

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3054177

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VERISIGN, INC.	08/11/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SYMANTEC CORPORATION
<b>Street Address:</b>	350 ELLIS STREET
<b>City:</b>	MOUNTAIN VIEW
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94043
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8615809
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)433-5800
<i>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.</i>	
<b>Phone:</b>	(650)328-2799
<b>Email:</b>	kmoore@lowenstein.com
<b>Correspondent Name:</b>	PATENT DOCKET ADMINISTRATOR LOWENSTEIN
<b>Address Line 1:</b>	65 LIVINGSTON AVENUE
<b>Address Line 4:</b>	ROSELAND, NEW JERSEY 07068
<b>ATTORNEY DOCKET NUMBER:</b>	06224.296 (L0141C)
<b>NAME OF SUBMITTER:</b>	MARINA PORTNOVA
<b>SIGNATURE:</b>	/Marina Portnova/
<b>DATE SIGNED:</b>	10/06/2014
<b>Total Attachments: 12</b>	
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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT ("Assignment") dated as of August 9, 2010 (the "Effective Date"), is made by and between VERISIGN, INC., a Delaware corporation ("Assignor"), and SYMANTEC CORPORATION, a Delaware corporation ("Assignee").

WITNESSETH:

WHEREAS, Assignor and Assignee are parties to that certain Acquisition Agreement, dated as of May 19, 2010 (the "Acquisition Agreement"), pursuant to which Assignor, Assignee and certain of their respective Subsidiaries have entered into that certain Bill of Sale and Assignment and Assumption Agreement, dated as of August 9, 2010 ("Bill of Sale");

WHEREAS, pursuant to the Bill of Sale, Assignee has agreed to purchase and accept, and Assignor has agreed to sell, transfer, convey and assign to Assignee all of Assignor's right, title and interest in, to and under the Patents included in the Transferred Intellectual Property (including, without limitation, the Patents listed in Schedule A hereto) (the "Patents").

NOW, THEREFORE, in consideration of the premises and covenants set forth herein and in the Acquisition Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Assignment. Assignor hereby sells, transfers, conveys and assigns to Assignee, its successors and assigns, and Assignee hereby purchases and accepts from Assignor, all of Assignor's right, title and interest in, to and under the Patents, together with the right to sue or recover and retain damages and costs and attorneys' fees for past, present and future infringement of the Patents, or any patent based upon or claiming priority to the Patents, and to fully and entirely stand in the place of the Assignor in all matters related to the Patents.

2. Cooperation. This Assignment has been executed and delivered by the Assignor for the purpose of recording the assignment herein with the appropriate government entity. At Assignee's sole cost and expense, Assignor shall execute and deliver such other documents and take all other commercially reasonable actions which Assignee, its successors and/or assigns, may reasonably request to effect the terms of this Assignment, including its recordation in relevant state and national patent offices.

3. Warranties. EXCEPT AS EXPRESSLY SET FORTH IN THE ACQUISITION AGREEMENT, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF NONINFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS, OR REGARDING THE SCOPE, VALIDITY, OR ENFORCEABILITY OF ANY TRANSFERRED INTELLECTUAL PROPERTY RIGHTS.

4. General Provisions. Capitalized terms used herein but not defined herein shall have the meanings set forth in the Acquisition Agreement. This Assignment, Schedule A hereto and the Acquisition Agreement constitute the entire understanding and agreement of the parties hereto with respect to the subject matter hereof and supersede all prior and contemporaneous agreements or understandings, inducements or conditions, express or implied, written or oral, between and among the parties with respect hereto. In the event of any conflict between the terms of this Assignment and the terms of the Acquisition Agreement, the terms of the Acquisition Agreement shall control. This Assignment may not be supplemented, altered, or modified in any manner except by a writing signed by all parties hereto. The failure of any party to enforce any terms or provisions of this Assignment shall not waive any of its rights under such terms or provisions. This Assignment shall bind and inure to the benefit of the respective parties and their assigns, transferees and successors.

5. Governing Law; Jurisdiction and Venue. This Assignment shall be governed by, and construed in accordance with, the Laws of the State of New York, without regard to any conflict of laws provisions thereof that would result in the application of the laws of another jurisdiction. Both Assignee and Assignor hereby consent to and submit to the exclusive jurisdiction and venue of the federal and state courts located in the State of New York for enforcement or interpretation of this Assignment, and for any disputes under or arising out of this Assignment.

