ATTORNEY DOCKET NUMBER:	1107993-0223-S216
NAME OF SUBMITTER:	Justine Lu
SIGNATURE:	/Justine Lu/
DATE SIGNED:	04/29/2021

Total Attachments: 14

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FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT** (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "IP Security Agreement") dated April 27, 2021, is among the Persons listed on the signature pages hereof (collectively, the "Grantors") and JPMorgan Chase Bank, N.A. ("JPM"), as collateral agent (the "Collateral Agent") for the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, Redstone Holdco 1 LP, a Delaware limited partnership ("Holdings"), Redstone Holdco 2 LP, a Delaware limited partnership (the "Parent"), Redstone GP Holdco 2 LLC, a Delaware limited liability company ("Parent GP"), Redstone Buyer, LLC, a Delaware limited liability company ("Redstone Buyer"), Redstone Intermediate (Archer) Holdco LLC, a Delaware limited liability company ("Redstone Archer"), Redstone Intermediate (FRI) Holdco LLC, a Delaware limited liability company ("Redstone FRI"), Redstone Intermediate (NetWitness) Holdco LLC, a Delaware limited liability company ("Redstone NetWitness"), and Redstone Intermediate (SecurID) Holdco LLC, a Delaware limited liability company ("Redstone SecurID" and, collectively with the Parent, Redstone Buyer, Redstone Archer, Redstone FRI and Redstone NetWitness, the "Borrower") have entered into that certain First Lien Credit Agreement, dated as of April 27, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), with the Lenders from time to time party thereto and JPM, as Administrative Agent, Collateral Agent and an L/C Issuer. Capitalized terms defined in the Credit Agreement or in the Security Agreement (as defined below) and not otherwise defined herein are used herein as defined in the Credit Agreement or the Security Agreement, as the case may be (and in the event of a conflict, the applicable definition shall be the one given to such term in the Security Agreement).

WHEREAS, as a condition precedent to the making of the Loans by the Lenders from time to time and the issuance of Letters of Credit by the L/C Issuers from time to time, the entry into Secured Hedge Agreements by the Hedge Banks from time to time and the entry into Secured Cash Management Agreements by the Cash Management Banks from time to time, each Grantor has executed and delivered that certain First Lien Security Agreement, dated as of April 27, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), among the Grantors from time to time party thereto and the Collateral Agent.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed thereunder to execute this IP Security Agreement for recording with the USPTO and/or the USCO, as applicable.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

A. Grant of Security. Each Grantor, as collateral security for the prompt and complete payment and performance of the Secured Obligations of such Grantor, hereby grants to the Collateral Agent (and its successors and permitted assigns), for the benefit of the Secured Parties, a security interest in and to all of such Grantor's right, title and interest in and to the following, whether now owned or hereafter acquired by the undersigned (the "Collateral"):

a. all patents and patent applications, including, without limitation, those set forth in Schedule A hereto (the "Patents");

b. all trademark and service mark registrations and applications, including, without limitation, those set forth in Schedule B hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications prior to the filing and acceptance of a "Statement of Use" pursuant to Section 1(d) of the Lanham Act or an "Amendment to Allege Use" pursuant to Section 1(c) of the Lanham Act with respect thereto, to the extent that, and solely so long as, the creation of a security interest therein or the assignment thereof would impair the validity or enforceability of any registration that issues from such intent-to-use application under applicable federal law or result in the loss of any material rights therein), together with the goodwill symbolized thereby (the "Trademarks");

c. all copyrights, whether registered or unregistered, including, without limitation, the copyright registrations and applications set forth in Schedule C hereto (the "Copyrights");

d. all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

e. any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

f. any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing; provided that notwithstanding anything to the contrary contained in the foregoing clauses (a) through (f), the security interest created hereby shall not extend to, and the term "Collateral" shall not include, any Excluded Property.

B. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment of all Secured Obligations of such Grantor now or hereafter existing under or in respect of the Secured Documents (as such Secured Documents may be amended, restated, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time (including any increases of the principal amount outstanding thereunder)). Without limiting the generality of the foregoing, this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Secured Obligations that would be owed by such Grantor to any Secured Party under the Secured Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, or reorganization or similar proceeding involving a Loan Party.

C. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks record this IP Security Agreement.

D. Execution in Counterparts; Electronic Execution. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. The words "execution," "execute", "signed," "signature," and words of like import in this IP Security Agreement or any amendment or other modification hereof shall be deemed to include electronic signatures or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable Law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.

E. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this IP Security Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

F. Governing Law; Jurisdiction; Etc. Sections 10.15, 10.16 and 10.17 of the Credit Agreement are hereby incorporated by reference, *mutatis mutandis*.

G. Intercreditor Agreement. Notwithstanding any provision to the contrary in this IP Security Agreement (but without expanding the scope of the Collateral as set forth in this IP Security Agreement and the Credit Agreement), in the event of any conflict or inconsistency between the provisions of the First Lien/Second Lien Intercreditor Agreement (or any other intercreditor agreement entered into by the Collateral Agent in accordance with Section 9.11 of the Credit Agreement) and this IP Security Agreement, the provisions of the First Lien/Second Lien Intercreditor Agreement or such other intercreditor agreement, as applicable, shall prevail.

[SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, each Grantor and the Collateral Agent have caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.

RSA SECURITY LLC

DocuSigned by:

By: Rohit Ghai
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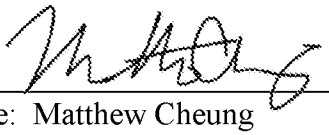
Name: Rohit Ghai
Title: Chief Executive Officer

JPMORGAN CHASE BANK, N.A.,
as Collateral Agent

By: 

Name: Matthew Cheung
Title: Vice President

Schedule A

PATENTS

No.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Expiration Date	Current Owner of Record
1.	Robust visual passwords	09815560	2001-03-23	7219368	2007-05-15	Granted	2022 Aug 29	RSA Security LLC
2.	Server-assisted regeneration of a strong secret from a weak secret	09804460	2001-03-12	7359507	2008-04-15	Granted	2023 Feb 28	RSA Security LLC
3.	Targeted delivery of informational content with privacy protection	09802278	2001-03-08	7472093	2008-12-30	Granted	2021 Mar 08	RSA Security LLC
4.	Order invariant fuzzy commitment system	09994476	2001-11-26	7602904	2009-10-13	Granted	2024 Aug 10	RSA Security LLC
5.	Storing digital secrets in a vault	11265539	2005-11-02	7739733	2010-06-15	Granted	2029 Apr 01	RSA Security LLC
6.	Detecting and preventing replay in authentication systems	11607836	2006-12-01	7810147	2010-10-05	Granted	2029 Apr 24	RSA Security LLC
7.	Encoding token commands/data within data streams for standard interfaces	11424427	2006-06-15	7831837	2010-11-09	Granted	2029 Apr 12	RSA Security LLC
8.	Method and apparatus for mitigating current drain in a low-power hand-held device	11862783	2007-09-27	7921311	2011-04-05	Granted	2029 Oct 17	RSA Security LLC
9.	Packaging for authentication tokens	12336381	2008-12-16	8006842	2011-08-30	Granted	2029 Jul 28	RSA Security LLC
10.	Reset-tolerant authentication device	11766301	2007-06-21	8046596	2011-10-25	Granted	2030 Aug 24	RSA Security LLC
11.	Techniques for carrying out seed or key derivation	11864001	2007-09-28	8059814	2011-11-15	Granted	2030 Sep 14	RSA Security LLC
12.	Secure seed provisioning	11824434	2007-06-29	8060750	2011-11-15	Granted	2030 Aug 24	RSA Security LLC
13.	Method and apparatus for testing authentication tokens	12336393	2008-12-16	8190906	2012-05-29	Granted	2031 Mar 29	RSA Security LLC
14.	Method and apparatus for secure validation of tokens	12114245	2008-05-02	8307210	2012-11-06	Granted	2031 Feb 12	RSA Security LLC
15.	Agile OTP generation	12895130	2010-09-30	8312519	2012-11-13	Granted	2031 Jun 18	RSA Security LLC

