PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5659499

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

CONVEYING PARTY DATA

Name	Execution Date
ENTIT SOFTWARE LLC	05/23/2019

RECEIVING PARTY DATA

Name:	MICRO FOCUS LLC
Street Address:	4555 GREAT AMERICA PARKWAY
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1404

Property Type	Number
Patent Number:	6216140
Patent Number:	6098054
Patent Number:	6157931
Patent Number:	6185600
Patent Number:	5935251
Patent Number:	6026402
Patent Number:	5940507
Patent Number:	6259969
Patent Number:	6604090
Patent Number:	6108800
Patent Number:	6101507
Patent Number:	6084595
Patent Number:	6078982
Patent Number:	6314410
Patent Number:	6043816
Patent Number:	6360234
Patent Number:	6463444
Patent Number:	6246403
Patent Number:	6138157
Patent Number:	6185329

Property Type	Number
Patent Number:	6260048
Patent Number:	6317788
Patent Number:	6341282
Patent Number:	6360332
Patent Number:	6670973
Patent Number:	6833865
Patent Number:	6877134
Patent Number:	6526504
Patent Number:	6684244
Patent Number:	6477483
Patent Number:	6449739
Patent Number:	6704732
Patent Number:	6971094
Patent Number:	6701362
Patent Number:	6738950
Patent Number:	6973489
Patent Number:	7003781
Patent Number:	6754701
Patent Number:	6549944
Patent Number:	7062557
Patent Number:	7234060
Patent Number:	6631408
Patent Number:	6738813
Patent Number:	6944607
Patent Number:	6584433
Patent Number:	6763361
Patent Number:	6658426
Patent Number:	6834303
Patent Number:	6996845
Patent Number:	7284264
Patent Number:	7340601
Patent Number:	7237107
Patent Number:	6952768
Patent Number:	6629110
Patent Number:	7065644
Patent Number:	7062649
Patent Number:	7181618
Patent Number:	7451071

Property Type	Number
Patent Number:	7213146
Patent Number:	7099938
Patent Number:	6732118
Patent Number:	7016494
Patent Number:	7222163
Patent Number:	6823323
Patent Number:	6772374
Patent Number:	6944660
Patent Number:	6999971
Patent Number:	6684177
Patent Number:	7581167
Patent Number:	7177904
Patent Number:	6532401
Patent Number:	8117107
Patent Number:	7962950
Patent Number:	7403911
Patent Number:	7493280
Patent Number:	7003725
Patent Number:	7047277
Patent Number:	6631411
Patent Number:	6633912
Patent Number:	7221474
Patent Number:	7171554
Patent Number:	8554604
Patent Number:	6950812
Patent Number:	7536338
Patent Number:	7907139
Patent Number:	7120902
Patent Number:	7308451
Patent Number:	7685278
Patent Number:	7197559
Patent Number:	6738933
Patent Number:	7693932
Patent Number:	6912555
Patent Number:	7295752
Patent Number:	7127716
Patent Number:	7353184
Patent Number:	7031909

Property Type	Number
Patent Number:	6763338
Patent Number:	6658358
Patent Number:	7046247
Patent Number:	7085771
Patent Number:	6564342
Patent Number:	7822658
Patent Number:	8120618
Patent Number:	7610211
Patent Number:	6560564
Patent Number:	8560512
Patent Number:	7644006
Patent Number:	6694288
Patent Number:	7509356
Patent Number:	7415445
Patent Number:	6886096
Patent Number:	7412059
Patent Number:	7376969
Patent Number:	7899901
Patent Number:	7607169
Patent Number:	7219239
Patent Number:	8176527
Patent Number:	7568023
Patent Number:	6792460
Patent Number:	7624035
Patent Number:	7483537
Patent Number:	8676853
Patent Number:	8069075
Patent Number:	7562066
Patent Number:	7924874
Patent Number:	7571321
Patent Number:	6937238
Patent Number:	7945860
Patent Number:	7925981
Patent Number:	7509651
Patent Number:	7739313
Patent Number:	9197602
Patent Number:	7802084
Patent Number:	7496658

Property Type	Number
Patent Number:	7426525
Patent Number:	7496903
Patent Number:	7437734
Patent Number:	6931350
Patent Number:	7260844
Patent Number:	6898556
Patent Number:	9027120
Patent Number:	8015604
Patent Number:	8046624
Patent Number:	7567250
Patent Number:	7539690
Patent Number:	7240039
Patent Number:	7437758
Patent Number:	7373665
Patent Number:	8185348
Patent Number:	7333999
Patent Number:	6907380
Patent Number:	7565696
Patent Number:	7634450
Patent Number:	7275020
Patent Number:	7505967
Patent Number:	7062780
Patent Number:	7512800
Patent Number:	7643029
Patent Number:	7401143
Patent Number:	7822844
Patent Number:	7499984
Patent Number:	7284155
Patent Number:	8045713
Patent Number:	8528077
Patent Number:	7796515
Patent Number:	7509677
Patent Number:	7971191
Patent Number:	7325005
Patent Number:	7325006
Patent Number:	8266700
Patent Number:	8412671
Patent Number:	7403224

Property Type	Number
Patent Number:	7426485
Patent Number:	7932906
Patent Number:	7756871
Patent Number:	7644438
Patent Number:	7424742
Patent Number:	7827499
Patent Number:	7593903
Patent Number:	7437334
Patent Number:	7647631
Patent Number:	7975306
Patent Number:	7207065
Patent Number:	7647632
Patent Number:	8631391
Patent Number:	7363306
Patent Number:	7428486
Patent Number:	8566945
Patent Number:	8175852
Patent Number:	7353378
Patent Number:	7844999
Patent Number:	7945600
Patent Number:	7714876
Patent Number:	8260730
Patent Number:	7406452
Patent Number:	7962916
Patent Number:	7508773
Patent Number:	7257514
Patent Number:	7467145
Patent Number:	7924732
Patent Number:	8165972
Patent Number:	8423396
Patent Number:	9792359
Patent Number:	8271897
Patent Number:	7702687
Patent Number:	8275757
Patent Number:	8005926
Patent Number:	7593904
Patent Number:	7620978
Patent Number:	8024303

Property Type	Number
Patent Number:	7831635
Patent Number:	7797282
Patent Number:	7996853
Patent Number:	7730452
Patent Number:	8429131
Patent Number:	7716191
Patent Number:	7680801
Patent Number:	7617251
Patent Number:	7461085
Patent Number:	8024769
Patent Number:	7761458
Patent Number:	7200867
Patent Number:	8396737
Patent Number:	9069666
Patent Number:	8656269
Patent Number:	7668789
Patent Number:	7437359
Patent Number:	8744987
Patent Number:	8458336
Patent Number:	8548947
Patent Number:	8856105
Patent Number:	9311611
Patent Number:	7765597
Patent Number:	10007686
Patent Number:	8671091
Patent Number:	8800042
Patent Number:	7926089
Patent Number:	7502767
Patent Number:	9143524
Patent Number:	7925650
Patent Number:	8347392
Patent Number:	7558766
Patent Number:	8086520
Patent Number:	7797323
Patent Number:	8885928
Patent Number:	7792353
Patent Number:	8037036
Patent Number:	7849328

Property Type	Number
Patent Number:	7958148
Patent Number:	7809699
Patent Number:	8539349
Patent Number:	8656495
Patent Number:	7877433
Patent Number:	8359190
Patent Number:	8799041
Patent Number:	7895121
Patent Number:	7822812
Patent Number:	7664821
Patent Number:	8862670
Patent Number:	7571069
Patent Number:	7444680
Patent Number:	7555427
Patent Number:	8447587
Patent Number:	9400889
Patent Number:	8528093
Patent Number:	7926031
Patent Number:	8613083
Patent Number:	7760203
Patent Number:	7769827
Patent Number:	7571225
Patent Number:	8856123
Patent Number:	7921410
Patent Number:	8924843
Patent Number:	7788064
Patent Number:	7921363
Patent Number:	9047202
Patent Number:	7797341
Patent Number:	8224739
Patent Number:	8046294
Patent Number:	7761466
Patent Number:	7580906
Patent Number:	7861299
Patent Number:	9684728
Patent Number:	8548978
Patent Number:	8195487
Patent Number:	8190416

Property Type	Number
Patent Number:	8438560
Patent Number:	7921025
Patent Number:	8108409
Patent Number:	8022952
Patent Number:	7924810
Patent Number:	9824107
Patent Number:	8108550
Patent Number:	7877388
Patent Number:	8209646
Patent Number:	8527975
Patent Number:	7529827
Patent Number:	9031916
Patent Number:	8762355
Patent Number:	8762514
Patent Number:	8056130
Patent Number:	7836175
Patent Number:	9317640
Patent Number:	8291373
Patent Number:	8763102
Patent Number:	8789039
Patent Number:	8392383
Patent Number:	8136029
Patent Number:	8359582
Patent Number:	8180723
Patent Number:	8180718
Patent Number:	8549480
Patent Number:	8447719
Patent Number:	7937273
Patent Number:	8898558
Patent Number:	8516451
Patent Number:	8635593
Patent Number:	8266599
Patent Number:	9069613
Patent Number:	9430562
Patent Number:	9064119
Patent Number:	7930593
Patent Number:	7984502
Patent Number:	8572568

Property Type	Number
Patent Number:	8103675
Patent Number:	8275762
Patent Number:	8627330
Patent Number:	8627325
Patent Number:	9424539
Patent Number:	9465718
Patent Number:	8302168
Patent Number:	9836282
Patent Number:	8180693
Patent Number:	8027897
Patent Number:	8180694
Patent Number:	8224641
Patent Number:	8224642
Patent Number:	8427478
Patent Number:	8212817
Patent Number:	8239872
Patent Number:	8291068
Patent Number:	8381167
Patent Number:	9298789
Patent Number:	8180715
Patent Number:	8290153
Patent Number:	8347393
Patent Number:	8904381
Patent Number:	8086555
Patent Number:	8756094
Patent Number:	8255405
Patent Number:	9128984
Patent Number:	8938530
Patent Number:	9275151
Patent Number:	8086598
Patent Number:	8643646
Patent Number:	8738753
Patent Number:	8769605
Patent Number:	8171026
Patent Number:	8290880
Patent Number:	8615739
Patent Number:	9633117
Patent Number:	8117220

Property Type	Number
Patent Number:	8948375
Patent Number:	8972410
Patent Number:	8166038
Patent Number:	9280436
Patent Number:	8230512
Patent Number:	9098563
Patent Number:	8700674
Patent Number:	8725660
Patent Number:	8676965
Patent Number:	8549476
Patent Number:	9182964
Patent Number:	8463784
Patent Number:	9213767
Patent Number:	9917741
Patent Number:	9166989
Patent Number:	8365278
Patent Number:	9104450
Patent Number:	8762873
Patent Number:	8683445
Patent Number:	8739130
Patent Number:	8185535
Patent Number:	8555253
Patent Number:	8209513
Patent Number:	9576251
Patent Number:	8355997
Patent Number:	8311957
Patent Number:	7984125
Patent Number:	8099782
Patent Number:	8352875
Patent Number:	8214352
Patent Number:	8498959
Patent Number:	8549536
Patent Number:	8549478
Patent Number:	9256692
Patent Number:	8065732
Patent Number:	8464279
Patent Number:	8762304
Patent Number:	8374982