6. Counterparts. This Assignment may be executed in counterparts, each of which will be an original as regards any party whose signature appears thereon and both of which together will constitute one and the same instrument.

**[Remainder of this page intentionally left blank. Signature page follows.]**

IN WITNESS WHEREOF, Assignor and Assignee have caused this instrument to be executed by its respective duly authorized representative as of the Effective Date.

VeriSign, Inc.

By Richard H. Goshorn

Name: Richard H. Goshorn

Title: Secretary

Symantec Corporation

By \_\_\_\_\_

Name:

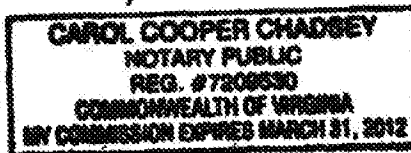
Title:

STATE OF Virginia )  
 ) ss.:  
COUNTY OF Loudoun )

On this 10th day of August 2010, before me, the undersigned, a notary public in and for said state and county, personally appeared Richard H. Goshorn, personally known to me (or proved to me on the basis of satisfactory evidence), to be the individual who executed the foregoing instrument on behalf of VeriSign Inc., a Delaware corporation, as the Secretary of such company and acknowledged to me that the execution and delivery of said instrument was duly authorized by said company.

Carol Cooper Chadsey  
Notary Public

(Affix Seal Below)

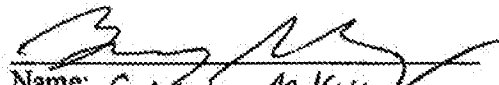


IN WITNESS WHEREOF, Assignor and Assignee have caused this instrument to be executed by its respective duly authorized representative as of the Effective Date.

VeriSign, Inc.

By \_\_\_\_\_  
Name:  
Title:

Symantec Corporation

By   
Name: Gregory M. King  
Title: Sr. Director Legal

*[Signature Page to Patent Assignment Agreement]*

**ACKNOWLEDGMENT**

State of California  
County of Santa Clara

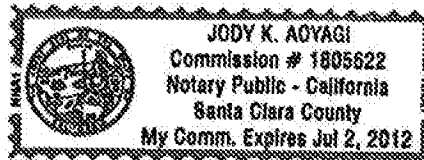
On August 5, 2010 before me, Jody K. Aoyagi, Notary Public  
(Insert name and title of the officer)

personally appeared Gregory M. King  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jody K. Aoyagi (Seal)



**Schedule A**

**Patents and Patent Applications**

No	Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Status	Substatus
1.	One Time Password	CA	2583741	10/17/2005			Pending	
2.	One Time Password	JP	2007-536963	10/17/2005			Pending	Published
3.	One Time Password	PC	PCT/US2005/037113	10/17/2005			Inactive	Expired
4.	Method and System to Generate HMAC-Based One Time Password	US	60/618600	10/15/2004			Inactive	Expired
5.	One Time Password	US	11/665027	5/6/2009			Pending	Published
6.	Time and Event Based One Time Password	CA	2649686	3/27/2007			Pending	
7.	Time and Event Based One Time Password	JP	2009-506502	3/27/2007			Pending	
8.	Time and Event Based One Time Password	PC	PCT/US07/07483	3/27/2007			Pending	Published
9.	Time and Event Based One Time Password	US	11/407996	4/21/2006			Pending	Published
10.	Risk Management for Public Key Management Infrastructure Using Digital Certificates	US	09/132289	8/11/1998	6324645	11/27/2001	Granted	
11.	System And Method For Network Based Fraud And Authentication Services	CA	2641995	2/12/2007			Pending	Nat. Phase
12.	System And Method For Network Based Fraud And Authentication Services	JP	2008-554432	2/12/2007			Pending	Examination requested
13.	System And Method For Network Based Fraud And Authentication Services	PC	PCT/US07/03822	2/12/2007			Pending	Nat. Phase
14.	Identity Protection	US	60/771861	2/10/2006			Inactive	Expired
15.	System and Method for Network-Based Fraud and Authentication Services	US	11/705064	2/12/2007			Pending	Published
16.	Token Sharing System and Method	CA	2607562	5/5/2006			Pending	
17.	Token Sharing System and Method	JP	2008-510256	5/5/2006			Pending	Examination requested
18.	Token Sharing System and Method	PC	PCT/US2006/017404	5/5/2006			Inactive	Expired
19.	Token Sharing System and Method	US	60/678214	5/6/2005			Inactive	Expired
20.	Token Sharing System and Method	US	11/418227	5/5/2006			Pending	Published
21.	Method and System of Securely Escrowing Private Keys in a Public Key	BR	PI0313958.1	9/2/2003			Pending	



