

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6161436

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
SYMANTEC CORPORATION	11/04/2019

RECEIVING PARTY DATA

Name:	NORTONLIFELOCK INC.
Street Address:	350 ELLIS STREET
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 421

Property Type	Number
Application Number:	07176788
Application Number:	07659527
Application Number:	07663741
Application Number:	07713426
Application Number:	07993900
Application Number:	08099368
Application Number:	08144699
Application Number:	08199686
Application Number:	08498787
Application Number:	08535340
Application Number:	08605285
Application Number:	08618188
Application Number:	08664388
Application Number:	08684580
Application Number:	08780985
Application Number:	08805146
Application Number:	08843512
Application Number:	08861177
Application Number:	08893934
Application Number:	08909203

PATENT

Property Type	Number
Application Number:	08910788
Application Number:	08911298
Application Number:	08924198
Application Number:	08930217
Application Number:	09039650
Application Number:	09056038
Application Number:	09070698
Application Number:	09090771
Application Number:	09165020
Application Number:	09203828
Application Number:	60121725
Application Number:	60130814
Application Number:	60143248
Application Number:	09364821
Application Number:	09385984
Application Number:	60158336
Application Number:	60162500
Application Number:	09719339
Application Number:	60203877
Application Number:	09612662
Application Number:	60218310
Application Number:	60282203
Application Number:	09834703
Application Number:	09843127
Application Number:	09855073
Application Number:	60328976
Application Number:	10046496
Application Number:	10118703
Application Number:	10121118
Application Number:	10159303
Application Number:	10211827
Application Number:	10215835
Application Number:	10216049
Application Number:	10264721
Application Number:	10266340
Application Number:	10324872
Application Number:	60438300
Application Number:	60438301

Property Type	Number
Application Number:	10359416
Application Number:	10359422
Application Number:	10359922
Application Number:	10392593
Application Number:	10411581
Application Number:	10425123
Application Number:	10461059
Application Number:	10462607
Application Number:	10462775
Application Number:	10645989
Application Number:	10666023
Application Number:	10667089
Application Number:	10686356
Application Number:	10724861
Application Number:	10763673
Application Number:	10804319
Application Number:	10819574
Application Number:	10827536
Application Number:	10832788
Application Number:	10841376
Application Number:	10846184
Application Number:	10892873
Application Number:	10895259
Application Number:	10895780
Application Number:	10937893
Application Number:	10938047
Application Number:	10959484
Application Number:	10958477
Application Number:	10973699
Application Number:	10976097
Application Number:	10979589
Application Number:	10980122
Application Number:	10983374
Application Number:	10989869
Application Number:	10993591
Application Number:	10994849
Application Number:	11000565
Application Number:	11026290

Property Type	Number
Application Number:	11026448
Application Number:	11031114
Application Number:	11041325
Application Number:	11054906
Application Number:	11054978
Application Number:	11057532
Application Number:	11058165
Application Number:	11058166
Application Number:	11058196
Application Number:	11064170
Application Number:	11071765
Application Number:	11079132
Application Number:	11079777
Application Number:	11109215
Application Number:	11121786
Application Number:	11129486
Application Number:	11143212
Application Number:	11145899
Application Number:	11151569
Application Number:	11155404
Application Number:	11163269
Application Number:	11164169
Application Number:	11167501
Application Number:	11167521
Application Number:	11171248
Application Number:	11171642
Application Number:	11175249
Application Number:	11178235
Application Number:	11179204
Application Number:	11187388
Application Number:	11198784
Application Number:	11200326
Application Number:	11213187
Application Number:	11213291
Application Number:	11216438
Application Number:	11237375
Application Number:	11243479
Application Number:	11244750

Property Type	Number
Application Number:	11249905
Application Number:	11268015
Application Number:	11268881
Application Number:	11272241
Application Number:	11278104
Application Number:	11278394
Application Number:	11282539
Application Number:	11286258
Application Number:	11313183
Application Number:	11313184
Application Number:	11317513
Application Number:	11318241
Application Number:	11323388
Application Number:	11394268
Application Number:	11394717
Application Number:	11451076
Application Number:	11426683
Application Number:	11426917
Application Number:	11427617
Application Number:	11428200
Application Number:	11479094
Application Number:	11479435
Application Number:	60847282
Application Number:	11535437
Application Number:	11535448
Application Number:	11535939
Application Number:	60827412
Application Number:	11554696
Application Number:	11562941
Application Number:	11562948
Application Number:	11611584
Application Number:	11612404
Application Number:	11618215
Application Number:	11618224
Application Number:	11618568
Application Number:	11674934
Application Number:	11674972
Application Number:	11686125

Property Type	Number
Application Number:	11689397
Application Number:	11691336
Application Number:	11692469
Application Number:	11693623
Application Number:	11729735
Application Number:	11749970
Application Number:	11844938
Application Number:	11862091
Application Number:	11863007
Application Number:	11863110
Application Number:	11863114
Application Number:	11863165
Application Number:	11864533
Application Number:	11864984
Application Number:	11865047
Application Number:	11864699
Application Number:	11955750
Application Number:	11956211
Application Number:	11956227
Application Number:	61013432
Application Number:	11959439
Application Number:	11960426
Application Number:	11960583
Application Number:	11960634
Application Number:	11960642
Application Number:	11961495
Application Number:	11963701
Application Number:	11965092
Application Number:	11965526
Application Number:	11967529
Application Number:	11967565
Application Number:	12030096
Application Number:	12036773
Application Number:	12045393
Application Number:	12049920
Application Number:	12055050
Application Number:	12059200
Application Number:	12059271

Property Type	Number
Application Number:	12059471
Application Number:	12059777
Application Number:	12115352
Application Number:	12118621
Application Number:	12122575
Application Number:	12124071
Application Number:	12124999
Application Number:	12127373
Application Number:	12129170
Application Number:	12130820
Application Number:	12133283
Application Number:	12141007
Application Number:	12142905
Application Number:	12163713
Application Number:	12166785
Application Number:	12175322
Application Number:	12195375
Application Number:	12197175
Application Number:	12202144
Application Number:	12204701
Application Number:	12206606
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Application Number:	12237303
Application Number:	12240715
Application Number:	12242634
Application Number:	12249737
Application Number:	12249801
Application Number:	12324762
Application Number:	12326743
Application Number:	12326751
Application Number:	12334242
Application Number:	12403335
Application Number:	12404252
Application Number:	12405065
Application Number:	12408624
Application Number:	12411269
Application Number:	12411327
Application Number:	12413046

Property Type	Number
Application Number:	12413387
Application Number:	12413409
Application Number:	12414005
Application Number:	12415862
Application Number:	12426879
Application Number:	12431676
Application Number:	12476069
Application Number:	12478655
Application Number:	12483308
Application Number:	12495479
Application Number:	12544215
Application Number:	12551823
Application Number:	12560378
Application Number:	12560382
Application Number:	12560384
Application Number:	12560388
Application Number:	12582702
Application Number:	12605772
Application Number:	12683852
Application Number:	12687767
Application Number:	12705466
Application Number:	12752869
Application Number:	12754378
Application Number:	12771980
Application Number:	12832062
Application Number:	61361918
Application Number:	12841054
Application Number:	12860608
Application Number:	12872974
Application Number:	12881915
Application Number:	12882585
Application Number:	12882735
Application Number:	12885166
Application Number:	12896719
Application Number:	12959548
Application Number:	12969303
Application Number:	12969510
Application Number:	13014489