Property Type	Number
Patent Number:	8676859
Patent Number:	9262306
Patent Number:	8209567
Patent Number:	9405801
Patent Number:	8392393
Patent Number:	9361341
Patent Number:	8863152
Patent Number:	8478709
Patent Number:	8429602
Patent Number:	9537717
Patent Number:	9922119
Patent Number:	8832651
Patent Number:	8930525
Patent Number:	8219591
Patent Number:	8756571
Patent Number:	8392175
Patent Number:	8484221
Patent Number:	10380186
Patent Number:	8495025
Patent Number:	9355414
Patent Number:	8903833
Patent Number:	9679401
Patent Number:	9460444
Patent Number:	9053241
Patent Number:	8443292
Patent Number:	8290931
Patent Number:	8850321
Patent Number:	8621486
Patent Number:	8954451
Patent Number:	9355355
Patent Number:	8935214
Patent Number:	8738656
Patent Number:	8924794
Patent Number:	8667334
Patent Number:	9459942
Patent Number:	8527436
Patent Number:	8626476
Patent Number:	9514423

Property Type	Number
Patent Number:	8924537
Patent Number:	8577829
Patent Number:	9208050
Patent Number:	8892490
Patent Number:	8620945
Patent Number:	8719007
Patent Number:	8352777
Patent Number:	8620609
Patent Number:	9015728
Patent Number:	8620985
Patent Number:	9665909
Patent Number:	8661042
Patent Number:	9760896
Patent Number:	8572095
Patent Number:	8819286
Patent Number:	9450825
Patent Number:	8260826
Patent Number:	8260803
Patent Number:	9529578
Patent Number:	9697012
Patent Number:	9400729
Patent Number:	8566745
Patent Number:	9542160
Patent Number:	9087142
Patent Number:	10176079
Patent Number:	9529899
Patent Number:	9286197
Patent Number:	8374904
Patent Number:	8340429
Patent Number:	8855296
Patent Number:	8549482
Patent Number:	8631017
Patent Number:	9043440
Patent Number:	9009719
Patent Number:	8892505
Patent Number:	8533775
Patent Number:	10114621
Patent Number:	8819631

Property Type	Number
Patent Number:	9594573
Patent Number:	8769505
Patent Number:	8886795
Patent Number:	9444701
Patent Number:	8677324
Patent Number:	8627311
Patent Number:	9401807
Patent Number:	8505009
Patent Number:	8429117
Patent Number:	9749211
Patent Number:	8560679
Patent Number:	8626690
Patent Number:	8301889
Patent Number:	8893074
Patent Number:	8881110
Patent Number:	8819636
Patent Number:	8713088
Patent Number:	9077627
Patent Number:	9519476
Patent Number:	8590025
Patent Number:	8788601
Patent Number:	8688695
Patent Number:	8620908
Patent Number:	8635498
Patent Number:	8504585
Patent Number:	10318932
Patent Number:	10380269
Patent Number:	8595151
Patent Number:	9123003
Patent Number:	9606897
Patent Number:	9015337
Patent Number:	8745600
Patent Number:	9276820
Patent Number:	8275669
Patent Number:	8935676
Patent Number:	8884966
Patent Number:	8650637
Patent Number:	9405664

Property Type	Number
Patent Number:	9646054
Patent Number:	8880493
Patent Number:	8739280
Patent Number:	9053319
Patent Number:	8595168
Patent Number:	9652477
Patent Number:	8763005
Patent Number:	9183004
Patent Number:	8896605
Patent Number:	8719201
Patent Number:	9361342
Patent Number:	8862945
Patent Number:	10154076
Patent Number:	8886679
Patent Number:	9773327
Patent Number:	9466041
Patent Number:	9355357
Patent Number:	8739026
Patent Number:	8762502
Patent Number:	8972308
Patent Number:	9305058
Patent Number:	9141914
Patent Number:	9355389
Patent Number:	8782364
Patent Number:	8755612
Patent Number:	8683323
Patent Number:	8576342
Patent Number:	8844015
Patent Number:	8638981
Patent Number:	10229147
Patent Number:	9460225
Patent Number:	8959205
Patent Number:	9774675
Patent Number:	9773243
Patent Number:	8977904
Patent Number:	9064245
Patent Number:	8966635
Patent Number:	8688728

Property Type	Number
Patent Number:	9002847
Patent Number:	9037551
Patent Number:	9836513
Patent Number:	9116947
Patent Number:	9785631
Patent Number:	9304984
Patent Number:	9087143
Patent Number:	8745010
Patent Number:	9660924
Patent Number:	8924797
Patent Number:	8930773
Patent Number:	9922133
Patent Number:	8595799
Patent Number:	8874736
Patent Number:	9230262
Patent Number:	9262472
Patent Number:	8806464
Patent Number:	9697107
Patent Number:	10346375
Patent Number:	9143562
Patent Number:	9087052
Patent Number:	8856168
Patent Number:	10169381
Patent Number:	8805811
Patent Number:	8706203
Patent Number:	9934280
Patent Number:	8756289
Patent Number:	8850407
Patent Number:	8312027
Patent Number:	9734214
Patent Number:	9081854
Patent Number:	9141341
Patent Number:	8938384
Patent Number:	9727350
Patent Number:	9158651
Patent Number:	9229898
Patent Number:	9037518
Patent Number:	9020271

Property Type	Number
Patent Number:	8971665
Patent Number:	8793251
Patent Number:	8930964
Patent Number:	8677121
Patent Number:	9026853
Patent Number:	8972242
Patent Number:	8924316
Patent Number:	9178771
Patent Number:	9483576
Patent Number:	9658939
Patent Number:	9124621
Patent Number:	9411803
Patent Number:	8620911
Patent Number:	8938437
Patent Number:	9104812
Patent Number:	9118704
Patent Number:	9477780
Patent Number:	9317518
Patent Number:	9071510
Patent Number:	9495281
Patent Number:	9355170
Patent Number:	9465826
Patent Number:	9262492
Patent Number:	8676844
Patent Number:	9727322
Patent Number:	9069954
Patent Number:	9009139
Patent Number:	9087089
Patent Number:	9009729
Patent Number:	9356951
Patent Number:	9400682
Patent Number:	9165258
Patent Number:	9361401
Patent Number:	9280612
Patent Number:	9106681
Patent Number:	8983933
Patent Number:	9002102
Patent Number:	9235556

Property Type	Number
Patent Number:	9779524
Patent Number:	9866466
Patent Number:	9170993
Patent Number:	9304829
Patent Number:	9164857
Patent Number:	9143517
Patent Number:	9275348
Patent Number:	9456001
Patent Number:	9729505
Patent Number:	9002818
Patent Number:	8914416
Patent Number:	9152679
Patent Number:	9003537
Patent Number:	9704136
Patent Number:	8893283
Patent Number:	9355166
Patent Number:	9953169
Patent Number:	9665636
Patent Number:	9819569
Patent Number:	8781817
Patent Number:	9015474
Patent Number:	9990100
Patent Number:	9122784
Patent Number:	9350623
Patent Number:	8856889
Patent Number:	9684781
Patent Number:	9824122
Patent Number:	9256970
Patent Number:	9092696
Patent Number:	9280536
Patent Number:	9727641
Patent Number:	9224223
Patent Number:	9195535
Patent Number:	9098634
Patent Number:	10102039
Patent Number:	9568502
Patent Number:	9342301
Patent Number:	9183403

Property Type	Number
Patent Number:	9230015
Patent Number:	10303567
Patent Number:	10255152
Patent Number:	9356849
Patent Number:	9208045
Patent Number:	9104810
Patent Number:	9588879
Patent Number:	9438476
Patent Number:	9213463
Patent Number:	9612892
Patent Number:	10088969
Patent Number:	9171168
Patent Number:	9753743
Patent Number:	9355148
Patent Number:	9223647
Patent Number:	9276952
Patent Number:	9215247
Patent Number:	9407514
Patent Number:	9571508
Patent Number:	9811831
Patent Number:	9262991
Patent Number:	9269172
Patent Number:	9569471
Patent Number:	9274877
Patent Number:	9646155
Patent Number:	9645987
Patent Number:	9141654
Patent Number:	9727666
Patent Number:	9727663
Patent Number:	9832067
Patent Number:	9292408
Patent Number:	9990420
Patent Number:	9288175
Patent Number:	9996795
Patent Number:	9690870
Patent Number:	9535961
Patent Number:	9853986
Patent Number:	9798760

Property Type	Number
Patent Number:	9858318
Patent Number:	9838263
Patent Number:	10303349
Patent Number:	10136345
Patent Number:	9652509
Patent Number:	9356949
Patent Number:	9703834
Patent Number:	9720685
Patent Number:	9658945
Patent Number:	9703755
Patent Number:	10210335
Patent Number:	9531755
Patent Number:	10027686
Patent Number:	9990500
Patent Number:	9679036
Patent Number:	9864763
Patent Number:	9652174
Patent Number:	9477582
Patent Number:	9195562
Patent Number:	9311080
Patent Number:	9183123
Patent Number:	9753750
Patent Number:	10025903
Patent Number:	9940469
Patent Number:	9558355
Patent Number:	9703687
Patent Number:	10050851
Patent Number:	10389660
Patent Number:	9438617
Patent Number:	9727556
Patent Number:	10073918
Patent Number:	9996443
Patent Number:	9928239
Patent Number:	9229795
Patent Number:	9830373
Patent Number:	9397910
Patent Number:	9792442
Patent Number:	9830451

Property Type	Number
Patent Number:	9954942
Patent Number:	9690645
Patent Number:	10121268
Patent Number:	9992033
Patent Number:	10305760
Patent Number:	10382566
Patent Number:	10354210
Patent Number:	9648038
Patent Number:	9575823
Patent Number:	10175958
Patent Number:	9710366
Patent Number:	10067855
Patent Number:	10162696
Patent Number:	10019346
Patent Number:	10318122
Patent Number:	10152552
Patent Number:	9910992
Patent Number:	9870221
Patent Number:	10354553
Patent Number:	9720803
Patent Number:	10296739
Patent Number:	10331799
Patent Number:	9846781
Patent Number:	10013318
Patent Number:	9928237
Patent Number:	10289406
Patent Number:	10248620
Patent Number:	9811447
Patent Number:	9948501
Patent Number:	9798981
Patent Number:	9892262
Patent Number:	10007593
Patent Number:	10216776
Patent Number:	9916332
Patent Number:	10027683
Patent Number:	10177984
Patent Number:	9612870
Patent Number:	9501650

Property Type	Number
Patent Number:	9762602
Patent Number:	10089120
Patent Number:	9864592
Patent Number:	9990274
Patent Number:	9846573
Patent Number:	10169216
Patent Number:	10152466
Patent Number:	10198158
Patent Number:	10073755
Patent Number:	9965611
Patent Number:	10104109
Patent Number:	10212050
Patent Number:	9921877
Patent Number:	10073761
Patent Number:	10346002
Patent Number:	10282059
Patent Number:	10178001
Patent Number:	9311171
Patent Number:	10296402
Patent Number:	10198833
Patent Number:	9736177
Patent Number:	10078577
Patent Number:	10073765
Patent Number:	10164986
Patent Number:	9921948
Patent Number:	9934002
Patent Number:	10296449
Patent Number:	10242199
Patent Number:	9870353
Patent Number:	10374941
Patent Number:	10324710
Patent Number:	10242125
Patent Number:	10114801
Patent Number:	9792202
Patent Number:	10203833
Patent Number:	10372769
Patent Number:	9836530
Patent Number:	10162737