No	Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Status	Substatus
	Infrastructure							
22.	Method and System of Securely Escrowing Private Keys in a Public Key Infrastructure	CA	2497561	9/2/2003			Pending	
23.	Method and System of Securely Escrowing Private Keys in a Public Key Infrastructure	CR	7773	9/2/2003			Pending	Published
24.	Method and System of Securely Escrowing Private Keys in a Public Key Infrastructure	JP	2004-534408	9/2/2003			Pending	Published
25.	Method and System of Securely Escrowing Private Keys in a Public Key Infrastructure	MX	PA/a/2005/002417	9/2/2003	257771	6/9/2008	Granted	
26.	Method and System of Securely Escrowing Private Keys in a Public Key Infrastructure	PC	PCT/US03/27342	9/2/2003			Inactive	Expired
27.	Method and System of Securely Escrowing Private Keys in a Public Key Infrastructure	US	10/232624	9/3/2002	6931133	8/16/2005	Granted	
28.	Hybrid Authentication	PC	PCT/US04/18446	6/10/2004			Inactive	Expired
29.	Hybrid Authentication	US	60/477405	6/11/2003			Inactive	Expired
30.	Hybrid Authentication	US	10/864501	6/10/2004			Pending	Published
31.	Countering Credentials Copying	PC	PCT/US2001/025927	8/16/2001			Inactive	Expired
32.	Countering Credentials Theft	US	60/228429	8/18/2000			Inactive	Expired
33.	Countering Credentials Copying	US	09/921265	8/1/2001			Inactive	Abandoned
34.	Authenticated Communication Using a Shared Unpredictable Secret	US	11/340948	1/27/2006			Pending	Published
35.	System for Rating Trustworthiness of Sites on a Computer Network and for Managing Personal Information	US	60/143367	7/12/1999			Inactive	Expired
36.	Token Provisioning	CA	2556155	2/23/2005			Pending	
37.	Token Provisioning	JP	2007-500914	2/23/2005			Pending	Allowed
38.	Token Provisioning	PC	PCT/US05/05482	2/23/2005			Inactive	Expired
39.	Token Provisioning	US	10/782751	2/23/2004	7548620	6/16/2009	Granted	
40.	Token Provisioning	US	12/468144	5/19/2009			Pending	Published
41.	Token Authentication System And Method	CA	2556148	2/23/2005			Pending	Examination requested
42.	Token Authentication System And Method	JP	2007-500913	2/23/2005			Pending	Published
43.	Token Authentication System And Method	PC	PCT/US2005/005481	2/23/2005			Inactive	Expired
44.	Token Authentication	US	60/546194	2/23/2004			Inactive	Expired

No	Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Status	Substatus
	System							
45.	Token Authentication System and Method	US	10/590415	10/20/2006			Pending	Published
46.	Digital Certificate Cross-Referencing	US	09/107655	6/30/1998	6615347	9/2/2003	Granted	
47.	Defining Content Zones	PC	PCT/US01/09628	3/26/2001			Inactive	Expired
48.	Defining Content Zones	US	09/311607	5/13/1999			Inactive	Abandoned
49.	Web Site Authentication	CA	2667341	11/5/2007			Pending	
50.	Web Site Authentication	PC	PCT/US2007/083624	11/5/2007			Pending	Published
51.	System and Method for Website Authentication Using a Shared Secret	US	11/593036	11/6/2006			Pending	Published
52.	Blinded Authentication of Digital Certificate Subscribers	US	09/240913	1/29/1999			Inactive	Abandoned
53.	Local Hosting of Digital Certificate Services	US	09/107331	6/30/1998	6564320	5/13/2003	Granted	
54.	Server-Assisted Regeneration of a Strong Secret from a Weak Secret		2376381	6/29/2000			Pending	
55.	Server-Assisted Regeneration of a Strong Secret from a Weak Secret	CA PC	PCT/US00/18546	6/29/2000			Inactive	Expired
56.	Password-Based Encryption and Recovery Protocol Immune to Password Guessing and Server Compromise	US	60/141571	6/29/1999			Inactive	Expired
57.	Secure Generation and Regeneration of a Strong Secret from a Weak Secret Assisted by Multiple Servers	US	60/167453	11/23/1999			Inactive	Expired
58.	Server-Assisted Regeneration of a Strong Secret from a Weak Secret	US	60/188834	3/10/2000			Inactive	Expired
59.	Server-Assisted Regeneration of a Strong Secret from a Weak Secret	US	09/574687	5/17/2000	6829356	12/7/2004	Granted	
60.	Rights Trading System	CA	2520981	3/31/2004			Pending	
61.	Rights Trading System	JP	2006-509474	3/31/2004			Inactive	Abandoned-Published
62.	Rights Management System	PC	PCT/US04/009703	3/31/2004			Inactive	Expired
63.	Rights Trading System	US	10/402959	4/1/2003			Inactive	Abandoned-Published
64.	Method and System for Registering and Automatically Retrieving Digital-Certificates in Voice Over Internet Protocol (VOIP)	JP	2004-519672	6/30/2003			Pending	Allowed