Property Type	Number
Application Number:	13014552
Application Number:	13016394
Application Number:	13017870
Application Number:	13022986
Application Number:	13030962
Application Number:	13044453
Application Number:	13048787
Application Number:	13073031
Application Number:	13077542
Application Number:	13092306
Application Number:	13100001
Application Number:	13206486
Application Number:	13340855
Application Number:	13369852
Application Number:	13408786
Application Number:	13425127
Application Number:	13453660
Application Number:	13462602
Application Number:	13470815
Application Number:	13474973
Application Number:	13481715
Application Number:	13556401
Application Number:	13561652
Application Number:	13593505
Application Number:	13598248
Application Number:	13656847
Application Number:	13666788
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Application Number:	13790840
Application Number:	13839603
Application Number:	13859312
Application Number:	13875210
Application Number:	13898022
Application Number:	13920006
Application Number:	13930605
Application Number:	13931067

Property Type	Number
Application Number:	13951226
Application Number:	13955420
Application Number:	14010926
Application Number:	14043111
Application Number:	14074576
Application Number:	14076668
Application Number:	14105446
Application Number:	14145553
Application Number:	14164691
Application Number:	14166853
Application Number:	14194587
Application Number:	14242822
Application Number:	29486597
Application Number:	14315203
Application Number:	14341183
Application Number:	14493013
Application Number:	14531248
Application Number:	14549861
Application Number:	14571257
Application Number:	14588360
Application Number:	14642058
Application Number:	14674601
Application Number:	14731826
Application Number:	14747896
Application Number:	14789933
Application Number:	14836804
Application Number:	14968791
Application Number:	15164620
Application Number:	15195973
Application Number:	15230312
Application Number:	15249272
Application Number:	15286424
Application Number:	15385834
Application Number:	15469390
Application Number:	15475013
Application Number:	15582763
Application Number:	15610505
Application Number:	15635047

Property Type	Number
Application Number:	15665257
Application Number:	15712940
Application Number:	15725195
Application Number:	15860548
Application Number:	15937401
Application Number:	15942206
Application Number:	15942232
Application Number:	15993400
Application Number:	16116815
Application Number:	16142779
Application Number:	16147467
Application Number:	16363344
Application Number:	16453663
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PCT Number:	US1999615512
PCT Number:	US1999701510
PCT Number:	US1999710163
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PCT Number:	US1999722230
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PCT Number:	US1999808897
PCT Number:	US1999813774
PCT Number:	US1999814169
PCT Number:	US1999814178
PCT Number:	US1999818863
PCT Number:	US1999823709
PCT Number:	US1999922630
PCT Number:	US1999926181
PCT Number:	US2000004758
PCT Number:	US2000010999
PCT Number:	US2000018732
PCT Number:	US2000029626
PCT Number:	US2000122150
PCT Number:	US2000210867
PCT Number:	US2004000225
PCT Number:	US2004000226
PCT Number:	US2005024014

Property Type	Number
PCT Number:	US2007079875
PCT Number:	US2008086709
PCT Number:	US2008087780
PCT Number:	US2009044017
PCT Number:	US2009048022
PCT Number:	US2009049105
PCT Number:	US2010048470
PCT Number:	US2010048993
PCT Number:	US2010054129
PCT Number:	US2011047993
PCT Number:	US2011065300
PCT Number:	US2013023127
PCT Number:	US2013028346
PCT Number:	US2013056967
PCT Number:	US2013070137
PCT Number:	US2014049234
PCT Number:	US2016027937
PCT Number:	US2016035571
PCT Number:	US2016039910
PCT Number:	US2018035178
PCT Number:	US1999009454

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.

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Email: jbrill@patentlawworks.net, metherington@patentlawworks.net

Correspondent Name: JEFFREY BRILL

Address Line 1: 310 EAST 4500 SOUTH, SUITE 400

Address Line 4: SALT LAKE CITY, UTAH 84107

ATTORNEY DOCKET NUMBER:	10295-07097 US
NAME OF SUBMITTER:	JEFFREY BRILL
SIGNATURE:	/Jeffrey Brill/
DATE SIGNED:	06/18/2020

Total Attachments: 18

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EX-3.01 2 tm1921662d1_ex3-01.htm EXHIBIT 3.01

Exhibit 3.01

**CERTIFICATE OF AMENDMENT TO
AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF
SYMANTEC CORPORATION**

Symantec Corporation, a Delaware corporation (the “Company”) does hereby certify that:

FIRST: This Certificate of Amendment (this “Certificate of Amendment”) amends the provisions of the Company’s Amended and Restated Certificate of Incorporation, as amended to date (the “Certificate of Incorporation”).

SECOND: The terms and provisions of this Certificate of Amendment have been duly adopted in accordance with Section 242 of the General Corporation Law of the State of Delaware.

THIRD: Article 1 of the Certificate of Incorporation is hereby amended to read in its entirety as follows:

“The name of the corporation is NortonLifeLock Inc.”

IN WITNESS WHEREOF, the Company has caused this Certificate of Amendment to be signed by its duly authorized officer this 4th day of November, 2019.

SYMANTEC CORPORATION

By: /s/ Scott C. Taylor

Name: Scott C. Taylor

Title: Executive Vice President, General Counsel and Secretary

ANNEX A TO PATENT ASSIGNMENT

Application No.	Filed Date	Patent No.	Grant Date	Application Title
7176788	04/01/1988			Method for Selecting a Desired Item from a List in a Computer Program
7659527	02/22/1991			Method for Selecting a Desired Item from a List in a Computer Program
7663741	03/01/1991			Automated Print Sizing System and Method
7713426	06/10/1991	5319384	06/07/1991	Method for Producing a Graphical Cursor
7993900	12/18/1992	5263174	11/16/1993	Methods for Quick Selection of Desired Items from Hierarchical Computer Menus
8099368	07/29/1993	5398196	03/14/1995	Method and Apparatus for Detection of Computer Viruses
8144699	10/28/1993	5560010	09/24/1996	Method for Automatically Generating Object Declarations
08/199,686	02/22/1994	5530752	06/25/1996	Systems and Methods for Protecting Software from Unlicensed Copying and Use
08/498,787	07/05/1995	5831639	11/03/1998	Scanning Display Driver
08/535,340	09/28/1995	5696822	12/09/1997	Polymorphic Virus Detection Module
08/605,285	02/09/1996	6067410	05/23/2000	Emulation Repair System
08/618,188	03/19/1996	5761675	06/02/1998	Diagnosis and Repair of Defective Long Filenames
08/664,388	06/14/1996	5790796	08/04/1998	Polymorphic Package Files to Update Software Components
08/684,580	07/19/1996	5765030	06/09/1998	Processor Emulator Module Having a Variable Pre-Fetch Queue Size for Program Execution
08/780,985	01/08/1997	5826013	10/20/1998	Polymorphic Virus Detection Module
08/805,146	02/24/1997	5895485	04/20/1999	Method and Device for Using a Redundant Cache for Preventing the Loss of Dirty Data
08/843,512	04/16/1997	5964889	10/12/1999	Method to Analyze a Program for Presence of Computer Viruses by Examining the Opcode for Faults Before Emulating Instruction in Emulator
08/861,177	05/21/1997	6123737	09/26/2000	Push Deployment of Software Packages Using Notification Transports
08/893,934	07/15/1997	6000032	12/07/1999	Secure Access to Software Modules
08/909,203	08/11/1997	6006329	12/21/1999	Detection of Computer Viruses Spanning Multiple Data Streams
08/910,788	08/13/1997			Polymorphic Virus Detection Module
08/911,298	08/14/1997	5978917	11/02/1999	Detection and Elimination of Macro Viruses
08/924,198	09/05/1997			Method, Software and Apparatus for Saving, Using and Recovering Data
08/930,217	10/20/1997	6119227	09/12/2000	Methods and Apparatus for Authenticating an Originator of a Message
09/039,650	03/16/1998			Method, Software and Apparatus for Saving, Using and Recovering Data