Property Type	Number
Patent Number:	9866587
Patent Number:	10146667
Patent Number:	9992379
Patent Number:	10263878
Patent Number:	10289838
Patent Number:	10339207
Patent Number:	10104112
Patent Number:	10353545
Patent Number:	10313459
Patent Number:	9678764
Patent Number:	10303760
Patent Number:	10038771
Patent Number:	10198289
Patent Number:	10268505
Patent Number:	10187492
Patent Number:	10255084
Patent Number:	10262132
Patent Number:	10068365
Patent Number:	9992256
Patent Number:	10073766
Patent Number:	10235572
Patent Number:	10187495
Patent Number:	10310852
Patent Number:	10013242
Patent Number:	10102105
Patent Number:	10241978
Patent Number:	10356026
Patent Number:	9946959
Patent Number:	10304224
Patent Number:	10185559
Patent Number:	10313460
Patent Number:	10303553
Patent Number:	10353927
Patent Number:	10341103
Patent Number:	10318740
Patent Number:	10346399
Patent Number:	10356109
Patent Number:	10248392

Property Type	Number
Patent Number:	10235095
Patent Number:	10257312
Patent Number:	10380449
Patent Number:	10389719
Patent Number:	10261886
Patent Number:	10235156
Patent Number:	10169324
Patent Number:	10228936
Patent Number:	10169853
Patent Number:	10152302
Patent Number:	10389518
Patent Number:	10067859
Patent Number:	10153981
Patent Number:	10209984
Patent Number:	10169223
Patent Number:	10310962
Patent Number:	10318728
Patent Number:	10182068
Patent Number:	10331894
Patent Number:	10241845
Patent Number:	10289613
Patent Number:	10241808
Patent Number:	10346631
Patent Number:	10042638
Patent Number:	10091311
Patent Number:	10310705
Patent Number:	10338910
Patent Number:	10248548
Patent Number:	10341381
Patent Number:	10372513
Patent Number:	10275240
Patent Number:	10346443
Patent Number:	10243679
Patent Number:	10324624
Patent Number:	10303562
Patent Number:	10324829
Patent Number:	10365995
Patent Number:	10365901

Property Type	Number
Patent Number:	D732566
Patent Number:	D720361
Patent Number:	D744537
Patent Number:	D704214
Patent Number:	D735732
Patent Number:	D740846
Patent Number:	D775176
Application Number:	12239748
Application Number:	12262017
Application Number:	12287921
Application Number:	12364170
Application Number:	12409561
Application Number:	12533763
Application Number:	12548429
Application Number:	12726596
Application Number:	12914418
Application Number:	12966382
Application Number:	13198893
Application Number:	13260293
Application Number:	13274918
Application Number:	13331815
Application Number:	13357850
Application Number:	13470762
Application Number:	13719284
Application Number:	13779826
Application Number:	13812949
Application Number:	13821208
Application Number:	13873587
Application Number:	14060186
Application Number:	14060518
Application Number:	14170404
Application Number:	14237192
Application Number:	14266135
Application Number:	14266531
Application Number:	14354115
Application Number:	14373560
Application Number:	14373780
Application Number:	14373843

Property Type	Number
Application Number:	14374841
Application Number:	14388177
Application Number:	14391692
Application Number:	14396131
Application Number:	14405563
Application Number:	14408838
Application Number:	14417950
Application Number:	14421777
Application Number:	14439832
Application Number:	14441943
Application Number:	14478420
Application Number:	14563331
Application Number:	14563552
Application Number:	14646961
Application Number:	14759704
Application Number:	14761550
Application Number:	14761574
Application Number:	14763190
Application Number:	14764280
Application Number:	14764670
Application Number:	14764973
Application Number:	14765011
Application Number:	14773943
Application Number:	14775937
Application Number:	14781896
Application Number:	14787302
Application Number:	14787326
Application Number:	14787380
Application Number:	14787452
Application Number:	14787477
Application Number:	14804654
Application Number:	14815307
Application Number:	14818054
Application Number:	14884903
Application Number:	14897271
Application Number:	14897291
Application Number:	14897813
Application Number:	14898548

Property Type	Number
Application Number:	14898660
Application Number:	14905496
Application Number:	14909480
Application Number:	14909488
Application Number:	14909504
Application Number:	14909526
Application Number:	14909655
Application Number:	14914078
Application Number:	14914088
Application Number:	14914309
Application Number:	14915294
Application Number:	14915308
Application Number:	14916302
Application Number:	14917074
Application Number:	14998175
Application Number:	15005917
Application Number:	15027776
Application Number:	15027810
Application Number:	15027842
Application Number:	15028460
Application Number:	15028721
Application Number:	15028785
Application Number:	15031431
Application Number:	15031503
Application Number:	15031719
Application Number:	15032583
Application Number:	15032667
Application Number:	15032700
Application Number:	15033084
Application Number:	15033107
Application Number:	15033144
Application Number:	15033151
Application Number:	15033160
Application Number:	15033163
Application Number:	15033174
Application Number:	15033181
Application Number:	15033200
Application Number:	15033512

Property Type	Number
Application Number:	15033519
Application Number:	15034241
Application Number:	15034324
Application Number:	15034356
Application Number:	15034369
Application Number:	15034505
Application Number:	15034513
Application Number:	15095230
Application Number:	15113257
Application Number:	15113436
Application Number:	15113541
Application Number:	15114134
Application Number:	15114198
Application Number:	15114328
Application Number:	15114337
Application Number:	15114826
Application Number:	15114913
Application Number:	15117134
Application Number:	15117484
Application Number:	15118557
Application Number:	15118952
Application Number:	15121829
Application Number:	15124020
Application Number:	15125681
Application Number:	15128501
Application Number:	15140893
Application Number:	15151753
Application Number:	15169559
Application Number:	15182119
Application Number:	15184350
Application Number:	15188312
Application Number:	15198550
Application Number:	15201171
Application Number:	15202636
Application Number:	15203451
Application Number:	15207232
Application Number:	15234662
Application Number:	15238073

Property Type	Number
Application Number:	15246266
Application Number:	15252615
Application Number:	15258784
Application Number:	15278977
Application Number:	15280920
Application Number:	15280940
Application Number:	15280954
Application Number:	15282355
Application Number:	15298844
Application Number:	15303068
Application Number:	15303254
Application Number:	15303547
Application Number:	15303771
Application Number:	15306183
Application Number:	15308590
Application Number:	15308654
Application Number:	15309836
Application Number:	15309842
Application Number:	15310120
Application Number:	15310126
Application Number:	15311449
Application Number:	15312644
Application Number:	15312645
Application Number:	15312925
Application Number:	15312955
Application Number:	15316618
Application Number:	15317044
Application Number:	15317206
Application Number:	15318868
Application Number:	15318902
Application Number:	15319338
Application Number:	15325060
Application Number:	15325493
Application Number:	15325630
Application Number:	15325786
Application Number:	15325807
Application Number:	15325847
Application Number:	15326169

Property Type	Number
Application Number:	15326326
Application Number:	15327174
Application Number:	15327599
Application Number:	15328015
Application Number:	15328023
Application Number:	15328024
Application Number:	15329022
Application Number:	15329137
Application Number:	15329806
Application Number:	15334009
Application Number:	15335953
Application Number:	15336386
Application Number:	15337244
Application Number:	15340102
Application Number:	15340218
Application Number:	15344068
Application Number:	15372114
Application Number:	15386101
Application Number:	15388184
Application Number:	15389919
Application Number:	15402992
Application Number:	15409760
Application Number:	15419707
Application Number:	15420272
Application Number:	15420417
Application Number:	15420420
Application Number:	15420521
Application Number:	15420589
Application Number:	15433136
Application Number:	15437230
Application Number:	15438259
Application Number:	15438477
Application Number:	15445477
Application Number:	15454913
Application Number:	15455964
Application Number:	15463562
Application Number:	15463623
Application Number:	15482352

Property Type	Number
Application Number:	15482367
Application Number:	15496282
Application Number:	15496285
Application Number:	15496287
Application Number:	15498779
Application Number:	15500521
Application Number:	15500523
Application Number:	15500527
Application Number:	15500530
Application Number:	15500531
Application Number:	15502523
Application Number:	15504006
Application Number:	15504011
Application Number:	15506393
Application Number:	15508710
Application Number:	15511940
Application Number:	15511986
Application Number:	15515218
Application Number:	15515719
Application Number:	15515780
Application Number:	15517212
Application Number:	15521489
Application Number:	15523527
Application Number:	15523578
Application Number:	15523647
Application Number:	15524411
Application Number:	15527547
Application Number:	15531537
Application Number:	15532982
Application Number:	15534233
Application Number:	15534258
Application Number:	15534281
Application Number:	15534733
Application Number:	15535235
Application Number:	15535615
Application Number:	15536427
Application Number:	15536704
Application Number:	15540086

Property Type	Number
Application Number:	15543328
Application Number:	15543335
Application Number:	15543358
Application Number:	15543609
Application Number:	15543745
Application Number:	15544133
Application Number:	15544142
Application Number:	15544287
Application Number:	15544338
Application Number:	15544343
Application Number:	15544357
Application Number:	15544639
Application Number:	15544671
Application Number:	15545008
Application Number:	15545099
Application Number:	15545820
Application Number:	15545826
Application Number:	15546066
Application Number:	15546072
Application Number:	15553278
Application Number:	15555417
Application Number:	15555634
Application Number:	15556089
Application Number:	15556193
Application Number:	15556625
Application Number:	15557890
Application Number:	15558659
Application Number:	15559207
Application Number:	15559642
Application Number:	15559650
Application Number:	15561564
Application Number:	15563124
Application Number:	15564272
Application Number:	15564552
Application Number:	15564573
Application Number:	15564910
Application Number:	15565521
Application Number:	15565533

Property Type	Number
Application Number:	15566840
Application Number:	15567531
Application Number:	15568099
Application Number:	15569206
Application Number:	15570878
Application Number:	15571123
Application Number:	15573967
Application Number:	15574370
Application Number:	15574628
Application Number:	15575404
Application Number:	15578753
Application Number:	15579369
Application Number:	15580430
Application Number:	15580444
Application Number:	15581953
Application Number:	15583667
Application Number:	15588391
Application Number:	15596041
Application Number:	15596042
Application Number:	15600969
Application Number:	15601548
Application Number:	15603675
Application Number:	15617048
Application Number:	15621263
Application Number:	15647049
Application Number:	15655726
Application Number:	15660348
Application Number:	15675472
Application Number:	15676343
Application Number:	15678451
Application Number:	15680092
Application Number:	15680418
Application Number:	15686388
Application Number:	15688144
Application Number:	15689043
Application Number:	15689045
Application Number:	15689047
Application Number:	15691334

Property Type	Number
Application Number:	15692581
Application Number:	15692655
Application Number:	15693026
Application Number:	15693043
Application Number:	15693067
Application Number:	15693175
Application Number:	15693189
Application Number:	15693327
Application Number:	15720777
Application Number:	15720857
Application Number:	15720910
Application Number:	15721157
Application Number:	15737864
Application Number:	15737878
Application Number:	15742677
Application Number:	15744088
Application Number:	15744092
Application Number:	15745566
Application Number:	15746160
Application Number:	15749657
Application Number:	15750630
Application Number:	15750654
Application Number:	15751265
Application Number:	15751279
Application Number:	15751289
Application Number:	15751614
Application Number:	15752044
Application Number:	15752981
Application Number:	15753255
Application Number:	15753338
Application Number:	15756902
Application Number:	15757178
Application Number:	15758284
Application Number:	15758825
Application Number:	15760378
Application Number:	15760521
Application Number:	15760983
Application Number:	15760996

Property Type	Number
Application Number:	15761188
Application Number:	15762351
Application Number:	15762586
Application Number:	15763253
Application Number:	15765297
Application Number:	15765919
Application Number:	15765944
Application Number:	15766137
Application Number:	15766655
Application Number:	15769588
Application Number:	15770899
Application Number:	15770919
Application Number:	15770951
Application Number:	15771016
Application Number:	15771037
Application Number:	15773010
Application Number:	15773348
Application Number:	15773395
Application Number:	15774819
Application Number:	15775198
Application Number:	15775324
Application Number:	15776321
Application Number:	15776567
Application Number:	15778073
Application Number:	15778459
Application Number:	15781929
Application Number:	15786353
Application Number:	15792028
Application Number:	15796986
Application Number:	15798860
Application Number:	15799575
Application Number:	15800008
Application Number:	15837724
Application Number:	15841124
Application Number:	15841137
Application Number:	15862346
Application Number:	15864246
Application Number:	15873778