No.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Expiration Date	Current Owner of Record
16.	One-time password authentication employing local testing of candidate passwords from one-time password server	12750758	2010-03-31	8412928	2013-04-02	Granted	2031 Jun 26	RSA Security LLC
17.	Methods and apparatus for delegated authentication	11930738	2007-10-31	8413221	2013-04-02	Granted	2031 Nov 09	RSA Security LLC
18.	Virtual smart card through a PC/SC interface	12894502	2010-09-30	8453232	2013-05-28	Granted	2031 May 26	RSA Security LLC
19.	Device-based password management	12893684	2010-09-29	8499157	2013-07-30	Granted	2031 Sep 07	RSA Security LLC
20.	Automatically estimating clock offset	12826935	2010-06-30	8560837	2013-10-15	Granted	2031 Dec 10	RSA Security LLC
21.	Indicating errors in connection with devices	13226878	2011-09-07	8564453	2013-10-22	Granted	2032 May 30	RSA Security LLC
22.	Agile OTP generation	13663535	2012-10-30	8566916	2013-10-22	Granted	2030 Sep 30	RSA Security LLC
23.	Authentication using dynamic, client information based PIN	13173607	2011-06-30	8650405	2014-02-11	Granted	2031 Nov 17	RSA Security LLC
24.	Network event capture and retention system	11443325	2006-05-30	8676960	2014-03-18	Granted	2027 Apr 15	RSA Security LLC
25.	Soft token posture assessment	13435616	2012-03-30	8683563	2014-03-25	Granted	2032 Apr 05	RSA Security LLC
26.	Managing authentication of virtual clients	13432457	2012-03-28	8739257	2014-05-27	Granted	2032 Mar 28	RSA Security LLC
27.	Generating alerts in event management systems	13248572	2011-09-29	8739290	2014-05-27	Granted	2031 Sep 29	RSA Security LLC
28.	Processorless token for producing a one-time password	13532309	2012-06-25	8752148	2014-06-10	Granted	2032 Jun 25	RSA Security LLC
29.	Detecting soft token copies	13435848	2012-03-30	8752156	2014-06-10	Granted	2032 Jul 31	RSA Security LLC
30.	Generating authentication codes	12241166	2008-09-30	8756666	2014-06-17	Granted	2032 Jan 25	RSA Security LLC
31.	Authentication of a user accessing a protected resource using multi-channel protocol	13617159	2012-09-14	8769289	2014-07-01	Granted	2032 Sep 14	RSA Security LLC
32.	Mobile offline authentication using one-time passcodes	13627224	2012-09-26	8799655	2014-08-05	Granted	2032 Oct 04	RSA Security LLC