No	Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Status	Substatus
	Communications							
65.	Method and System for Registering and Automatically Retrieving Digital-Certificates in Voice Over Internet Protocol (VOIP) Communications	PC	PCT/US03/20417	6/30/2003			Inactive	Expired
66.	Method and System for Registering and Automatically Retrieving Digital-Certificates in Voice Over Internet Protocol (VOIP) Communications	US	10/190849	7/9/2002	6842449	1/11/2005	Granted	
67.	Key Mapping and Aliasing	US	60/083323	4/28/1998			Inactive	Expired
68.	Secure Mapping and Aliasing of Private Keys Used in Public Key Cryptography	US	09/298688	4/23/1999	6553493	4/22/2003	Granted	
69.	Entity Authentication in a Shared Hosting Computer Network Environment	PC	PCT/US02/24340	7/31/2002			Inactive	Expired
70.	Organizational Authentication in Shared Hosting SSL Environments	US	60/309203	7/31/2001			Expired	
71.	Entity Authentication in a Shared Hosting Computer Network Environment	US	10/071548	2/8/2002	7231659 B2	6/12/2007	Granted	
72.	Machine, Method and Article of Manufacture for Client-Side One-Time Digital Signing System	US	60/371460	4/10/2002			Inactive	Expired
73.	Credential Management System and Method	US	12/186651	8/6/2008			Pending	Published
74.	Credential Management System and Method	PC	PCT/US2009/052923	8/6/2009			Pending	Published
75.	Single Action Authentication via Mobile Devices	US	12/635252	12/10/2009			Pending	
76.	Service Assisted Secret Provisioning	US	12/650158	12/30/2009			Pending	
77.	Data Replication Across Enterprise Boundaries	US	12/649829	12/30/2009			Pending	
78.	A Method and Apparatus to Provide Authentication Using an Authentication Card	BR	PI0709392-6	3/14/2007			Pending	
79.	A Method and Apparatus to Provide Authentication Using an Authentication Card	PC	PCT/US2007/006549	3/14/2007			Inactive	Expired
80.	Method and Apparatus	US	11/376678	3/14/2006	7347366	3/25/2008	Granted	

No	Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Status	Substatus
	to Provide Authentication Using an Authentication Card							
81.	A Method and Apparatus to Provide Authentication and Privacy with Low Complexity Devices	BR	PI0712152-0	6/11/2007			Pending	
82.	A Method and Apparatus to Provide Authentication and Privacy with Low Complexity Devices	CA	2652084	6/11/2007			Pending	
83.	A Method and Apparatus to Provide Authentication and Privacy with Low Complexity Devices	JP	2009-514567	6/11/2007			Pending	Published
84.	A Method and Apparatus to Provide Authentication and Privacy with Low Complexity Devices	PC	PCT/US2007/070916	6/11/2007			Inactive	Expired
85.	Method and Apparatus to Provide Authentication and Privacy with Low Complexity Devices	US	60/812386	6/9/2006			Inactive	Expired
86.	Method and Apparatus to Provide Authentication and Privacy with Low Complexity Devices	US	11/761273	6/11/2007			Pending	Published
87.	A Method And Apparatus For Mobile Time-Based UI For VIP	PC	PCT/US2009/062588	10/29/2009			Pending	
88.	Method and Apparatus for Mobile Time-Based UI for VIP	US	12/260997	10/29/2008			Pending	
89.	Method and System for Authenticating Internet Communications	US	61/179335	5/18/2009			Pending	
90.	Method and System for Weighting Transactions in a Fraud Detection System	US	12/604208	10/22/2009			Pending	
91.	Streamlined Process for Enrollment of Multiple Digital Certificates	US	12/710665	2/23/2010			Pending	
92.	Method and System for Clustering Transactions in a Fraud Detection System	US	12/604220	10/22/2009			Pending	
93.	Methods and Apparatus for Provisioning Devices with Secrets	US	12/651255	12/31/2009			Pending	
94.	Method and System to Combine Multiple Digital Certificates	US	12/639765	12/16/2009			Pending	