09/056,038	04/06/1998	6295607	09/25/2001	System and Method for Security Control in a Data Processing System
09/070,698	04/30/1998	6298445	10/02/2001	Computer Security
09/090,771	06/04/1998	6314190	11/06/2001	Cryptographic System with Methods for User-Controlled Message Recovery
09/165,020	09/30/1998	6501751	12/31/2002	Voice Communication with Simulated Speech Data
09/203,828	12/01/1998	5999723	12/07/1999	State-Based Cache for Antivirus Software
60,121,725	02/26/1999			Method, Software and apparatus for Locally or Remotely Repairing or Enhancing Computer Data
60/130,814	04/23/1999			Method, Software and Apparatus for Dealing with Data Corruption and Shared Disks in the Context of Saving, Using and Recovering Data
60/143,248	07/09/1999			Method, Software and Apparatus for De-Fragmenting Disk Storage on which a History of Changes Is Being Tracked
09/364,821	07/30/1999	7089591	08/08/2006	Generic Detection and Elimination of Macro Viruses
09/385,984	08/30/1999			Method and Apparatus for Managing a Split Encryption Key Over a Network
60/158,336	10/07/1999			Method, Software and Apparatus for Recycling Overwritten Disk Storage in Conjunction with an Operating System on Which a History of Changes Are Being Tracked
60/162,500	10/29/1999			Method of Creating a Firewall Between a PC and a Disk Controller to Protect Overwritten Data
09/719,339	04/24/2000	7055055	05/30/2006	Write Cache Flushing Method for Reducing Data Corruption
60/203,877	05/12/2000			Information Security Method and System
09/612,662	07/10/2000			Method, Software and Apparatus for De-Fragmenting Disk Storage on which a History of Changes is Being Tracked
60/218,310	07/14/2000			Method and Apparatus for Automatically Uninstalling Software on a Network
60/282,203	04/06/2001			Temporal Access Control System for Virus Outbreaks
09/834,703	04/12/2001	6981252	12/27/2005	Method and Apparatus for Automatically Uninstalling Software on a Network
09/843,127	04/25/2001			System and Method for Restoring a Computer System After Failure
09/855,073	05/14/2001	7171693	01/30/2007	Information Security Method and System
60/328,976	10/12/2001			Network Security Analyzer and Predictor
10/046,496	10/29/2001			Temporal Access Control for Computer Virus Outbreaks
10/118,703	04/08/2002	7290282	10/30/2007	Reducing False Positive Computer Virus Detections

10/121,118	04/10/2002			Detection and Prevention of Buffer Overflow Attacks
10/159,303	05/31/2002			Countering Infections to Computer Files Containing Strings
10/211,827	08/02/2002	7478431	01/13/2009	Heuristic Detection of Computer Viruses
10/215,835	08/08/2002	7593387	09/22/2009	Voice Communication with Simulated Speech Data
10/216,049	08/09/2002			Early Warning System for Network Attacks
10/264,721	10/04/2002	7483993	01/27/2009	Temporal Access Control for Computer Virus Prevention
10/266,340	10/07/2002	7469419	12/03/2008	Detection of Malicious Computer Code
10/324,872	12/20/2002	7327741	02/05/2008	Detecting and Breaking Cycles in a Computer Network
60/438,300	01/07/2003			System and Method for Secure and Transparent Electronic Communication
60/438,301	01/07/2003			System and Method for Dynamic Data Security Operations
10/359,416	02/05/2003			Structured Rollout of Updates to Malicious Computer Code Detection Definitions
10/359,422	02/05/2003			Preventing Execution of Potentially Malicious Software
10/359,922	02/06/2003			Integrity Checking for Software Downloaded from Untrusted Sources
10/392,593	03/18/2003	7546638	06/09/2009	Automated Identification and Clean-Up of Malicious Computer Code
10/411,581	04/09/2003	7680886	03/16/2010	Suppressing Spam Using a Machine Learning Based Spam Filter
10/425,123	04/24/2003	7650382	01/19/2010	Detecting Spam E-Mail with Backup E-Mail Server Traps
10/461,059	06/13/2003			Using Optical Character Recognition to Suppress SPAM
10/462,607	06/17/2003			System and Method for Dynamic Data Security Operations
10/462,775	06/17/2003			System and Method for Secure and Transparent Electronic Communication
10/645,989	08/22/2003	7739278	06/15/2010	Source Independent File Attribute Tracking
10/666,023	09/18/2003			Minimization of False Positives in a Computer Code Intrusion Detection System
10/667,089	09/18/2003			Preventing Ultra-Fast Spreading of Malicious Code
10/686,356	10/14/2003	7921159	04/05/2011	Countering SPAM that Uses Disguised Characters
10/724,861	12/02/2003	7409713	08/05/2008	Method of Protecting Software Code
10/763,673	01/22/2004	7624449	11/24/2009	Countering Polymorphic Malicious Computer Code through Code Optimization
10/804,319	03/18/2004			Quarantining Malicious Computer Code at Network Level
10/819,574	04/06/2004			Robust SQL Query Canonicalization
10/827,536	04/20/2004	7593579	09/22/2009	Method for Secure Encoding of Data
10/832,788	04/26/2004	8108937	01/31/2012	Robustly Regulating Access to Executable Class Registry Entries