No.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Expiration Date	Current Owner of Record
33.	Content randomization for thwarting malicious software attacks	13716327	2012-12-17	8806627	2014-08-12	Granted	2032 Dec 17	RSA Security LLC
34.	Variable epoch scheduler for proactive cryptography systems	13731346	2012-12-31	8817988	2014-08-26	Granted	2032 Dec 31	RSA Security LLC
35.	Validating association of client devices with authenticated clients	13537594	2012-06-29	8819803	2014-08-26	Granted	2032 Aug 21	RSA Security LLC
36.	Agile OTP generation	14058389	2013-10-21	8850538	2014-09-30	Granted	2032 Oct 30	RSA Security LLC
37.	View computation and transmission for a set of keys refreshed over multiple epochs in a cryptographic device	13713658	2012-12-13	8874904	2014-10-28	Granted	2032 Dec 13	RSA Security LLC
38.	Preventing user enumeration by an authentication server	13630003	2012-09-28	8875255	2014-10-28	Granted	2032 Oct 04	RSA Security LLC
39.	Techniques for securing a one-time passcode with an alteration code	13731443	2012-12-31	8904482	2014-12-02	Granted	2032 Dec 31	RSA Security LLC
40.	Detection of tampering with software installed on a processing device	13625497	2012-09-24	8938805	2015-01-20	Granted	2033 Jan 23	RSA Security LLC
41.	Mobile device indentification by device element collection	13628441	2012-09-27	8965340	2015-02-24	Granted	2033 Apr 20	RSA Security LLC
42.	Protected resource access control utilizing credentials based on message authentication codes and hash chain values	13931083	2013-06-28	8984602	2015-03-17	Granted	2033 Aug 29	RSA Security LLC
43.	Cryptographic device operable in a challenge-response mode	13708322	2012-12-07	9015476	2015-04-21	Granted	2033 Jun 18	RSA Security LLC
44.	Online and offline validation of tokencodes	14031628	2013-09-19	9043605	2015-05-26	Granted	2033 Sep 19	RSA Security LLC
45.	Token-based key generation	13853207	2013-03-29	9071424	2015-06-30	Granted	2033 May 10	RSA Security LLC
46.	Layout design for a mobile application using selected governance, risk management and compliance rules	13838948	2013-03-15	9075583	2015-07-07	Granted	2033 Jun 10	RSA Security LLC

No.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Expiration Date	Current Owner of Record
47.	Knowledge-based authentication for restricting access to mobile devices	13625418	2012-09-24	9078129	2015-07-07	Granted	2032 Nov 02	RSA Security LLC
48.	Forward secure pseudorandom number generation resilient to forward clock attacks	13728271	2012-12-27	9083515	2015-07-14	Granted	2033 Aug 19	RSA Security LLC
49.	Agile OTP generation	14451839	2014-08-05	9118663	2015-08-25	Granted	2030 Oct 17	RSA Security LLC
50.	Authentication using security device with electronic interface	13803567	2013-03-14	9130753	2015-09-08	Granted	2033 Mar 14	RSA Security LLC
51.	Challenge-response authentication of a cryptographic device	13711859	2012-12-12	9154480	2015-10-06	Granted	2033 Mar 17	RSA Security LLC
52.	Increasing entropy for password and key generation on a mobile device	14036498	2013-09-25	9160744	2015-10-13	Granted	2033 Oct 21	RSA Security LLC
53.	Gateway mediated mobile device authentication	13539392	2012-06-30	9178880	2015-11-03	Granted	2032 Jun 30	RSA Security LLC
54.	Using link analysis in adversarial knowledge-based authentication model	13628642	2012-09-27	9202173	2015-12-01	Granted	2033 Nov 24	RSA Security LLC
55.	Multi-server authentication using proactivization journaling	13600641	2012-08-31	9230075	2016-01-05	Granted	2033 Oct 12	RSA Security LLC
56.	Computer system employing dual-band authentication	14038929	2013-09-27	9240988	2016-01-19	Granted	2033 Sep 27	RSA Security LLC
57.	Configurable one-time authentication tokens with improved resilience to attacks	13837259	2013-03-15	9270655	2016-02-23	Granted	2033 Jun 05	RSA Security LLC
58.	Server methods and apparatus for processing passcodes generated by configurable one-time authentication tokens	14662600	2015-03-19	9294473	2016-03-22	Granted	2033 Mar 15	RSA Security LLC
59.	Agile OTP generation	14710768	2015-05-13	9306942	2016-04-05	Granted	2030 Sep 30	RSA Security LLC
60.	Access point-authentication server combination	13853653	2013-03-29	9306943	2016-04-05	Granted	2033 Jul 22	RSA Security LLC
61.	Sharing a cryptographic device by partitioning challenge-response space	13708343	2012-12-07	9323909	2016-04-26	Granted	2033 Jun 19	RSA Security LLC