Property Type	Number
Application Number:	15874831
Application Number:	15882952
Application Number:	15884978
Application Number:	15884983
Application Number:	15884988
Application Number:	15885560
Application Number:	15904495
Application Number:	15913523
Application Number:	15920192
Application Number:	15926296
Application Number:	15926392
Application Number:	15926425
Application Number:	15926460
Application Number:	15938624
Application Number:	15939902
Application Number:	15959461
Application Number:	15959600
Application Number:	15960047
Application Number:	15962790
Application Number:	15963336
Application Number:	15970117
Application Number:	15973189
Application Number:	15999111
Application Number:	15999250
Application Number:	16057289
Application Number:	16061118
Application Number:	16061547
Application Number:	16067739
Application Number:	16068001
Application Number:	16068551
Application Number:	16068782
Application Number:	16069057
Application Number:	16069661
Application Number:	16069673
Application Number:	16070008
Application Number:	16070420
Application Number:	16070655
Application Number:	16070676

Property Type	Number
Application Number:	16070866
Application Number:	16070878
Application Number:	16070895
Application Number:	16071364
Application Number:	16071721
Application Number:	16071767
Application Number:	16074631
Application Number:	16074890
Application Number:	16075846
Application Number:	16076274
Application Number:	16076948
Application Number:	16077233
Application Number:	16077591
Application Number:	16077899
Application Number:	16078240
Application Number:	16078277
Application Number:	16078777
Application Number:	16079738
Application Number:	16079752
Application Number:	16082422
Application Number:	16083668
Application Number:	16084081
Application Number:	16084408
Application Number:	16086176
Application Number:	16086474
Application Number:	16092128
Application Number:	16092522
Application Number:	16092926
Application Number:	16093832
Application Number:	16094052
Application Number:	16151851
Application Number:	16170105
Application Number:	16179615
Application Number:	16183544
Application Number:	16204158
Application Number:	16211850
Application Number:	16223291
Application Number:	16227750

Property Type	Number
Application Number:	16231028
Application Number:	16240858
Application Number:	16268157
Application Number:	16284884
Application Number:	16292990
Application Number:	16298378
Application Number:	16368428
Application Number:	16426850
Application Number:	16426856
Application Number:	16426862
Application Number:	16428422
Application Number:	16428694
Application Number:	16431528
Application Number:	16433151
Application Number:	16437962
Application Number:	16440624

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.

Email:	software.ip.mail@microfocus.com
Correspondent Name:	MICRO FOCUS LLC
Address Line 1:	500 WESTOVER DR. #12603
Address Line 4:	SANFORD, NORTH CAROLINA 27330

ATTORNEY DOCKET NUMBER:	82025498
NAME OF SUBMITTER:	JOANNA MONTGOMERY
SIGNATURE:	/JOANNA MONTGOMERY/
DATE SIGNED:	08/08/2019

Total Attachments: 97
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page1.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page2.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page3.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page4.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page5.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page6.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page7.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page8.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page9.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page10.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page11.tif

source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page12.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page13.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page14.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page15.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page16.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page17.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page18.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page19.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page20.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page21.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page22.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page23.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page24.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page25.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page26.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page27.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page28.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page29.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page30.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page31.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page32.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page33.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page34.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page35.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page36.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page37.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page38.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page39.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page40.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page41.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page42.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page43.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page44.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page45.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page46.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page47.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page48.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page49.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page50.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page51.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page52.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page53.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page54.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page55.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page56.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page57.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page58.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page59.tif

source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page60.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page61.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page62.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page63.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page64.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page65.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page66.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page67.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page68.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page69.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page70.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page71.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page72.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page73.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page74.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page75.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page76.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page77.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page78.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page79.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page80.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page81.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page82.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page83.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page84.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page85.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page86.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page87.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page88.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page89.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page90.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page91.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page92.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page93.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page94.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page95.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page96.tif
source=ENTIT TO MF LLC ASSIGNMENT WITH SCHEDULE A 8-8-19#page97.tif

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF

DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT

COPY OF THE CERTIFICATE OF AMENDMENT OF "ENTIT SOFTWARE LLC",

CHANGING ITS NAME FROM "ENTIT SOFTWARE LLC" TO "MICRO FOCUS

LLC", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF MAY,

A.D. 2019, AT 11 O`CLOCK A.M.

4281694 8100

SR# 20194615927

Authentication: 202942012

Date: 06-03-19

You may verify this certificate online at corp.delaware.gov/authver.shtml

PATENT
REEL: 050004 FRAME: 0041

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT

1. Name of Limited Liability Company: EntIT Software LLC

2. The Certificate of Formation of the limited liability company is hereby amended as follows: EntIT Software LLC shall be renamed:

   Micro Focus LLC

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the 23rd day of May, A.D. 2019.

Seattle SpinCo, Inc.

By: _____

Name: Eileen Evans
Title: Manager

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82025498	Granted	6216140	1997-09-17	2001-04-10	08931980	United States of America	METHODOLOGY FOR THE EFFICIENT MANAGEMENT OF HIERARCHICALLY ORGANIZED INFORMATION
82029515	Granted	6098054	1997-11-13	2000-08-01	08970064	United States of America	METHOD OF SECURING SOFTWARE CONFIGURATION PARAMETERS WITH DIGITAL SIGNATURES
82948170	Granted	6157931	1997-12-03	2000-12-05	08984015	United States of America	DATABASE/TEMPLATE DRIVEN FILE SELECTION FOR BACKUP PROGRAMS
82028858	Granted	6185600	1997-12-08	2001-02-06	08986601	United States of America	Universal Viewer/Browser For Network And System Events Using A Universal User Interface Generator, A Generic Product Specification Language, And Product Specific Interfaces
82028633	Granted	5935251	1997-12-22	1999-08-10	08995598	United States of America	METHOD AND APPARATUS EXPEDITED LOG-ON TO AN APPLICATION PROGRAM
82029875	Granted	6026402	1998-01-07	2000-02-15	09004131	United States of America	A METHOD FOR RESTRICTING A PROCESS OR PROCESS HIERARCHY TO A SUBSET OF A HOST'T FILE SYSTEM
82948172	Granted	5940507	1998-01-28	1999-08-17	09014830	United States of America	SECURE FILE ARCHIVE THROUGH ENCRYPTION KEY MANAGEMENT
82948647	Granted	6259969	1998-02-03	2001-07-10	09017760	United States of America	System and method for automatically verifying the performance of a virtual robot
82948651	Granted	6604090	1998-02-03	2003-08-05	09018213	United States of America	System and method for selecting responses to user input in an automated interface program
82035362	Granted	6108800	1998-02-10	2000-08-22	09021190	United States of America	Method And Apparatus For Analyzing The Performance Of An Information System
82948175	Granted	6101507	1998-02-10	2000-08-08	09021705	United States of America	FILE COMPARISON FOR DATA BACKUP AND FILE SYNCHRONIZATION
82948110	Granted	6084595	1998-02-24	2000-07-04	09028279	United States of America	INDEXING METHOD FOR IMAGE SEARCH ENGINE
82028825	Granted	6078982	1998-03-24	2000-06-20	09047248	United States of America	PRE-LOCKING SCHEME FOR ALLOWING CONSISTENT AND CONCURRENT WORKFLOW PROCESS EXECUTION IN A WORKFLOW MANAGEMENT SYSTEM

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82948654	Granted	6314410	1998-04-27	2001-11-06	09067322	United States of America	System and method for identifying the context of a statement Made to a virtual robot
82038029	Granted	6043816	1998-05-29	2000-03-28	09087583	United States of America	USER INTERFACE MECHANISM FOR MAINTAINING QUICK ACCESS TO IMPORTANT INFORMATION IN A
							WINDOWS-BASED COMPUTER ENVIRONMENT
82948114	Granted	6360234	1998-08-14	2002-03-19	09134497	United States of America	VIDEO CATALOGER SYSTEM WITH SYNCHRONIZED ENCODERS
82948118	Granted	6463444	1998-08-14	2002-10-08	09134498	United States of America	VIDEO CATALOGER SYSTEM WITH EXTENSIBILITY
82043567	Granted	6246403	1998-10-08	2001-06-12	09168841	United States of America	METHOD AND APPARATUS FOR GENERATING A GRAPHICAL USER INTERFACE
82233569	Granted	6138157	1998-10-12	2000-10-24	09170130	United States of America	METHOD AND APPARATUS FOR TESTING WEB SITES
82035590	Granted	6185329	1998-10-13	2001-02-06	09170995	United States of America	Automatic Caption Text Detection And Processing For Digital Images
82014449	Granted	6260048	1998-10-27	2001-07-10	09181136	United States of America	Resolution Of Incidents Which Occur During The Use Of A Product
82045478	Granted	6317788	1998-10-30	2001-11-13	09183420	United States of America	ROBOT POLICIES FOR MONITORING AVAILABILITY AND RESPONSE OF NETWORK PERFORMANCE AS SEEN FROM USER PERSPECTIVE
82251842	Granted	6341282	1999-04-19	2002-01-22	09295234	United States of America	Information Retrieval System and Method
82232711	Granted	6360332	1999-06-21	2002-03-19	09337082	United States of America	SOFTWARE SYSTEM AND METHODS FOR TESTING THE FUNCTIONALITY OF A TRANSACTIONAL SERVER
82251665	Granted	6670973	1999-06-29	2003-12-30	09342481	United States Of America	System And Method For Representing The Information Technology Infrastructure Of An Organization
82948130	Granted	6833865	1999-07-29	2004-12-21	09363973	United States of America	EMBEDDED METADATA ENGINES IN DIGITAL CAPTURE DEVICES

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82948125	Granted	6877134	1999-07-29	2005-04-05	09363974	United States of America	INTEGRATED DATA AND REAL-TIME METADATA CAPTURE SYSTEM AND METHOD
82051583	Granted	6526504	1999-11-18	2003-02-25	09442654	United States of America	SYSTEM AND METHOD FOR SIZING COMPUTER SYSTEMS WITH VARIABLE RAMP-UP PERIOUS BY CALCULATING A THROUGHPUT FOR TARGET CONFIGURATION BASED ON DATA OBTAINED FROM A COMPUTER SUBSYSTEM
81965828	Granted	6684244	2000-01-07	2004-01-27	09479205	United States of America	Aggregated Policy Deployment And Status Propagation In Network Management Systems
82233170	Granted	6477483	2000-01-17	2002-11-05	09484684	United States of America	SERVICE FOR LOAD TESTING A TRANSACTIONAL SERVER OVER THE INTERNET
82322858	Granted	6449739	2000-01-17	2002-09-10	09484686	United States of America	POST-DEPLOYMENT MONITORING OF SERVER PERFORMANCE
82069097	Granted	6704732	2000-01-24	2004-03-09	09490784	United States of America	Website Usage Monitoring
82059359	Granted	6971094	2000-02-22	2005-11-29	09510747	United States of America	Deployed Agent Used In The Installation And Maintenance Of Software
82947616	Granted	6701362	2000-02-23	2004-03-02	09510902	United States of America	METHOD FOR CREATING USER PROFILES
82058324	Granted	6738950	2000-03-16	2004-05-18	09527387	United States of America	Method And System For Dynamic Generation Of Web Site Content For Specific User Communities From A Single Content Base
82233230	Granted	6973489	2000-03-21	2005-12-06	09531821	United States of America	SERVER MONITORING VIRTUAL POINTS OF PRESENCE
82234028	Granted	7003781	2000-05-05	2006-02-21	09564929	United States Of America	Method And Apparatus For Correlation Of Events In A Distributed Multi-system Computing Environment
82233209	Granted	6754701	2000-05-05	2004-06-22	09565832	United States of America	USE OF A SINGLE THREAD TO SUPPORT MULTIPLE NETWORK CONNECTIONS FOR SERVER LOAD TESTING