10/841,376	05/07/2004	7861304	12/28/2010	Pattern Matching Using Embedded Function
10/846,184	05/13/2004	7681237	03/16/2010	Semi-Synchronous Scanning of Modified Files in Real Time
10/892,873	07/16/2004			Tracing Malicious Code Infections to Source Computers
10/895,259	07/19/2004			Apparatus for Partial Authentication of Messages
10/895,780	07/20/2004			Isolating Infectious Clients During Malicious Code Outbreaks
10/937,893	09/10/2004			Authentication Method for Securely Disclosing Confidential Information Over the Internet
10/938,047	09/10/2004	7690034	03/30/2010	Using Behavior Blocking Mobility Tokens to Facilitate Distributed Worm Detection
10/959,484	10/05/2004	7594272	09/22/2009	Detecting Malicious Software through File Group Behavior
10/958,477	10/05/2004	7818809	10/19/2010	Confidential Data Protection through Usage Scoping
10/973,699	10/26/2004			Automatic Remediation of False Positives in a Malicious Computer Code Behavior Blocking System
10/976,097	10/27/2004			Automated Generation of Protocol Specified Computer-Readable Instructions and Intrusion Detection System Signatures
10/979,589	11/01/2004	7546349	06/09/2009	Automatic Generation of Disposable E-mail Addresses
10/980,122	11/01/2004	7197539	03/27/2007	Automated Disablement of Disposable E-Mail Addresses Based on User Actions
10/983,374	11/08/2004	7565686	07/21/2009	Preventing Unauthorized Loading of Late Binding Code into a Process
10/989,869	11/16/2004			Notification of Attempted Interaction with a Compromised Website
10/993,591	11/19/2004	7949665	05/24/2011	Rapidly Traversing Disc Volumes During File Content Examination
10/994,849	11/22/2004	7874000	01/18/2011	Reducing False Positives Generated by a Database Intrusion Detection System
11/000,565	12/01/2004			Dynamic in-Line Modification of Database Queries to Enforce Security Policies
11/026,290	12/30/2004			Detection of Suspicious Electronic Messages
11/026,448	12/30/2004			Classification and Comparison of Web Page Characteristics to Protect Confidential Data
11/031,114	01/07/2005	7496634	02/24/2009	Determining Whether E-Mail Messages Originate from Recognized Domains
11/041,325	01/24/2005	7617532	11/10/2009	Protection of Sensitive Data from Malicious E-Mail
11/054,906	02/10/2005			Robust Flash Memory Write Optimization
11/054,978	02/10/2005	8918515	12/23/2014	Interstitial Redirection Management
11/057,532	02/14/2005	7334722	02/26/2008	Scan-On-Read
11/058,165	02/16/2005			Information Security Method and System

11/058,166	02/16/2005	7555780	06/30/2009	Information Security Method and System
11/058,196	02/16/2005			Information Security Method and System
11/064,170	02/23/2005	7516488	04/07/2009	Preventing Data from Being Submitted to a Remote System in Response to a Malicious E-mail
11/071,765	03/03/2005	8104086	01/24/2012	Heuristically Detecting Spyware/Adware Registry Activity
11/079,132	03/14/2005	7590698	09/15/2009	Thwarting Phishing Attacks by Using Pre-Established Policy Files
11/079,777	03/14/2005	7571325	08/04/2009	Remote Identification of Blocked Websites While Maintaining User Privacy
11/109,215	04/18/2005	7562391	07/14/2009	Reducing False Positives with Buffer Overflow attacks
11/121,786	05/03/2005	8650214	02/11/2014	Dynamic Frame Buster Injection
11/129,486	05/16/2005			Systems and Methods for Creating and/or Utilizing Virtual Automated Agents
11/143,212	06/01/2005			Frame Injection Blocking
11/145,899	06/06/2005			Multi-Level Preservation of Antivirus Scan State of Computer File Streams
11/151,569	06/13/2005	7730532	06/01/2010	Automatic Tracking Cookie Detection
11/155,404	06/16/2005			Field-Based Database Intrusion Detection
11/163,269	10/12/2005			High Speed Network
11/164,169	11/13/2005			Integration of Information Technology Asset and Risk Management Information Provides an Efficient and Effective, Synergistic Solution for Reporting, Measurement, Management, and Safeguarding of Resources for Enterprises
11/167,501	06/27/2005	7975303	07/05/2011	Efficient File Scanning Using Input-Output Hints
11/167,521	06/27/2005	7895654	02/22/2011	Efficient File Scanning Using Secure Listing of File Modification Times
11/171,248	07/01/2005	7600258	10/06/2009	Methods and Systems for Detecting and Preventing the Spread of Malware on Instant Messaging (IM) Networks by Using Fictitious Buddies
11/171,642	07/01/2005			System and Method for Building Instant Messaging Applications
11/175,249	07/06/2005			Thwarting Phishing Attacks Using Policy Files
11/178,235	07/07/2005			Apparatus for Partial Authentication of Messages
11/179,204	07/11/2005			Monitoring Downstream Data to Reduce False Positive Database Intrusion Detections
11/187,388	07/21/2005			Prioritizing Content for Efficient Human Consumption
11/198,784	08/05/2005			Automatic Creation of Anti-Spam Filters
11/200,326	08/08/2005	7856090	12/21/2010	Automatic Spim Detection
11/213,187	08/25/2005	7577994	08/18/2009	Detecting Local Graphic Password Deciphering Attacks

11/213,291	08/26/2005			Extracting Files from a Compressed Data Structure for Use in Software Installation
11/216,438	08/30/2005	7555551	06/30/2009	Automatic Controllable Deployment of Software Updates
11/237,375	09/28/2005			Automatic Prioritization of Internet Telephony Voicemail
11/243,479	10/03/2005	8819049	08/26/2014	Frame Injection Blocking
11/244,750	10/05/2005			Distributed Role-Driven Security
11/249,905	10/11/2005			Identification of Multiple Natural Language Encodings in Source Text
11/268,015	11/07/2005	8051478	11/01/2011	Secure Browser
11/268,881	11/07/2005			Real-Time Client Analysis of Potentially Compromised Internet Protocol Addresses
11/272,241	11/09/2005			Automated Parsing of Whois Data Using Known Domain Content
11/278,104	03/30/2006	7685271	03/23/2010	Distributed Platform for Testing Filtering Rules
11/278,394	03/31/2006			Database Injection Attack Detection Using Query Semantics
11/282,539	11/18/2005	7730533	06/01/2010	Cache Hint Correction for Security Scanning
11/286,258	11/23/2005			Associating Licensing Information with Software Applications
11/313,183	12/19/2005	7752664	07/06/2010	Using Domain Name Service Resolution Queries to Combat Spyware
11/313,184	12/19/2005	7877800	01/25/2011	Preventing Fraudulent Misdirection of Affiliate Program Cookie Tracking
11/317,513	12/22/2005	7757284	07/13/2010	Threat-Resistant Installer
11/318,241	12/22/2005	7613445		Cost Control System for Access to Mobile Services
11/323,388	12/29/2005	7934229	04/26/2011	Generating Options for Repairing a Computer Infected with Malicious Software
11/394,268	03/29/2006	7895656	02/22/2011	Automatable Detection and Configuration of Security Domains
11/394,717	03/31/2006	7873999	01/18/2011	Customized Alerting of Users to Probable Data theft
11/451,076	06/12/2006			Software-Implemented Method for Identifying Nodes on a Network
11/426,683	06/27/2006			Robust Handling of Segmentation Faults and Access Violations Caused by Memory Errors
11/426,917	06/27/2006	8332947	12/11/2012	Security Threat Reporting in Light of Local Security tools
11/427,617	06/29/2006	7823205	10/26/2010	Conserving Computing Resources While Providing Security
11/428,200	06/30/2006			Progressive Resolution Scheme for Robust and Efficient Peer-to-Peer Storage
11/479,094	06/30/2006	8090393	01/03/2012	System and Method for Collecting and Analyzing Malicious Code Sent to Mobile Devices
11/479,435	06/30/2006	7818807	10/19/2010	System and Method of Logical Prefetching for Optimizing File Scanning Operations