No.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Expiration Date	Current Owner of Record
62.	Message encryption and decryption utilizing low-entropy keys	14041150	2013-09-30	9325499	2016-04-26	Granted	2034 Aug 26	RSA Security LLC
63.	Distributing access and identification tokens in a mobile environment	14041125	2013-09-30	9332433	2016-05-03	Granted	2034 May 14	RSA Security LLC
64.	Recovery mechanism for fault-tolerant split-server passcode verification of one-time authentication tokens	14319417	2014-06-30	9350545	2016-05-24	Granted	2034 Nov 08	RSA Security LLC
65.	Distributed protection of credential stores utilizing multiple keys derived from a master key	14136423	2013-12-20	9374221	2016-06-21	Granted	2034 Jun 13	RSA Security LLC
66.	Authentication using cryptographic value derived from a shared secret of a near field communication tag	13917112	2013-06-13	9379894	2016-06-28	Granted	2033 Aug 22	RSA Security LLC
67.	Access management system	14488377	2014-09-17	9380076	2016-06-28	Granted	2034 Oct 07	RSA Security LLC
68.	Managing seed provisioning	13246406	2011-09-27	9398005	2016-07-19	Granted	2034 Apr 27	RSA Security LLC
69.	Network event capture and retention system	10727193	2003-12-03	9401838	2016-07-26	Granted	2029 Feb 09	RSA Security LLC
70.	Transferring soft token authentication capabilities to a new device	14036627	2013-09-25	9401905	2016-07-26	Granted	2034 May 20	RSA Security LLC
71.	User authentication	13628794	2012-09-27	9405891	2016-08-02	Granted	2032 Sep 27	RSA Security LLC
72.	Adding entropy to key generation on a mobile device	13927386	2013-06-26	9407441	2016-08-02	Granted	2034 Feb 02	RSA Security LLC
73.	Multi-server passcode verification for one-time authentication tokens with auxiliary channel compatibility	14144712	2013-12-31	9407631	2016-08-02	Granted	2034 Jun 02	RSA Security LLC
74.	Fast-flux detection utilizing domain name system information	14471540	2014-08-28	9426168	2016-08-23	Granted	2034 Dec 27	RSA Security LLC
75.	Split tokenization	13729155	2012-12-28	9430655	2016-08-30	Granted	2034 Jul 07	RSA Security LLC

No.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Expiration Date	Current Owner of Record
76.	Automated token renewal using OTP-based authentication codes	14500135	2014-09-29	9432339	2016-08-30	Granted	2035 Mar 19	RSA Security LLC
77.	Security-aware split-server passcode verification for one-time authentication tokens	14187248	2014-02-22	9432360	2016-08-30	Granted	2034 May 08	RSA Security LLC
78.	Network event capture and retention system	11442569	2006-05-26	9438470	2016-09-06	Granted	2027 Dec 30	RSA Security LLC
79.	Remote authentication using near field communication tag	13923764	2013-06-21	9571164	2017-02-14	Granted	2034 Oct 17	RSA Security LLC
80.	Dynamic knowledge-based user authentication without need for presentation of predetermined credential	12333385	2008-12-12	9674177	2017-06-06	Granted	2032 Oct 18	RSA Security LLC
81.	Detecting periodicity in a stream of events	14229028	2014-03-28	9690930	2017-06-27	Granted	2035 Nov 17	RSA Security LLC
82.	Recovery mechanism for fault-tolerant split-server passcode verification of one-time authentication tokens	15097773	2016-04-13	9749314	2017-08-29	Granted	2034 Jun 30	RSA Security LLC
83.	Managing use of security keys	13731455	2012-12-31	9774446	2017-09-26	Granted	2032 Dec 31	RSA Security LLC
84.	Distributed proactive password-based secret sharing	14984389	2015-12-30	9813244	2017-11-07	Granted	2036 Feb 10	RSA Security LLC
85.	Detection of malicious web activity in enterprise computer networks	15085551	2016-03-30	9838407	2017-12-05	Granted	2036 Jul 23	RSA Security LLC
86.	Detection and remediation of watering hole attacks directed against an enterprise	14954043	2015-11-30	9838419	2017-12-05	Granted	2036 Apr 29	RSA Security LLC
87.	Forward secure one-time authentication tokens with embedded time hints	13828503	2013-03-14	9871785	2018-01-16	Granted	2033 Jun 29	RSA Security LLC
88.	Key provisioning method and apparatus for authentication tokens	14092028	2013-11-27	9917694	2018-03-13	Granted	2034 Jun 01	RSA Security LLC
89.	Methods and apparatus for generalized password-based secret sharing	14984352	2015-12-30	9929860	2018-03-27	Granted	2036 Mar 27	RSA Security LLC