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82232681	Granted	6549944	2000-07-06	2003-04-15	09610909	United States of America	USE OF SERVER ACCESS LOGS TO GENERATE SCRIPTS AND SCENARIOS FOR EXERCISING AND EVALUATING PERFORMANCE OF WEB SITES
81967715	Granted	7062557	2000-07-10	2006-06-13	09613007	United States of America	WEB SERVER REQUEST CLASSIFICATION SYSTEM THAT CLASSIFIES REQUESTS BASED ON USERS BEHAVIORS AND EXPECTATIONS
82193273	Granted	7234060	2000-07-11	2007-06-19	09614487	United States of America	Generation And Use Of Digital Signatures
82233572	Granted	6631408	2000-08-30	2003-10-07	09651833	United States of America	TESTING WEB SITES
82233617	Granted	6738813	2000-09-11	2004-05-18	09659476	United States of America	SYSTEM AND METHOD FOR MONITORING PERFORMANCE OF A SERVER SYSTEM USING OTHERWISE UNUSED PROCESSING CAPACITY OF USER COMPUTING DEVICES
82058099	Granted	6944607	2000-10-04	2005-09-13	09684488	United States of America	Aggregated Clustering Method And System
82059020	Granted	6584433	2000-10-04	2003-06-24	09684719	United States of America	Harmonic Average Based Clustering Method And System
82244150	Granted	6763361	2000-10-31	2004-07-13	09699348	United States of America	Object-oriented Database Abstraction And Statement Generation
82244156	Granted	6658426	2000-10-31	2003-12-02	09699349	United States of America	Object-oriented Database Abstraction And Statement Generation
82055621	Granted	6834303	2000-11-13	2004-12-21	09711785	United States of America	METHOD AND APPARATUS AUTO-DISCOVERING COMPONENTS OF DISTRIBUTED SERVICES
82244324	Granted	6996845	2000-11-28	2006-02-07	09722655	United States of America	Internet Security Analysis System And Process
81966899	Granted	7284264	2000-12-08	2007-10-16	09732621	United States of America	Discovery Of An Advertising Service In E-speak
82061615	Granted	7340601	2000-12-07	2008-03-04	09732948	United States of America	Electronic Certificate

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82061621	Granted	7237107	2000-12-07	2007-06-26	09732954	United States of America	Method And Apparatus For Discovering A Trust Chain Imparting A Required Attribute To A Subject
82061657	Granted	6952768	2000-12-07	2005-10-04	09733540	United States of America	Security Protocol
82948200	Granted	66291110	2001-01-10	2003-09-30	09757823	United States of America	ADMINISTRATION OF A DIFFERENTIAL BACKUP SYSTEM IN A CLIENT-SERVER ENVIRONMENT
81977462	Granted	7062649	2001-01-12	2006-06-13	09760236	United States of America	System And Method For Categorizing Security Profile Rules Within A Computer System
81977465	Granted	7065644	2001-01-12	2006-06-20	09759932	United States of America	System And Method For Protecting A Security Profile Of A Computer System
81977459	Granted	7181618	2001-01-12	2007-02-20	09760404	United States of America	System And Method For Recovering A Security Profile Of A Computer System
82244234	Granted	7451071	2001-07-26	2008-11-11	09766615	United States of America	Data Model For Automated Server Configuration
81977591	Granted	7213146	2001-02-20	2007-05-01	09789200	United States of America	System And Method For Establishing Security Profiles Of Computers
82060055	Granted	7099938	2001-03-23	2006-08-29	09816940	United States of America	METHOD, COMPUTER SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR MONITORING SERVICES OF AN INFORMATION TECHNOLOGY ENVIRONMENT
82060049	Granted	6732118	2001-03-26	2004-05-04	09817486	United States of America	METHOD, COMPUTER SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR MONITORING OBJECTS OF AN INFORMATION TECHNOLOGY ENVIRONMENT
82118198	Granted	7016494	2001-03-26	2006-03-21	09818074	United States of America	MULTIPLE CRYPTOGRAPHIC KEY PRECOMPUTE AND STORE
82948135	Granted	7222163	2001-04-06	2007-05-22	09827772	United States of America	SYSTEM AND METHOD FOR HOSTING OF VIDEO CONTENT OVER A NETWORK
81988007	Granted	6823323	2001-04-26	2004-11-23	09844202	United States of America	Automatic Classification Method And Apparatus

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
81986486	Granted	6772374	2001-04-30	2004-08-03	09846007	United States of America	CONTINUOUS LANGUAGE-BASED PREDICTION AND TROUBLESHOOTING TOOL
81985019	Granted	6944660	2001-05-04	2005-09-13	09848216	United States of America	System And Method For Monitoring Browser Event Activities
82951899	Granted	6999971	2001-05-08	2006-02-14	09851640	United States of America	APPARATUS AND METHOD FOR PARAMETRIC GROUP PROCESSING
81974330	Granted	6684177	2001-05-10	2004-01-27	09854212	United States of America	COMPUTER IMPLEMENTED SCALABLE, INCREMENTAL AND PARALLEL CLUSTERING BASED ON WEIGHTED DIVIDE AND CONQUER
81982907	Granted	7581167	2001-05-17	2009-08-25	09858634	United States of America	METHOD AND SYSTEM FOR AUTOMATED SIMULATION OF DYNAMIC URL-BASED WEB APPLICATION
82947624	Granted	7177904	2001-05-17	2007-02-13	09861094	United States of America	TECHNIQUES FOR SHARING CONTENT INFORMATION WITH MEMBERS OF A VIRTUAL USER GROUP IN A NETWORK ENVIRONMENT WITHOUT COMPROMISING USER PRIVACY
82948648	Granted	6532401	2001-06-14	2003-03-11	09883129	United States of America	Methods for automatically verifying the performance of a virtual robot
81988415	Granted	8117107	2001-06-29	2012-02-14	09895690	United States of America	Method For Auction Based Simulation To Extract Demand Curve
81995780	Granted	7962950	2001-06-29	2011-06-14	09896019	United States of America	System And Method For File System Mandatory Access Control
81997526	Granted	7403911	2001-07-10	2008-07-22	09902880	United States of America	METHOD AND SYSTEM FOR SETTING AN OPTIMAL PREFERENCE POLICY FOR AN AUCTION
81997523	Granted	7493280	2001-07-10	2009-02-17	09902928	United States of America	Method And System For Setting An Optimal Reserve Price For An Auction
81986426	Granted	7003725	2001-07-13	2006-02-21	09905610	United States of America	METHOD AND SYSTEM FOR NORMALIZING DIRTY TEXT IN A DOCUMENT

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82233587	Granted	7047277	2001-07-13	2006-05-16	09905647	United States of America	SYSTEM AND COMPUTER-INPLEMENTED METHOD FOR CREATING CONFIGURATION FILES FOR WEB TRANSACTION TESTS
82233593	Granted	6631411	2001-07-13	2003-10-07	09905672	United States of America	APPARATUS AND METHOD FOR MONITORING A CHAIN OF ELECTRONIC TRANSACTIONS
82233584	Granted	6633912	2001-07-13	2003-10-14	09906946	United States of America	SYSTEM, METHOD AND APPARATUS FOR PROVIDING AN ENTERPRISE PORTAL
81988013	Granted	7221474	2001-07-27	2007-05-22	09917393	United States of America	METHOD FOR VISUALIZING LARGE VOLUMES OF MULTIPLE-ATTRIBUTE DATA WITHOUT AGGREGATION USING A PIXEL BAR CHART
82060091	Granted	7171554	2001-08-13	2007-01-30	09928859	United States of America	Method, Computer Program Product And System For Providing A Switch User Functionality In An Information Technological Network
81977516	Granted	8554604	2001-08-30	2013-10-08	09944969	United States of America	Method And Apparatus For Modeling A Business Process
81986420	Granted	6950812	2001-09-17	2005-09-27	09954755	United States of America	Determining Accuracy Of A Classifier
81998210	Granted	7536338	2001-09-10	2009-05-19	09955264	United States of America	METHOD AND SYSTEM FOR AUTOMATED BID ADVICE FOR AUCTIONS
81998237	Granted	7907139	2001-10-17	2011-03-15	09982481	United States of America	METHOD FOR PLACEMENT OF DATA FOR VISUALIZATION OF MULTIDIMENSIONAL DATA SETS USING MULTIPLE PIXEL BAR CHARTS
82166300	Granted	7120902	2001-12-04	2006-10-10	10005923	United States of America	Method And Apparatus For Automatically Inferring Annotations
82947636	Granted	7308451	2001-12-14	2007-12-11	10017504	United States of America	METHOD AND SYSTEM FOR GUIDED CLUSTER BASED PROCESSING PROTOTYPES
81982880	Granted	7685278	2001-12-18	2010-03-23	10026061	United States of America	Adapting Bayesian Network Parameters On-line In A Dynamic Environment

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82232543	Granted	7197559	2001-10-19	2007-03-27	10038098	United States of America	Transaction Breakdown Feature To Facilitate Analysis Of End User Performance Of A Server System
82233335	Granted	6738933	2001-10-19	2004-05-18	10039271	United States of America	ROOT CAUSE ANALYSIS OF SERVER SYSTEM PERFORMANCE DEGRADATIONS
81997436	Granted	7693932	2002-01-15	2010-04-06	10047629	United States of America	System And Method For Locating A Resource Locator Associated With A Resource Of Interest
81986423	Granted	6912555	2002-01-18	2005-06-28	10053987	United States of America	METHOD FOR CONTENT MINING OF SEMI-STRUCTURED DOCUMENTS
82948122	Granted	7295752	2002-02-05	2007-11-13	10067550	United States of America	VIDEO CATALOGER SYSTEM WITH AUDIO TRACK EXTRACTION
81986384	Granted	7127716	2002-02-13	2006-10-24	10074799	United States of America	Method Of Load Balancing A Distributed Workflow Management System
81999926	Granted	7353184	2002-03-07	2008-04-01	10091424	United States of America	Customer-side Market Segmentation
82948320	Granted	7031909	2002-03-12	2006-04-18	10096048	United States of America	METHOD AND SYSTEM FOR NAMING A CLUSTER OF WORDS AND PHRASES
81889438	Granted	6763338	2002-04-05	2004-07-13	10116835	United States of America	MACHINE DECISIONS BASED ON PREFERENTIAL VOTING TECHNIQUES
81998420	Granted	6658358	2002-05-02	2003-12-02	10138875	United States of America	Method And System For Computing Forces On Data Objects For Physics-Based Visualization
82004141	Granted	7046247	2002-05-15	2006-05-16	10146974	United States of America	METHOD FOR VISUALIZING GRAPHICAL DATA SETS HAVING A NON-UNIFORM GRAPHICAL DENSITY FOR DISPLAY
82948434	Granted	7085771	2002-05-17	2006-08-01	10150795	United States of America	System and Method for Automatically Discovering a Hierarchy of Concepts from a Corpus of Documents
82232861	Granted	6564342	2002-05-31	2003-05-13	10161460	United States of America	POST-DEPLOYMENT MONITORING OF SERVER PERFORMANCE
82006562	Granted	7826658	2002-06-04	2010-10-26	10164194	United States of America	Dynamic Prioritization Of Activities