60/847,282	09/25/2006			Virtual Security Appliance & Secure Boot
11/535,437	09/26/2006	7809795	10/05/2010	Linguistic Nonsense Detection for Undesirable Message Classification
11/535,448	09/26/2006			Using Signed Fingerprints to Validate Network Access Points
11/535,939	09/27/2006	7886034	02/08/2011	Adaptive Liveness Management for Robust and Efficient Peer-to-Peer Storage
60/827,412	09/28/2006			Method and System for Shared Encrypted Content Using Widespread Distribution...
11/554,696	10/31/2006			High-Speed Database Queries Using Markers
11/562,941	11/22/2006	8973678	03/10/2015	Misspelled Word Analysis for Undesirable Message Classification
11/562,948	11/22/2006	8112485	02/07/2012	Time and Threshold Based Whitelisting
11/611,584	12/15/2006			Heuristic Detection and Termination of Fast Spreading Network Worm Attacks
11/612,404	12/18/2006	7831919	11/09/2010	Generic Web Service Frontend
11/618,215	12/29/2006	8312536	11/13/2012	Hygiene-Based Computer Security
11/618,224	12/29/2006	7996836	08/09/2011	Using a Hypervisor to Provide Computer Security
11/618,568	12/29/2006	8341744	12/25/2012	Real-Time Behavioral Blocking of Overlay-Type Identity Stealers
11/674,934	02/14/2007	8171545	05/01/2012	Process Profiling for Behavioral Anomaly Detection
11/674,972	02/14/2007	7792661	09/07/2010	Realtime Feature Adaptation Responsive to Dynamically Gathered Usability Information
11/686,125	03/14/2007			Spam Normalization Using Word Prediction
11/689,397	03/21/2007			Secure Boot Using Stored Hashes and Key
11/691,336	03/26/2007			Web Services Intermediary
11/692,469	03/28/2007	8250657	08/21/2012	Web Site Hygiene-Based Computer Security
11/693,623	03/29/2007	8042161	10/18/2011	Automatic Sharing of Whitelist Data
11/729,735	03/29/2007			Certificate Management System
11/749,970	05/17/2007	8353031	01/08/2013	Virtual Security Appliance
11/844,938	08/24/2007	7941437	05/10/2011	Bayesian Surety Check to Reduce False Positives in Filtering of Content in Non-Trained Languages
11/862,091	09/26/2007	7451916	11/18/2008	Scan-On-Read
11/863,007	09/27/2007	7890590	02/15/2011	Variable Bayesian Handicapping to Provide Adjustable Error Tolerance Level
11/863,110	09/27/2007	8019689	09/13/2011	Deriving Reputation Scores for Web Sites that Accept Personally Identifiable information
11/863,114	09/27/2007			Unstructured Data Deprovisioning
11/863,165	09/27/2007			Apparatus and Method for Cryptographic Protection of Directories and Files
11/864,533	09/28/2007	9569443	02/14/2017	Method and Apparatus for Providing Access to Data in Unsupported File Systems and Storage Containers
11/864,984	09/29/2007	7757292	07/13/2010	Reducing False Positive Computer Virus Detections

11/865,047	09/30/2007			Using a Benevolent Worm to Assess and Correct Computer Security Vulnerabilities
11/864,699	10/24/2007	8869268	10/21/2014	Method and Apparatus for Disrupting the Command and Control Infrastructure of Hostile Programs
11/955,750	12/13/2007			Apparatus and Method for Facilitating Secure Email Services Using Multiple Protocols
11/956,211	12/13/2007	8881003	11/04/2014	Online Storage Aggregation and Publishing
11/956,227	12/13/2007	7895204	02/22/2011	Redirecting File Uploads
61/013,432	12/13/2007			Apparatus and Method for Processing Fragmented Cryptographics Keys
11/959,439	12/18/2007	8762229	06/24/2014	Parental Policy Based Online Wish Lists
11/960,426	12/19/2007	7996904	08/09/2011	Automated Unpacking of Executables Packed by Multiple Layers of Arbitrary Packers
11/960,583	12/19/2007			Automatic Buffer Address Range Determination
11/960,634	12/19/2007	8775678	07/08/2014	Automated Wireless Synchronization and Transformation (Previously: Automatic Wireless Synchronization and Transformation)
11/960,642	12/19/2007			Using Public Records to Maintain Community Website Member Profiles
11/961,495	12/20/2007	8479284	07/02/2013	Referrer Context Identification for Remote Object Links
11/963,701	12/21/2007	8176562	05/08/2012	Privacy Protection During Remote Administration
11/965,092	12/27/2007	8001087	08/16/2011	Method and Apparatus for Performing Selective Backup Operations Based on History Data
11/965,526	12/27/2007	8180761	05/15/2012	Referrer Context Aware Target Queue Prioritization
11/967,529	12/31/2007	8510828	08/13/2013	Enforcing the Execution Exception to Prevent Packers from Evading the Scanning of Dynamically Created Code
11/967,565	12/31/2007	8104089	01/24/2012	Tracking Memory Mapping to Prevent Packers from Evading the Scanning of Dynamically Created Code
12/030,096	02/12/2008			Environment Aware Application Streaming
12/036,773	02/25/2008	8214907	07/03/2012	Collection of Confidential Information Dissemination Statistics
12/045,393	03/10/2008	7805640	09/28/2010	Use of Submission Data in Hardware Agnostic Analysis of Expected Application Performance
12/049,920	03/17/2008	8752038	06/10/2014	Reducing Boot Time by Providing Quantitative Performance Cost Data Within a Boot Management User Interface
12/055,050	03/25/2008	8549623	10/01/2013	Detecting Suspicious Domains Using Domain Profiling

12/059,200	03/31/2008	8745001	06/03/2014	Automated Remediation of Corrupted and Tempered Files
12/059,271	03/31/2008			Software Reputation Determination from Contributor Aggregates
12/059,471	03/31/2008	8185956	05/22/2012	Real-Time Website Safety Reputation System
12/059,777	03/31/2008	8214839	07/03/2012	Streaming Distribution of File Data Based on Predicted Need
12/115,352	05/05/2008	8321934	11/27/2012	Anti-Phishing Early Warning System Based on End User Data Submission
12/118,621	05/09/2008	7860936	12/28/2010	Verifying Instant Messaging Aliases via Online Parental Control Accounts
12/122,575	05/16/2008	8353041	01/08/2013	Secure Application Streaming
12/124,071	05/20/2008	8429710	04/23/2013	Preventing Exposure of Private Information
12/124,999	05/21/2008	8689341	04/01/2014	Anti-Phishing System Based on End User Data Submission Quarantine Periods For New Websites
12/127,373	05/27/2008	9058230	06/16/2015	Online Expert System Guided Application Installation
12/129,170	05/29/2008	8230499	07/24/2012	Detecting and Blocking Unauthorized Downloads
12/130,820	05/30/2008	7827247	11/02/2010	Verifying Instant Messaging Aliases via Online Parental Control Accounts, without Disclosing Identity to Unverified Parties
12/133,283	06/04/2008			Ad-Targeting Based on Third Party Context
12/141,007	06/17/2008			Device Authenticated Power Usage
12/142,905	06/20/2008	8234709	07/31/2012	Streaming Malware Definition Updates
12/163,713	06/27/2008			Using Project Reputation Aggregates in Developer Evaluations
12/166,785	07/02/2008	8353033	01/08/2013	Collecting Malware Samples via Unauthorized Download Protection
12/175,322	07/17/2008			Control of Website Usage via Online Storage of Restricted Authentication Credentials
12/195,375	08/20/2008	8752170	06/10/2014	Verification and Validation of Externally Maintained Profile Attributes
12/197,175	08/22/2008	10600130	03/24/2020	Creating Dynamic Meta-Communities
12/202,144	08/29/2008	8095964	01/10/2012	Peer Computer Based Threat Detection
12/204,701	09/04/2008			Identifying Malware Mimicking Legitimate Files
12/206,606	09/08/2008			Account Sign-On via Replicated Form Injection
12/233,556	09/18/2008			Generic Search Monitoring
12/237,303	09/24/2008			Automatic Stakeholder Notification of Malicious Cyber-Activity
12/240,715	09/29/2008			Automatic Search Term Flagging
12/242,634	09/30/2008	8413251	04/02/2013	Using Disposable Data Misuse to Determine Reputation
12/249,737	10/10/2008	7904573	03/08/2011	Temporal Access Control for Computer Virus Prevention