No.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Expiration Date	Current Owner of Record
90.	Security-aware single-server passcode verification for one-time authentication tokens	14266201	2014-04-30	9967251	2018-05-08	Granted	2036 Sep 11	RSA Security LLC
91.	Efficient detection of network anomalies	14972613	2015-12-17	9967275	2018-05-08	Granted	2036 Jun 07	RSA Security LLC
92.	Entropy-based beaconing detection	14969801	2015-12-15	9985980	2018-05-29	Granted	2036 Apr 13	RSA Security LLC
93.	Classifying potentially malicious and benign software modules through similarity analysis	15082731	2016-03-28	9998484	2018-06-12	Granted	2036 Aug 07	RSA Security LLC
94.	Method, apparatus and computer program product for verifying caller identification in voice communications	15490145	2017-04-18	10063699	2018-08-28	Granted	2037 Apr 18	RSA Security LLC
95.	Controlling user access to protected resource based on outcome of one-time passcode authentication token and predefined access policy	14266192	2014-04-30	10091204	2018-10-02	Granted	2036 Oct 09	RSA Security LLC
96.	Identification and removal of duplicate event records from a security information and event management database	15078375	2016-03-23	10108634	2018-10-23	Granted	2037 Feb 04	RSA Security LLC
97.	Managing use of security keys	15684087	2017-08-23	10116438	2018-10-30	Granted	2032 Dec 31	RSA Security LLC
98.	Server using proof-of-work technique for hardening against denial of service attacks	15194679	2016-06-28	10116693	2018-10-30	Granted	2037 Jan 01	RSA Security LLC
99.	Classifying software modules based on comparisons using a neighborhood distance metric	15191027	2016-06-23	10122742	2018-11-06	Granted	2037 Jun 27	RSA Security LLC
100.	Efficient operation of GRC processing platforms	14980252	2015-12-28	10140267	2018-11-27	Granted	2037 Jan 24	RSA Security LLC
101.	Authenticating by labeling	14227506	2014-03-27	10229260	2019-03-12	Granted	2034 Mar 27	RSA Security LLC
102.	Detecting periodic behavior in a communication session using clustering	15192034	2016-06-24	10230744	2019-03-12	Granted	2037 Jan 21	RSA Security LLC
103.	Authenticating by labeling	15434795	2017-02-16	10263972	2019-04-16	Granted	2034 Apr 28	RSA Security LLC