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82006568	Granted	8120618	2002-06-11	2012-02-21	10170062	United States of America	System And Method For Visualization Of Objects Using Energy Minimization Of Customized Potential Functions
82006556	Granted	7610211	2002-06-21	2009-10-27	10177273	United States of America	Investigating Business Processes
82233179	Granted	6560564	2002-07-08	2003-05-06	10192816	United States of America	SYSTEM AND METHODS FOR LOAD TESTING A TRANSACTIONAL SERVER OVER A WIDE AREA NETWORK
81989786	Granted	8560512	2002-07-18	2013-10-15	10199664	United States of America	Finding Matching Locations, Trajectories Or Attributes While Maintaining Privacy Of Non-matching Information
82084253	Granted	7644006	2002-07-22	2010-01-05	10200306	United States of America	Semantically Investigating Business Processes
82233239	Granted	6694288	2002-08-06	2004-02-17	10214421	United States of America	SYSTEM AND METHOD FOR AUTOMATED ANALYSIS OF LOAD TESTING RESULTS
82948210	Granted	7509356	2002-09-05	2009-03-24	10235304	United States of America	DATA BACKUP
82091654	Granted	7415445	2002-09-24	2008-08-19	10253041	United States of America	Feature Selection For Two-class Classification Systems
84195157	Granted	6886096	2002-11-14	2005-04-26	10298991	United States of America	IDENTITY-BASED ENCRYPTION SYSTEM
84280552	Granted	7412059	2002-11-27	2008-08-12	10307007	United States of America	PUBLIC-KEY ENCRYPTION SYSTEM
82579206	Granted	7376969	2002-12-02	2008-05-20	10308415	United States of America	Real Time Monitoring And Analysis Of Events From Multiple Network Security Devices
82579228	Granted	7899901	2002-12-02	2011-03-01	10308416	United States of America	Method And Apparatus For Exercising And Debugging Correlations For Network Security System
82579233	Granted	7607169	2002-12-02	2009-10-20	10308418	United States of America	User Interface For Network Security Console
82579249	Granted	7219239	2002-12-02	2007-05-15	10308585	United States of America	Method For Batching Events For Transmission By Software Agent
82579213	Granted	8176527	2002-12-02	2012-05-08	10308767	United States of America	Correlation Engine With Support For Time-Based Rules

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82090310	Granted	7568023	2002-12-24	2009-07-28	10327035	United States of America	Method, System, And Data Structure For Monitoring Transaction Performance In A Managed Computer Network Environment
82233254	Granted	6792460	2003-01-20	2004-09-14	10348203	United States of America	SYSTEM AND METHODS FOR MONITORING APPLICATION SERVER PERFORMANCE
82089086	Granted	7624035	2003-02-05	2009-11-24	10360451	United States of America	Extracting An Implied Value Of A Component Associated With A Plurality Of Product Packages
82097639	Granted	7483537	2003-02-10	2009-01-27	10364219	United States of America	SELECTING CACHED RSA KEYS IN RESPONSE TO RSA KEY REQUESTS
82255082	Granted	8676853	2003-02-27	2014-03-18	10375331	United States of America	System And Method For Software Reuse
82098767	Granted	8069075	2003-03-05	2011-11-29	10378872	United States of America	Method And System For Evaluating Performance Of A Website Using A Customer Segment Agent To Interact With The Website According To A Behavior Model
82069919	Granted	7562066	2001-11-15	2009-07-14	10380264	United States of America	Method Of Vector Analysis For A Document
82098806	Granted	7924874	2003-03-11	2011-04-12	10387148	United States of America	Evaluating And Allocating System Resources To Improve Resource Utilization
84195183	Granted	7571321	2003-03-14	2009-08-04	10390058	United States of America	IDENTITY-BASED-ENCRYPTION MESSAGING SYSTEM
82083581	Granted	6937238	2003-03-20	2005-08-30	10392646	United States of America	System For Visualizing Massive Web Transaction Data Sets Without Overlapping
82171043	Granted	7945860	2003-05-14	2011-05-17	10438576	United States of America	SYSTEMS AND METHODS FOR MANAGING CONVERSATIONS BETWEEN INFORMATION TECHNOLOGY RESOURCES
82171046	Granted	7925981	2003-05-14	2011-04-12	10438716	United States of America	SYSTEMS AND METHODS FOR MANAGING WEB SERVICES VIA A FRAMEWORK OF INTERFACES
82175963	Granted	7509651	2003-05-23	2009-03-24	10445237	United States of America	System And Method For Providing Event Notifications To Information Technology Resource Managers

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82086413	Granted	7739313	2003-05-30	2010-06-15	10448899	United States of America	Method And System For Finding Conjunctive Clusters
82276979	Granted	9197602	2003-06-09	2015-11-24	10457091	United States of America	Propagation Of Viruses Through An Information Technology Network
82201739	Granted	7802084	2004-11-24	2010-09-21	10578091	United States of America	System And Method For Management And Installation Of Operating System Images For Computers
82099442	Granted	7496658	2003-07-08	2009-02-24	10615547	United States of America	Systems And Methods For Testing Network Services
82098899	Granted	7426525	2003-08-08	2008-09-16	10637308	United States of America	METHOD AND APPARATUS FOR IDENTIFYING AN OBJECT USING AN OBJECT DESCRIPTION LANGUAGE
82001621	Granted	7496903	2003-08-12	2009-02-24	10640623	United States of America	Synthesizing Application Response Measurement (ARM) Instrumentation
82001612	Granted	7437734	2003-08-12	2008-10-14	10640625	United States of America	Propagating Web Transaction Context Into Common Object Model (COM) Business Logic Components
82171988	Granted	6931350	2003-08-28	2005-08-16	10650589	United States of America	Regression-Clustering For Complex Real-World Data
82579259	Granted	7260844	2003-09-03	2007-08-21	10655062	United States of America	Threat Detection In A Network Security System
82233245	Granted	6898556	2003-09-26	2005-05-24	10672445	United States of America	SOFTWARE SYSTEM AND METHODS FOR ANALYZING THE PERFORMANCE OF A SERVER
82579279	Granted	9027120	2003-10-10	2015-05-05	10683191	United States of America	Hierarchical Architecture In A Network Security System
82579278	Granted	8015604	2003-10-10	2011-09-06	10683221	United States of America	Hierarchical Architecture In A Network Security System
82097534	Granted	8046624	2003-10-20	2011-10-25	10687694	United States of America	Propagation Of Viruses Through An Information Technology Network
82102733	Granted	7567250	2003-10-27	2009-07-28	10694076	United States of America	Visual Boundaries For Aggregate Information In Pixel-oriented Graphs
82173455	Granted	7539690	2003-10-27	2009-05-26	10694367	United States of America	Data Mining Method And System Using Regression Clustering

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82097672	Granted	7240039	2003-10-29	2007-07-03	10695707	United States of America	System And Method For Combining Valuations Of Multiple Evaluators
82169195	Granted	7437758	2003-10-31	2008-10-14	10697044	United States of America	Propagation Of Viruses Through An Information Technology Network
82169201	Granted	7373665	2003-10-31	2008-05-13	10697645	United States of America	PROPAGATION OF VIRUSES THROUGH AN INFORMATION TECHNOLOGY NETWORK
82099127	Granted	8185348	2003-10-31	2012-05-22	10698736	United States of America	Techniques For Monitoring A Data Stream
82579271	Granted	7333999	2003-10-30	2008-02-19	10698814	United States of America	Expression Editor
81974333	Granted	6907380	2003-12-01	2005-06-14	10726254	United States of America	COMPUTER IMPLEMENTED SCALABLE, INCREMENTAL AND PARALLEL CLUSTERING BASED ON WEIGHTED DIVIDE AND CONQUER
82579265	Granted	7565696	2003-12-10	2009-07-21	10733073	United States of America	Synchronizing Network Security Devices Within A Network Security System
82097675	Granted	7634450	2003-12-12	2009-12-15	10734459	United States of America	SYSTEM AND METHOD FOR DETERMINING DIFFICULTY MEASURES FOR TRAINING CASES USED IN DEVELOPING A SOLUTION TO A PROBLEM
82173590	Granted	7275020	2003-12-23	2007-09-25	10742776	United States of America	Method And System For Testing A Computer System By Applying A Load
82171802	Granted	7505967	2004-01-21	2009-03-17	10761642	United States of America	Displaying Metrics From An Alternative Representation Of A Database
82039334	Granted	7062780	2004-01-27	2006-06-13	10765621	United States of America	Granular Access Control Of Inter-Process Communications In A Compartment Mode Workstation Labeled Environment
82169609	Granted	7512800	2004-02-03	2009-03-31	10772065	United States of America	Key Management Technique For Establishing A Secure Channel
82181165	Granted	7643029	2004-02-06	2010-01-05	10774315	United States of America	Method And System For Automated Visual Comparison Based On User Drilldown Sequences

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82233257	Granted	7401143	2004-03-03	2008-07-15	10792145	United States of America	SYSTEM AND METHODS FOR MONITORING APPLICATION SERVER PERFORMANCE
82233260	Granted	7822844	2004-03-03	2010-10-26	10792150	United States of America	SYSTEM AND METHODS FOR MONITORING APPLICATION SERVER PERFORMANCE
82097450	Granted	7499984	2004-03-23	2009-03-03	10806431	United States of America	Status-message Mapping
82176512	Granted	7284155	2004-03-29	2007-10-16	10810663	United States of America	REMOTE SOFTWARE SUPPORT AGENT SYSTEM WITH ELECTRONIC DOCUMENTS FOR TROUBLESHOOTING
82171334	Granted	8045713	2004-03-30	2011-10-25	10814608	United States of America	Cryptographic Key Update Management Method And Apparatus
82579283	Granted	8528077	2004-04-09	2013-09-03	10821459	United States of America	Comparing Events From Multiple Network Security Devices
82169216	Granted	7796515	2004-04-28	2010-09-14	10833057	United States of America	Propagation Of Viruses Through An Information Technology Network
82579286	Granted	7509677	2004-05-04	2009-03-24	10839613	United States of America	Pattern Discovery In A Network Security System
82188101	Granted	7971191	2004-06-10	2011-06-28	10865464	United States of America	System And Method For Analyzing A Process
82194227	Granted	7325005	2004-07-30	2008-01-29	10902924	United States of America	System And Method For Category Discovery
82200401	Granted	7325006	2004-07-30	2008-01-29	10903008	United States of America	System And Method For Category Organization
82244375	Granted	8266700	2005-05-16	2012-09-11	10908520	United States of America	SECURE WEB APPLICATION DEVELOPMENT ENVIRONMENT
82179935	Granted	8412671	2004-08-13	2013-04-02	10918587	United States of America	System And Method For Developing A Star Schema
82948131	Granted	7403224	2004-09-10	2008-07-22	10939216	United States of America	EMBEDDED METADATA ENGINES IN DIGITAL CAPTURE DEVICES
82256597	Granted	7426485	2004-09-14	2008-09-16	10940425	United States of America	System, Method, And Computer Program Product For Brokering Data Processing Service Licenses