12/249,801	10/10/2008	8726391	05/13/2014	Scheduling Malware Signature Updates in Relation to Threat Awareness and Environmental Safety
12/324,762	11/26/2008	8095672	01/10/2012	Verifying Online Identities Across Parental Control Systems
12/326,743	12/02/2008			Apparatus and Method for Secure Administrator Access to Networked Machines
12/326,751	12/02/2008			Apparatus and Method for Preventing Unauthorized Access to Secure Information
12/334,242	12/12/2008			Apparatus and Method for Processing Fragmented Cryptographics Keys
12/403,335	03/12/2009	8321942	11/27/2012	Selecting Malware Signatures Based on Malware Diversity
12/404,252	03/13/2009			Automating Contact Detail Changes on Multiple Disparate Targets
12/405,065	03/16/2009	9106423	08/11/2015	Using Positional Analysis to Identify Login Credentials on a Web Page
12/408,624	03/20/2009			Automatic Prioritization of Internet Telephony Voicemail
12/411,269	03/25/2009			Automating Payment Detail Changes on Multiple Disparate Targets
12/411,327	03/25/2009			Automating Password Changes on Multiple Disparate Targets
12/413,046	03/27/2009			Controlling Individual Content on a Public Social Networking Site Using Images
12/413,387	03/27/2009			Cryptographically Verifiable Global Unique Identifiers
12/413,409	03/27/2009	8655792	02/18/2014	Deriving the Content of a Social Network Private Site Based on Friend Analysis
12/414,005	03/30/2009	8347381	01/01/2013	Detecting Malicious Social Networking Profiles
12/415,862	03/31/2009	9886726	02/06/2018	Analyzing Social Networking Groups for Detecting Social Networking Spam
12/426,879	04/20/2009			Identifying Behavior Trends in a Child's Peer Group with Parental Control Applications
12/431,676	04/28/2009			System and Method for Facilitating Secure Media Access
12/476,069	06/01/2009	8150779	04/03/2012	Validating the Detection of Spam Based Entities in Social Networking Contexts
12/478,655	06/04/2009			Cryptographically Verifiable Global Unique Identifiers
12/483,308	06/12/2009	8296251	10/23/2012	Method and Apparatus for Generating Collective Intelligence to Automate Resource Recommendations for Improving a Computer
12/495,479	06/30/2009	8001606	08/16/2011	Malware Detection Using a White List
12/544,215	08/19/2009	8171406	05/01/2012	Automating User Interface Navigation
12/551,823	09/01/2009			Pre- and Post-Processing in a Machine Translation Context

12/560,378	09/15/2009	8762312	06/24/2014	Using Sentiment-Based Analysis in the Filtering of Web Content
12/560,382	09/15/2009	8214490	07/03/2012	Compact Input Compensating Reputation Data Tracking Mechanism
12/560,384	09/15/2009	8904169	12/02/2014	Just in Time Trust Establishment and Propagation
12/560,388	09/15/2009	7886053	02/08/2011	Self-Management of Access Control Policy
12/582,702	10/20/2009	9946852	04/17/2018	Commodity Hardware Based Parental Control Device
12/605,772	10/26/2009	8639828	01/28/2014	Accelerated TCP Network Communications
12/683,852	01/07/2010	8856918	10/07/2014	A Host Validation Mechanism for Preserving Integrity of Portable Storage Data
12/687,767	01/14/2010	8401982	03/19/2013	Using Sequencing and Timing Information of Behavior Events in Machine Learning to Detect Malware
12/705,466	02/12/2010			Reputation of Social Networking Profiles
12/752,869	04/01/2010			Using Motivational Interviewing for Goals Concerning Online Behavior
12/754,378	04/05/2010	8903986	12/02/2014	Real-time Identification of URLs Accessed by Automated Processes
12/771,980	04/30/2010	8955109	02/10/2015	Educating Computer Users Concerning Social Engineering Security Threats
12/832,062	07/07/2010	9298824	03/29/2016	Focused Crawling to Identify Potentially Malicious Sites Using Bayesian URL Classification and Adaptive Priority Calculation
61/361,918	07/07/2010			Unencrypted Network Protocol and File Format Structure Analyzer Using Artificial Intelligence and Heuristics
12/841,054	07/21/2010	8732662	05/20/2014	Adaptive User Interface and Application Features Based On User Experience Level
12/860,608	08/20/2010	8453222	05/28/2013	Possession of Synchronized Data as Authentication Factor in Online Services
12/872,974	08/31/2010			Safely Updating Latent Applications to Reduce Attack Surface
12/881,915	09/14/2010	8463235	06/11/2013	Protection from Telephone Phishing
12/882,585	09/15/2010			Automated Fuzzer Generation Using Heuristic-Based Analysis of Network Protocols
12/882,735	09/15/2010			Detecting Malware Using Protected Filed Discrepancies
12/885,166	09/17/2010	8161561	04/17/2012	Confidential Data Protection through Usage Scoping
12/896,719	10/01/2010	8949979	02/03/2015	Protecting Local Users from Remote Applications
12/959,548	12/03/2010			Synchronizing Security State Transitions of Self-Encrypted Storage Device with Power State Changes of a Host System