No.	Title	Application No.	Filing Date	Patent No.	Issue Date	Status	Expiration Date	Current Owner of Record
104.	Token seed protection for multi-factor authentication systems	15180284	2016-06-13	10289835	2019-05-14	Granted	2037 Jan 09	RSA Security LLC
105.	Method, apparatus and computer program product for assessing the risk of electronic communications using logon types	15581055	2017-04-28	10356120	2019-07-16	Granted	2038 Jan 30	RSA Security LLC
106.	Cryptographic device configured to transmit messages over an auxiliary channel embedded in passcodes	13711877	2012-12-12	10367642	2019-07-30	Granted	2034 Aug 13	RSA Security LLC
107.	Protecting key material using white-box cryptography and split key techniques	15664250	2017-07-31	10511436	2019-12-17	Granted	2038 Jan 13	RSA Security LLC
108.	Method, apparatus and article of manufacture for categorizing computerized messages into categories	15684235	2017-08-23	10594546	2020-03-17	Granted	2038 Jan 27	RSA Security LLC
109.	Predefined access policy implementation based on auxiliary information embedded in one-time authentication passcodes	16104280	2018-08-17	10673832	2020-06-02	Granted	2034 Jan 12	RSA Security LLC
110.	Methods and apparatus for computing estimated quantiles for streaming data over sliding windows	15192165	2016-06-24	10685018	2020-06-16	Granted	2038 Apr 30	RSA Security LLC
111.	Managing passwords	16176223	2018-10-31	10776481	2020-09-15	Granted	2039 Mar 19	RSA Security LLC
112.	Generating random pass-phrases using word-level recurrent neural networks	16264303	2019-01-31	10872610	2020-12-22	Granted	2039 May 09	RSA Security LLC
113.	Automated determination of device identifiers for risk-based access control in a computer network	16024594	2018-06-29	10885162	2021-01-05	Granted	2039 Jan 02	RSA Security LLC
114.	User authentication using scene composed of selected objects	16176083	2018-10-31	10949524	2021-03-16	Granted	2039 May 28	RSA Security LLC
115.	Cryptographic device with administrative access interface utilizing event-based one-time passcodes	16249474	2019-01-16	10951412	2021-03-16	Granted	2039 Jan 16	RSA Security LLC

Schedule B

TRADEMARKS

No.	Mark	Serial No./ Filing Date	Regn. No./ Regn. Date	Expiry	Class	Status	Current Owner of Record
1.	ARCHER	85122192 02-SEP-2010	4140981 15-MAY-2012	15-MAY-2022	9 35	Registered	RSA Security LLC
2.	ENVISION	76379056 06-MAR-2002	3325062 30-OCT-2007	30-OCT-2027	9	Registered	RSA Security LLC
3.	NETWITNESS	76313255 17-SEP-2001	2674324 14-JAN-2003	14-JAN-2023	9	Registered	RSA Security LLC
4.	RC2	74463806 29-NOV-1993	1914609 29-AUG-1995	29-AUG-2025	9	Registered	RSA Security LLC
5.	RC4	74463805 29-NOV-1993	1911168 15-AUG-1995	15-AUG-2025	9	Registered	RSA Security LLC
6.	RSA	88149695 10-OCT-2018	5768047 04-JUN-2019	04-JUN-2029	9 35 41 42	Registered	RSA Security LLC
7.	RSA	85322184 16-MAY-2011	4070748 13-DEC-2011	13-DEC-2021	42	Registered	RSA Security LLC
8.	RSA	85322231 16-MAY-2011	4070749 13-DEC-2011	13-DEC-2021	45	Registered	RSA Security LLC
9.	RSA	75697271 04-MAY-1999	2464394 26-JUN-2001	26-JUN-2021	9	Registered	RSA Security LLC
10.	RSA	75703025 11-MAY-1999	2335885 28-MAR-2000	28-MAR-2030	9	Registered	RSA Security LLC
11.	RSA	75697272 04-MAY-1999	2345277 25-APR-2000	25-APR-2030	35 41	Registered	RSA Security LLC
12.	RSA Design 	75753570 19-JUL-1999	2507742 13-NOV-2001	13-NOV-2021	9	Registered	RSA Security LLC
13.	RSA SECURED	75797804 13-SEP-1999	2594941 16-JUL-2002	16-JUL-2022	9	Registered	RSA Security LLC
14.	SECURID	88149704 10-OCT-2018	5871464 01-OCT-2019	01-OCT-2029	9 42	Registered	RSA Security LLC
15.	SECURID	73606553 26-JUN-1986	1429087 17-FEB-1987	17-FEB-2027	9	Registered	RSA Security LLC
16.	SECURID Design 	74330353 12-NOV-1992	1778802 29-JUN-1993	29-JUN-2023	9	Registered	RSA Security LLC
17.	SMART RULES	76006114 21-MAR-2000	2561120 16-APR-2002	16-APR-2022	9	Registered	RSA Security LLC