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82188896	Granted	7932906	2004-09-15	2011-04-26	10941114	United States of America	CONSTRUCTING SUBSTANTIALLY EQUAL-WIDTH PIXEL BAR CHARTS TO ENABLE VISUAL DATA ANALYSIS
82192115	Granted	7756871	2004-10-13	2010-07-13	10964094	United States of America	ARTICLE EXTRACTION
82579317	Granted	7644438	2004-10-27	2010-01-05	10975962	United States of America	Security Event Aggregation At Software Agent
82579313	Granted	7424742	2004-10-27	2008-09-09	10976075	United States of America	Dynamic Security Events And Event Channels In A Network Security System
82197251	Granted	7827499	2004-10-29	2010-11-02	10977463	United States of America	HIERARCHICAL DATASET DASHBOARD VIEW
82188563	Granted	7593903	2004-12-03	2009-09-22	11004317	United States of America	METHOD AND MEDIUM FOR FEATURE SELECTION OF PARTIALLY LABELED DATA
82197998	Granted	7437334	2004-12-03	2008-10-14	11004318	United States of America	Preparing Data For Machine Learning
82244342	Granted	7647631	2004-12-07	2010-01-12	11007713	United States of America	Automated User Interaction In Application Assessment
82581166	Granted	7975306	2004-12-10	2011-07-05	11009572	United States of America	APPARATUS AND METHOD FOR MONITORING SECURE SOFTWARE
82581154	Granted	7207065	2004-12-10	2007-04-17	11010146	United States of America	APPARATUS AND METHOD FOR DEVELOPING SECURE SOFTWARE
82579327	Granted	7647632	2005-01-04	2010-01-12	11029920	United States of America	Object Reference In A System
82202615	Granted	8631391	2005-01-24	2014-01-14	11041653	United States of America	A Method And A System For Process Discovery
82200299	Granted	7363306	2005-01-27	2008-04-22	11045563	United States of America	METHOD AND SYSTEM FOR GRAPHICAL REPRESENTATION
82197245	Granted	7428486	2005-01-31	2008-09-23	11047163	United States of America	SYSTEM AND METHOD FOR GENERATING PROCESS SIMULATION PARAMETERS
82244348	Granted	8566945	2005-02-11	2013-10-22	11056928	United States of America	System And Method For Testing Web Applications With Recursive Discovery And Analysis
82193456	Granted	8175852	2005-02-11	2012-05-08	11057328	United States of America	Method Of, And System For, Process-driven Analysis Of Operations

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82196048	Granted	7353378	2005-02-18	2008-04-01	11061392	United States of America	Optimizing Computer System
82579337	Granted	7844999	2005-03-01	2010-11-30	11070024	United States of America	Message Parsing In A Network Security System
82947632	Granted	7945600	2005-03-04	2011-05-17	11073338	United States of America	TECHNIQUES FOR ORGANIZING DATA TO SUPPORT EFFICIENT REVIEW AND ANALYSIS
82202690	Granted	7714876	2005-03-10	2010-05-11	11076700	United States of America	METHOD AND SYSTEM FOR CREATING VISUALIZATIONS
82194401	Granted	8260730	2005-03-14	2012-09-04	11080098	United States of America	A Method Of, And System For, Classification
82193741	Granted	7406452	2005-03-17	2008-07-29	11083320	United States of America	Machine Learning
82183859	Granted	7962916	2005-04-05	2011-06-14	11098830	United States of America	METHOD OF DISTRIBUTING LOAD AMONGST TWO OR MORE COMPUTER SYSTEM RESOURCES
82186181	Granted	7508773	2005-04-06	2009-03-24	11099708	United States of America	METHOD OF ANALYZING THE CAPACITY OF A COMPUTER SYSTEM
							COMPUTER SUPPORT SERVICE WITH SOLUTION FUNCTION UPDATES AS A FUNCTION OF PRE-DELIVERY EXPERT CHANGES TO AUTOMATICALLY GENERATED SOLUTIONS
82183901	Granted	7257514	2005-04-06	2007-08-14	11099851	United States of America	
82197248	Granted	7467145	2005-04-15	2008-12-16	11107285	United States of America	System And Method For Analyzing Processes
82173389	Granted	7924732	2005-04-19	2011-04-12	11109285	United States of America	Quality Of Service In IT Infrastructures
82194224	Granted	8165972	2005-04-22	2012-04-24	11113251	United States of America	Determining A Feature Related To An Indication Of A Concept Using A Classifier
82208885	Granted	8423396	2005-04-28	2013-04-16	11116862	United States of America	A System And Method For Process Discovery
82208906	Granted	9792359	2005-04-29	2017-10-17	11118178	United States of America	Providing Training Information For Training A Categorizer
82081070	Granted	8271897	2005-05-24	2012-09-18	11135507	United States of America	Method And System For Navigating A User Dialog Configured To Accomplish A Task

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
81967409	Granted	7702687	2005-06-01	2010-04-20	11141839	United States of America	Method And System Of Typing Resources In A Distributed System
82194656	Granted	8275757	2005-06-14	2012-09-25	11153861	United States of America	Apparatus And Method For Process Monitoring
81983378	Granted	8005926	2005-06-29	2011-08-23	11169971	United States of America	Tiered Web Site With Web-tier Admission Control Based On Utilization Data Generated On Application Tier
82208921	Granted	7593904	2005-06-30	2009-09-22	11172187	United States of America	EFFECTING ACTION TO ADDRESS AN ISSUE ASSOCIATED WITH A CATEGORY BASED ON INFORMATION THAT ENABLES RANKING OF CATEGORIES
82197758	Granted	7620978	2005-07-29	2009-11-17	11193707	United States of America	Securely Propagating Authentication In An Ensemble Of Devices Using Single Sign-on
82208036	Granted	8024303	2005-07-29	2011-09-20	11193815	United States of America	Software Release Validation
82202498	Granted	7831635	2005-08-26	2010-11-09	11212960	United States of America	Collecting Information At A Remote Site
82213970	Granted	7797282	2005-09-29	2010-09-14	11241082	United States of America	System And Method For Modifying A Training Set
82234037	Granted	7996853	2005-10-04	2011-08-09	11243240	United States of America	Method And Apparatus For Correlation Of Events In A Distributed Multi-system Computing Environment
82189013	Granted	7730452	2005-11-01	2010-06-01	11264799	United States of America	Testing A Component Of A Distributed System
82948446	Granted	8429131	2005-11-17	2013-04-23	11282870	United States of America	Systems and methods for preventing digital asset restoration
82948452	Granted	7716191	2005-11-17	2010-05-11	11283246	United States of America	SYSTEMS AND METHODS FOR UNIONING DIFFERENT TAXONOMY TAGS FOR A DIGITAL ASSET
82948444	Granted	7680801	2005-11-17	2010-03-16	11283252	United States of America	SYSTEMS AND METHODS FOR STORING META-DATA SEPARATE FROM A DIGITAL ASSET
82948449	Granted	7617251	2005-11-17	2009-11-10	11283254	United States of America	SYSTEMS AND METHODS FOR FREEZING THE STATE OF DIGITAL ASSETS FOR LITIGATION PURPOSES

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82951900	Granted	7461085	2005-11-23	2008-12-02	11286233	United States of America	APPARATUS AND METHOD FOR PARAMETRIC GROUP PROCESSING
84195173	Granted	8024769	2005-12-09	2011-09-20	11298954	United States of America	IDENTITY-BASED ENCRYPTION SYSTEM FOR SECURE DATA DISTRIBUTION
82212008	Granted	7761458	2006-02-01	2010-07-20	11345834	United States of America	Segmentation Of A Data Sequence
82244327	Granted	7200867	2006-02-07	2007-04-03	11348416	United States of America	Webcrawl Internet Security Analysis And Process
82217258	Granted	8396737	2006-02-21	2013-03-12	11358376	United States of America	Website Analysis Combining Quantitative And Qualitative Data
82205438	Granted	9069666	2006-03-15	2015-06-30	11377755	United States of America	Systems And Methods For Controlling Error Reporting And Resolution
82206389	Granted	8556269	2006-03-27	2014-02-18	11389747	United States of America	Providing A Functionality By Loading Logic Into A Document
82208933	Granted	7668789	2006-03-30	2010-02-23	11393487	United States of America	Comparing Distributions Of Cases Over Groups Of Categories
82579348	Granted	7437359	2006-04-05	2008-10-14	11398863	United States of America	Merging Multiple Log Entries In Accordance With Merge Properties And Mapping Properties
82212998	Granted	8744987	2006-04-19	2014-06-03	11406689	United States of America	Count Estimation Via Machine Learning
82210196	Granted	8458336	2006-04-25	2013-06-04	11411997	United States of America	STATE MACHINE EVENT RESTORATION (As Amended)
82216889	Granted	8548947	2006-04-28	2013-10-01	11413534	United States of America	Systems And Methods For File Maintenance
82215809	Granted	8856105	2006-04-28	2014-10-07	11413808	United States of America	Dynamic Data Navigation
82224671	Granted	9311611	2006-06-16	2016-04-12	11454733	United States of America	Automated Service Level Management System
82244351	Granted	7765597	2006-08-01	2010-07-27	11461766	United States of America	Integrated Crawling And Auditing Of Web Applications And Web Content
82836837	Granted	10007686	2006-08-02	2018-06-26	11461926	United States of America	AUTOMATIC VERTICAL-DATABASE DESIGN
82836832	Granted	8671091	2006-08-02	2014-03-11	11461937	United States of America	QUERY OPTIMIZER

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82244378	Granted	8800042	2006-08-21	2014-08-05	11465916	United States of America	Secure Web Application Development And Execution Environment
82222670	Granted	7926089	2006-07-14	2011-04-12	11486684	United States of America	Router For Managing Trust Relationships
82216133	Granted	7502767	2006-07-21	2009-03-10	11490781	United States of America	Computing A Count Of Cases In A Class
82212611	Granted	9143524	2006-07-26	2015-09-22	11494289	United States of America	PROPAGATION OF MALICIOUS CODE THROUGH AN INFORMATION TECHNOLOGY NETWORK
82205264	Granted	7925650	2006-07-27	2011-04-12	11495847	United States of America	Image Management Methods, Image Management Systems, And Articles Of Manufacture
82581177	Granted	8347392	2006-08-25	2013-01-01	11510135	United States of America	Apparatus and method for analyzing and supplementing a program to provide security
82220342	Granted	7558766	2006-09-29	2009-07-07	11536643	United States of America	Classification Using Enhanced Feature Sets
82207711	Granted	8086520	2006-10-11	2011-12-27	11546042	United States of America	Constraint Satisfaction For Solutions To An Auction Winner-determination Problem
82224440	Granted	7797323	2006-10-11	2010-09-14	11546235	United States of America	Producing Representative Hashes For Segments Of A File
82223057	Granted	8885928	2006-10-25	2014-11-11	11552968	United States of America	CLASSIFICATION USING FEATURE SCALING
82224530	Granted	7792353	2006-10-31	2010-09-07	11555036	United States of America	RETRAINING A MACHINE-LEARNING CLASSIFIER USING RE-LABELED TRAINING SAMPLES
82948495	Granted	8037036	2006-10-31	2011-10-11	11555227	United States of America	SYSTEMS AND METHODS FOR DEFINING DIGITAL ASSET TAG ATTRIBUTES
82948468	Granted	7849328	2006-10-31	2010-12-07	11555236	United States of America	SYSTEMS AND METHODS FOR SECURE SHARING OF INFORMATION
82948480	Granted	7958148	2006-10-31	2011-06-07	11555246	United States of America	SYSTEMS AND METHODS FOR FILTERING FILE SYSTEM INPUT AND OUTPUT
82948483	Granted	7809699	2006-10-31	2010-10-05	11555254	United States of America	SYSTEMS AND METHODS FOR AUTOMATICALLY CATEGORIZING DIGITAL ASSETS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82220393	Granted	8539349	2006-10-31	2013-09-17	11555274	United States of America	Methods And Systems For Splitting A Chinese Character Sequence Into Word Segments
82244390	Granted	8656495	2006-11-17	2014-02-18	11560969	United States of America	Web Application Assessment Based On Intelligent Generation Of Attack Strings
82224305	Granted	7877433	2006-10-16	2011-01-25	11581828	United States of America	Infrastructure By Contract
82212083	Granted	8359190	2006-10-27	2013-01-22	11588690	United States of America	Identifying Semantic Positions Of Portions Of A Text
82222946	Granted	8799041	2006-10-31	2014-08-05	11590110	United States of America	Calculating An Amount Of Enterprise Resource Tobe Assigned Based On Received Parameters
82246668	Granted	7895121	2006-10-31	2011-02-22	11591388	United States of America	Method And System For Tracking Conversions In A System For Targeted Data Delivery
82947625	Granted	7822812	2007-01-03	2010-10-26	11619497	United States of America	TECHNIQUES FOR SHARING CONTENT INFORMATION WITH MEMBERS OF A VIRTUAL USER GROUP IN A NETWORK ENVIRONMENT WITHOUT COMPROMISING USER PRIVACY
82947641	Granted	7664821	2007-01-26	2010-02-16	11627886	United States of America	SYSTEMS AND METHODS FOR DETERMINING COMMUNICATION CHAINS BASED ON MESSAGES
82947642	Granted	8862670	2007-01-26	2014-10-14	11627890	United States of America	SYSTEMS AND METHODS FOR INTERACTIVELY ANALYZING COMMUNICATION CHAINS BASED ON MESSAGES
82225853	Granted	7571069	2006-12-22	2009-08-04	11644168	United States of America	DATA ASSURANCE WORKFLOW DERIVATION AND EXECUTION
82244330	Granted	7444680	2007-04-02	2008-10-28	11695147	United States of America	Webcrawl Internet Security Analysis And Process
82212086	Granted	7555427	2007-01-31	2009-06-30	11700430	United States of America	Providing A Topic List
82212089	Granted	8447587	2007-01-31	2013-05-21	11700465	United States of America	Providing A Position Based Dictionary