12/969,303	12/15/2010	8856902	10/07/2014	User Authentication Via Mobile Communication Device With Imaging System
12/969,510	12/15/2010	8177125	05/15/2012	Automatic Online Checkout Via Mobile Communication Device With Imaging System
13/014,489	01/26/2011			Automated Detection of Unknown Botnets
13/014,552	01/26/2011	8826439	09/02/2014	Encoding Machine Code Instructions for Static Feature-Based Malware Clustering
13/016,394	01/28/2011	8843750	09/23/2014	Monitoring Content Transmitted through Secured Communication Channels
13/017,870	01/31/2011	9208252	12/08/2015	Reducing Multi-Source Feed Reader Content Redundancy
13/022,986	02/08/2011	8646072	02/04/2014	Detecting Misuse of Trusted Seals
13/030,962	02/18/2011			Method and Apparatus for Accessing Computers in a Distributed Computing Environment
13/044,453	03/09/2011	8626904	01/07/2014	Detecting and Reporting Livelocks in a Computer
13/048,787	03/15/2011	8479299	07/02/2013	Strategically Reducing the Accuracy of Geotags in Digital Photographs
13/073,031	03/28/2011			Method and Apparatus for Configuring a User Interface
13/077,542	03/31/2011	8751490	06/10/2014	Automatically Determining Reputations of Physical Locations
13/092,306	04/22/2011	8296477	10/23/2012	Secure Data Transfer Using Legitimate QR Codes Wherein a Warning Message Is Given to the User If Data Transfer Is Malicious
13/100,001	05/03/2011	8707433	04/22/2014	Fake Exception Handler Detection
13/206,486	08/09/2011	8880092	11/04/2014	Using Smart Meters to Determine Mobile Wireless Computing Device Location
13/340,855	12/30/2011			System and Method for Collecting and Analyzing Malicious Code Sent to Mobile Devices
13/369,852	02/09/2012	8640190	01/28/2014	Parental Control Policy Generation
13/408,786	02/29/2012			Application Categorization Using Application Data
13/425,127	03/20/2012	8892936	11/18/2014	Cluster Wide Consistent Detection of Interconnect Failures
13/453,660	04/23/2012			Mapping Regulations and Frameworks to Policies Using Control Statements
13/462,602	05/02/2012	9002864	04/07/2015	Cross-Platform Conversion of Encoded Mobile App Store Links
13/470,815	05/14/2012	9311317	04/12/2016	Injecting Custom Data into Files in Zip Format Containing Apps, without Unzipping, Resigning or Re-zipping the Files
13/474,973	05/18/2012	8667587	03/04/2014	Real-Time Website Safety Reputation System
13/481,715	05/25/2012	8806644	08/12/2014	Using Expectation Measures to Identify Relevant Application Analysis Results

13/556,401	07/24/2012	8650647	02/11/2014	Web Site Computer Security Using Client Hygiene Scores
13/561,652	07/30/2012	8561196	10/15/2013	Streaming Malware Definition Updates
13/593,505	08/23/2012	8805406	08/12/2014	Usage of Geo-tagging Information from Media Files to Determine Gaps in Location Information for Mobile Devices
13/598,248	08/29/2012	9286477	03/15/2016	Secure App Ecosystem with Key and Data Exchange According to Enterprise Information Control Policy
13/656,847	10/22/2012			Method and Apparatus for Generating Collective Intelligence to Automate Resource Recommendations for Improving a Computer
13/666,788	11/01/2012	9262638	02/16/2016	Hygiene-Based Computer Security
13/682,288	11/20/2012	8826431	09/02/2014	Using Telemetry to Reduce Malware Definition Package Size
13/720,495	12/19/2012	9104861	08/11/2015	Virtual Security Appliance
13/770,869	02/19/2013	9047368	06/02/2015	Self-Organizing User-Centric Document Vault
13/790,840	03/08/2013			System and Method for Managing Operations Within Virtual Machines
13/839,603	03/15/2013	8935784	01/13/2015	Protecting Subscribers of Web Feeds from Malware Attacks
13/859,312	04/09/2013	9606969	03/28/2017	Resizing Content in a Current View of a Web Browser Based on a Minimum Font Size Inputted by a User
13/875,210	05/01/2013			Possession of Synchronized Data as Authentication Factor in Online Services
13/898,022	05/20/2013			System and Method for Logging Operations of Virtual Machines
13/920,006	06/17/2013	9104519	08/11/2015	Provisioning Partner Aware Apps on Sandboxed Oss
13/930,605	06/28/2013	9137228	09/15/2015	Augmenting Service Provider and Third Party Authentication
13/931,067	06/28/2013	8959609	02/17/2015	Out-of-App Based Partner Aware User Authentication
13/951,226	07/25/2013	9330260	05/03/2016	Detecting Auto-Start Malware by Checking its Aggressive Load Point Behaviors
13/955,420	07/31/2013	9210176	12/08/2015	Mobile Device Connection Control for Synchronization and Remote Data Access
14/010,926	08/27/2013	9229522	01/05/2016	Mobile Battery Performance by Identifying Apps that Disproportionally Run Background Tasks that Prevent Mobile Devices from Sleeping
14/043,111	10/01/2013	9047467	06/02/2015	Streaming Malware Definition Updates
14/074,576	11/07/2013			Detecting A Heap Spray Attack through a Spike in Memory Usage Followed by a Program Anomaly
14/076,668	11/11/2013	9065845	06/23/2015	Detecting Misuse of Trusted Seals
14/105,446	12/13/2013	9208153	12/08/2015	Filtering Relevant Event Notifications in a File Sharing and Collaboration Environment

14/145,553	12/31/2013			Calculating Effective Changes in User Access Permissions to Data Objects Based on Group Membership Modifications
14/164,691	01/27/2014			Use of External Information About a File to Determine Virtualization
14/166,853	01/28/2014			Accelerated TCP Network Communications
14/194,587	02/28/2014			Automatically Executing Actions in a File Synchronization and Sharing Environment Across Multiple Computing Devices in Response to User Events
14/242,822	04/01/2014			Child Location Based Check-In Using Mobile Computing Devices
29/486,597	04/01/2014	D768163	10/04/2016	Display Screen or Portion Thereof with a Graphical User Interface
14/315,203	06/25/2014	9674195	06/06/2017	Use of Highly Authenticated Operations to Detect Network Address Translation
14/341,183	07/25/2014	9613213	04/04/2017	Using Telemetry to Reduce Malware Definition Package Size
14/493,013	09/22/2014	10015266	07/03/2018	Live Migration of Massive Numbers of Network Connections, including Long Lived Connections
14/531,248	11/03/2014			Method and System for Secure Network Access Using a Virtual Machine
14/549,861	11/21/2014	9230115	01/05/2016	Educating Computer Users Concerning Security Threats
14/571,257	12/15/2014	9729620	08/08/2017	Reducing Redundant Transmissions in Client Polling Operations Using a Backend Data Grid
14/588,360	12/31/2014	9384654	07/05/2016	Geolocation Awareness Item Tracking
14/642,058	03/09/2015			Method and System for Error Reporting and Correction in Transaction-Based Applications
14/674,601	03/31/2015			Resizable Raid Array
14/731,826	06/05/2015			Using Confidence About User Intent in a Reputation System
14/747,896	06/23/2015	9565192	02/07/2017	Router Based Securing of Internet of Things Devices on Local Area Networks
14/789,933	07/01/2015	9692768	06/27/2017	Sharing Confidential Graph Data Using Multi-Level Graph Summarization with Varying Data Utility and Privacy Protection
14/836,804	08/26/2015	10037425	07/31/2018	Detecting Suspicious File Prospecting Activity from Patterns of User Activity
14/968,791	12/14/2015	9948651	04/17/2018	Automatic Shared Personal Image Privacy Level Detection and Management
15/164,620	05/25/2016	9888377	02/06/2018	Using Personal Computing Device Analytics as a Knowledge Based Authentication Source
15/195,973	06/28/2016	10122737	11/06/2018	Local Area Network Ecosystem of Verified Computer Security Resources