No	Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Status	Substatus
	Using the Subject Alternative Name Extension							
95.	Method and System for Co-Termination of Digital Certificates	US	12/646834	12/23/2009			Pending	
96.	Infrequent Users Fraud Detection	US	12/626061	11/25/2009			Pending	
97.	Alternative Approach to Deployment and Payment for Digital Certificates	US	12/646515	12/23/2009			Pending	
98.	Method and Apparatus to Provide Public Key Authentication with Low Complexity Devices	US	11/336255	1/20/2006			Pending	
99.	Method and System for Provisioning Multiple Digital Certificates	US	12/639771	12/16/2009			Pending	
100.	Method and System For Providing Security Seals On Web Pages	US	12/750007	3/30/2010			Pending	
101.	Method and System For Providing Security Seals On Web Pages	US	61/264179	11/24/2009			Pending	
102.	Dynamic Web Services Systems and Method For Use of Personal Trusted Devices and Identity Tokens	US	60/747,703	5/19/2006			Inactive	Expired
103.	Dynamic Web Services Systems and Method For Use of Personal Trusted Devices and Identity Tokens	US	11/750,077	5/17/2007			Pending	Published
104.	Dynamic Web Services Systems and Method For Use of Personal Trusted Devices and Identity Tokens	WO	PCT/US07/69253	5/18/2007			Inactive	Expired
105.	Method And System For Secure Storage, Management And Linkage Of Personal Authentication Credentials Data Over A Network	US	60/176020	1/14/2000			Inactive	Expired
106.	Method And System For Secure Storage, Management And Linkage Of Personal Authentication Credentials Data Over A Network	US	09/759225	1/16/2001	7155739	12/26/2006	Granted	
107.	Method And System For Secure Registration, Storage, Management and Linkage of Personal Authentication Credentials Data Over a network	PC	PCT/US2001/01249	1/16/2001			Inactive	Expired

No	Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Status	Substatus
108	IDF2010-1450: A/B Testing for Seal 2.0 Programs	US					Not yet filed.	
109	Data Replication Between Multiple Online Databases	US					Not yet filed.	
110	IDF2009-035: Massive Credential Provisioning for Portable Devices with Lazy Activation	US					Not yet filed.	
111	IDF2009-036: SMS OTP with Server Generated Credential	US					Not yet filed.	
112	IDF2009-041: Midterm Upgrade of Digital Certificates	US					Not yet filed.	
113	IDF2009-042: Follow the Sun Support Model by Grouping Multiple Regional Jurisdictions	US					Not yet filed.	
114	IDF2009-043: Streamlined Process for Automatic Administrator ID Approval and Privilege Assignment	US					Not yet filed.	
115	IDF2009-047: Streamlined CSR Generation, Certificate Enrollment, and Certificate Delivery	US					Not yet filed.	
116	IDF2009-048: Unit Allocation Across Enterprise Customer's Organizational Hierarchy	US					Not yet filed.	
117	IDF2009-49: Multiple User Access to Certificate Center Enterprise Account	US					Not yet filed.	
118	IDF2009-050: Streamline Authentication Process for Digital Certificates	US					Not yet filed.	
119	IDF2009-051: Certificate Discovery	US					Not yet filed.	
120	IDF2009-052: Resolution of Disputes with Seal Users	US					Not yet filed.	
121	IDF2009-053: New Applications of Internet-Based Seal	US					Not yet filed.	
122	IDF2009-054: One Click Authentication via Mobile Device (Client side)	US					Not yet filed.	