15/230,312	08/05/2016	10009425	06/26/2018	Synchronization of Transactions Utilizing Multiple Distributed Cloud-Based Services
15/249,272	08/26/2016	10523715	12/31/2019	Analyzing Requests from Authenticated Computing Devices to Detect and Estimate the Size of Network Address Translation Systems
15/286,424	10/05/2016	10219157	02/26/2019	Secure Verified Attribute Exchange between Parties in Physical Proximity
15/385,834	12/20/2016			Detection of Potentially Physically Dangerous Applications
15/469,390	03/24/2017	9788160	10/10/2017	Dynamic Location Tracking
15/475,013	03/30/2017	10135868	11/20/2018	Defeating Wireless Signal Interference Hacks by Manipulating Signal Strength
15/582,763	04/30/2017	10178223	01/08/2019	Fraudulent Subscriber Identity Module (SIM) Swap Detection
15/610,505	05/31/2017			Efficient Incident Response Through Tree-Based Visualizations of Hierarchical Clustering
15/635,047	06/27/2017	10489593	11/26/2019	Mitigation of Malicious Actions Associated with Graphical User Interface Elements
15/665,257	07/31/2017			Automatically Adjusting Backup Set Rules Based on Anomalous Backup Activity
15/712,940	09/22/2017	10438000	10/08/2019	Using Recognized Backup Images for Recovery After a Ransomware Attack
15/725,195	10/04/2017	10534934	01/14/2020	Protection Against Accessibility Service Abuse
15/860,548	01/02/2018			Content-Based Automatic Backup of Images
15/937,401	03/27/2018	10334444	06/25/2019	Automatically Switching to a Barricade Mode to Secure Mobile Computing Devices in Response to Predetermined Mobile Computing Device Events
15/942,206	03/30/2018			Detecting and Preventing Phishing Phone Calls through Verified Attribute Analysis
15/942,232	03/30/2018			Securing of Internet of Things Devices Based on Monitoring of Information Concerning Device Purchases
15/993,400	05/30/2018			Using Security App Injection and Multi-Device Licensing to Recover Device Facing Denial of Access Caused by Malware Infection
16/116,815	08/29/2018			Rating Communicating Entities Based on the Sharing of Insecure Content
16/142,779	09/26/2018			Age-Based App Lock
16/147,467	09/28/2018			Identifying Evidence of Attacks by Analyzing Log Text
16/363,344	03/25/2019			Detecting and Preventing Password Leakage Using a Device-Level Network Filter

16/453,663	06/26/2019			Method for Determining to Grant or Deny a Permission Request Based on Empirical Data Aggregation
PCTIB2008003464	03/28/2008			Certificate Management System
PCTUS1999615512	09/27/1996			Polymorphic Virus Detection Module
PCTUS1999701510	02/03/1997			Emulation Repair System
PCTUS1999710163	06/10/1997			Use of Polymorphic Package Files to Update Software Components
PCTUS1999712043	07/11/1997			Pre-Fetch Queue Emulation
PCTUS1999722230	11/26/1997			Optimizing Access to Multiplexed Data Streams
PCTUS1999804378	02/26/1998			Fault Management During Emulation-Based Antivirus Scanning
PCTUS1999808784	04/29/1998			Push Deployment of Software Packages Using Notification Transports
PCTUS1999808897	01/05/1998			Polymorphic Virus Detection Module
PCTUS1999813774	06/30/1998			Detection of Computer Viruses Spanning Multiple Data Streams
PCTUS1999814169	07/08/1998			Detection and Elimination of Macro Viruses
PCTUS1999814178	07/08/1998			Secure Access to Software Modules
PCTUS1999818863	09/04/1998			Method, Software and Apparatus for Saving, Using and Recovering Data
PCTUS1999823709	11/06/1998			Antivirus Accelerator
PCTUS1999922630	09/28/1999			Voice Communication by Phoneme Recognition and Text to Speech
PCTUS1999926181	11/05/1999			Antivirus Accelerator for Computer Networks
PCTUS2000004758	02/25/2000			Method, Software and Apparatus for Locally or Remotely Repairing or Enhancing Computer Data
PCTUS2000010999	04/24/2000			Method and Apparatus for Dealing with Data Corruption and Shared Disks in the Context of Saving, Using and Recovering Data
PCTUS2000018732	07/10/2000			Method, Software and Apparatus for De-Fragmenting Disk Storage on which a History of Changes Is Being Tracked
PCTUS2000029626	10/26/2000			Apparatus and Method of Creating a Firewall Data Protection
PCTUS2000122150	07/13/2001			Method and Apparatus for Automatically Uninstalling Software on a Network
PCTUS2000210867	04/05/2002			Temporal Access Control for Computer Virus Outbreaks
PCTUS2004000225	01/07/2004			System and Method for Secure and Transparent Electronic Communication
PCTUS2004000226	01/07/2004			System and Method for Dynamic Data Security Operations
PCTUS2005024014	07/07/2005			Apparatus for Partial Authentication of Messages
PCTUS2007079875	09/28/2007			Apparatus and Method for Cryptographic Protection of Directories and Files

PCTUS2008086709	12/12/2008			Apparatus and Method for Processing Fragmented Cryptographics Keys
PCTUS2008087780	12/19/2008			Providing Image-Based Guidance for Remote Assistance
PCTUS2009044017	05/14/2009			Secure Application Streaming
PCTUS2009048022	06/19/2009			Streaming Malware Definition Updates
PCTUS2009049105	06/29/2009			Calculating Domain Registrar Reputation by Analysis of Hosted Domains
PCTUS201048470	09/10/2010			Viewing Content Under Enterprise Digital Rights Management without a Client Side Access Component
PCTUS201048993	09/15/2010			Just in Time Trust Establishment and Propagation
PCTUS201054129	10/26/2010			Using File Prevalence to Inform Aggressiveness of Behavioral Heuristics
PCTUS2011047993	08/16/2011			Safely Updating Latent Applications to Reduce Attack Surface
PCTUS2011065300	12/15/2011			User Authentication Via Mobile Communication Device With Imaging System
PCTUS2013023127	01/25/2013			Identifying Trojanized Applications for Mobile Environments
PCTUS2013028346	02/28/2013			Cluster Wide Consistent Detection of Interconnect Failures
PCTUS2013056967	08/28/2013			Secure App Ecosystem with Key and Data Exchange According to Enterprise Information Control Policy
PCTUS2013070137	11/14/2013			Using Telemetry to Reduce Malware Definition Package Size
PCTUS2014049234	07/31/2014			Mobile Device Connection Control for Synchronization and Remote Data Access
PCTUS2016027937	04/15/2016			Quantitative Security Improvement System Based on Crowdsourcing
PCTUS2016035571	06/02/2016			Router Based Securing of Internet of Things Devices on Local Area Networks
PCTUS2016039910	06/28/2016			Detecting Suspicious File Prospecting Activity from Patterns of User Activity
PCTUS2018035178	05/30/2018			Mitigation of Malicious Actions Associated with Graphical User Interface Elements
PCTUS9909454	04/30/1999			Computer Security