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82581222	Granted	9400889	2007-04-09	2016-07-26	11733169	United States of America	APPARATUS AND METHOD FOR DEVELOPING SECURE SOFTWARE
82581189	Granted	8528093	2007-04-11	2013-09-03	11734114	United States of America	Apparatus and Method for Performing Dynamic Security Testing with Static Analysis Data
82227167	Granted	7926031	2007-04-18	2011-04-12	11736833	United States of America	Configuration Management Database And System
82579250	Granted	8613083	2007-04-25	2013-12-17	11740203	United States of America	Method For Batching Events For Transmission By Software Agent
82229141	Granted	7760203	2007-04-30	2010-07-20	11742512	United States of America	GRAPHIC COLOR-PIXEL-BASED VISUAL-ANALYTIC REPRESENTATIONS FOR DATASETS
82948136	Granted	7769827	2007-05-22	2010-08-03	11752206	United States of America	INTERACTIVE VIDEO APPLICATION HOSTING
82580851	Granted	7571225	2007-06-28	2009-08-04	11770454	United States of America	STANDARD OPERATING PROCEDURE AUTOMATION IN DATABASE ADMINISTRATION
82235237	Granted	8856123	2007-07-20	2014-10-07	11780803	United States of America	Document Classification
82228820	Granted	7921410	2007-04-09	2011-04-05	11784611	United States of America	ANALYZING AND APPLICATION OR SERVICE LATENCY
82231853	Granted	8924843	2007-04-30	2014-12-30	11796809	United States of America	Visualizing A Plurality Of Time Series In Corresponding Cell Based Lines Of A Display Region
82229138	Granted	7788064	2007-04-30	2010-08-31	11796814	United States of America	FOCUS-BASED VISUAL ANALYTIC TECHNIQUES FOR EXPLORING DATA RELATIONSHIPS
82231850	Granted	7921363	2007-04-30	2011-04-05	11796817	United States of America	Applying Data Thinning Processing To A Data Set For Visualization
82230734	Granted	9047202	2007-04-30	2015-06-02	11799188	United States of America	Creating A Relationship Tree Representing Relationship Of Graphs To Enable Navigatin Through The Graphs Without Accessing An Input Data Set
82231913	Granted	7797341	2007-04-30	2010-09-14	11799212	United States of America	Desensitizing Database Information

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82235246	Granted	8224739	2007-07-30	2012-07-17	11830606	United States of America	Allocating Goods To Bidders In Combinatorial Auctions
82235240	Granted	8046294	2007-07-30	2011-10-25	11830698	United States of America	Bidding In Online Auctions
82234994	Granted	7761466	2007-07-30	2010-07-20	11830841	United States of America	Hash-based Image Identification
82183907	Granted	7580906	2007-07-31	2009-08-25	11831508	United States of America	AN AUTOMATED ADAPTIVE COMPUTER SUPPORT SYSTEM GENERATING PROBLEM SOLUTIONS HAVING CONFIDENCE LEVELS USED TO DETERMINE WHETHER HUMAN EXPERT INTERVENTION IS REQUIRED
82579260	Granted	7861299	2007-08-09	2010-12-28	11836251	United States of America	Threat Detection In A Network Security System
82948148	Granted	9684728	2007-08-21	2017-06-20	11842711	United States of America	SHARING VIDEO
82948147	Granted	8548978	2007-08-21	2013-10-01	11842740	United States of America	NETWORK VIDEO GUIDE AND SPIDERING
82226246	Granted	8195487	2007-10-16	2012-06-05	11872861	United States of America	Computer Networks
82215239	Granted	8190416	2007-10-17	2012-05-29	11873636	United States of America	COMPUTER NETWORK MANAGEMENT
82225244	Granted	8438560	2007-10-18	2013-05-07	11874440	United States of America	Resource Assessment Method And System
82235084	Granted	7921025	2007-07-19	2011-04-05	11879977	United States of America	Building Market Models for Plural Market Participants
82233563	Granted	8108409	2007-07-19	2012-01-31	11880390	United States of America	Determining Top Combinations of Items To Present To A User (as amended)
82235111	Granted	8022952	2007-07-31	2011-09-20	11888118	United States of America	Generating A Visualization To Show Mining Results Prodced From Selected Data Items And Attribute(s) In A Selected Focus Area And Other Portions Of A Data Set
82225043	Granted	7924810	2007-09-19	2011-04-12	11902131	United States of America	Method And Computing System For Controlling Access

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82579378	Granted	9824107	2007-10-24	2017-11-21	11923502	United States of America	Tracking Changing State Data to Assist in Computer Network Security
82579397	Granted	8108550	2007-10-24	2012-01-31	11923513	United States of America	Real-Time Identification Of An Asset Model And Categorization Of An Asset To Assist In Computer Network Security
82947637	Granted	7877388	2007-10-31	2011-01-25	11931004	United States of America	METHOD AND SYSTEM FOR GUIDED CLUSTER BASED PROCESSING PROTOTYPES
82581207	Granted	8209646	2007-11-02	2012-06-26	11934717	United States of America	Apparatus and Method for Analyzing Source Code Using Path Analysis and Boolean Satisfiability
82581212	Granted	8527975	2007-11-02	2013-09-03	11934722	United States of America	Apparatus and Method for Analyzing Source Code Using Memory Operation Evaluation and Boolean Satisfiability
82580853	Granted	7529827	2007-12-10	2009-05-05	11953563	United States of America	STANDARD OPERATING PROCEDURE AUTOMATION IN DATABASE ADMINISTRATION
82579553	Granted	9031916	2007-12-28	2015-05-12	11966078	United States of America	Storing Log Data Efficiently While Supporting Querying To Assist In Computer Network Security
82228493	Granted	8762355	2008-01-23	2014-06-24	12018514	United States of America	Generating Configuration Files
82216277	Granted	8762514	2005-10-05	2014-06-24	12047512	United States of America	Load-testing Device And Load-testing Method
82579207	Granted	8056130	2008-04-04	2011-11-08	12098322	United States of America	Real Time Monitoring And Analysis Of Events From Multiple Network Security Devices
82227701	Granted	7836175	2008-04-15	2010-11-16	12103319	United States of America	Apparatus And Method For Processing Management Information
82257404	Granted	9317640	2008-05-16	2016-04-19	12122425	United States of America	SYSTEM AND METHOD FOR THE ELECTRONIC DESIGN OF COLLABORATIVE AND VALIDATED ARCHITECTURES
82257686	Granted	8291373	2008-08-13	2012-10-16	12191160	United States of America	GENERATING LOADRUNNER SCRIPTS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82245614	Granted	8763102	2008-09-19	2014-06-24	12233666	United States of America	Single Sign On Infrastructure
82244645	Granted	8789039	2008-09-26	2014-07-22	12239373	United States of America	Method And System Of Installing A Program On A First Computer, And Duplicating The Installation On A Second Computer
82241645	Granted	8392383	2008-09-26	2013-03-05	12239433	United States of America	System And Method For Recording Files Of Data
82248650	Granted	8136029	2008-09-26	2012-03-13	12239461	United States of America	METHOD AND SYSTEM FOR CHARACTERISING A WEB SITE BY SAMPLING
82238507	Granted	8359582	2008-09-27	2013-01-22	12239745	United States of America	Compiling And Inserting Code Snippets At Runtime
82235678	Granted	8180723	2008-09-27	2012-05-15	12239747	United States of America	ROOT CAUSE ANALYSIS IN A SYSTEM HAVING A PLURALITY OF INTER-RELATED ELEMENTS
82239371	Allowed		2008-09-27		12239748	United States of America	Business Process Optimization And Problem Resolution
82235684	Granted	8180718	2008-09-27	2012-05-15	12239751	United States of America	ENGINE FOR PERFORMING ROOT CAUSE AND EFFECT ANALYSIS
82241990	Granted	8549480	2008-09-27	2013-10-01	12239753	United States of America	Maintenance For Automated Software Testing
82235708	Granted	8447719	2008-09-27	2013-05-21	12239755	United States of America	COMPILATION OF CAUSAL RULES INTO CONTINUATIONS
82237892	Granted	7937273	2008-09-27	2011-05-03	12239756	United States of America	Change Collision Calculation System And Method
82235456	Granted	8898558	2008-09-29	2014-11-25	12240934	United States of America	Managing Multimodal Annotations Of An Image
82245605	Granted	85164451	2008-09-30	2013-08-20	12241622	United States of America	System And Method For Creating Virtual Callback Objects
82239587	Granted	8635593	2008-09-30	2014-01-21	12241661	United States of America	Dynamic Autocompletion Tool
82236488	Granted	8266599	2008-09-30	2012-09-11	12241730	United States of America	Output From Changed Object On Application
82239407	Granted	9069613	2008-09-30	2015-06-30	12242707	United States of America	Processing Batch Database Workload While Avoiding Overload

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82235354	Granted	9430562	2008-09-30	2016-08-30	12242752	United States of America	Classifier Indexing
82234799	Granted	9064119	2008-10-01	2015-06-23	12242998	United States of America	Information Scanning Across Multiple Devices
82245719	Granted	7930593	2008-10-01	2011-04-19	12243262	United States of America	Segment Based Technique And System For Detecting Performance Anomalies And Changes For A Computer Based Service
82579287	Granted	7984502	2008-10-01	2011-07-19	12243838	United States of America	Pattern Discovery In A Network System
82246688	Granted	8572568	2008-10-14	2013-10-29	12251306	United States of America	Test Tool For Concurrent Web Services And User Interface Testing
82246970	Granted	8103675	2008-10-20	2012-01-24	12254303	United States of America	Predicting User Item Ratings
82242932	Granted	8275762	2008-10-21	2012-09-25	12255613	United States of America	Reverse Mapping Of Feature Space To Predict Execution In A Database
82242758	Granted	8627330	2008-10-22	2014-01-07	12256361	United States of America	Managing A Workload In A Database
82243058	Granted	8627325	2008-10-24	2014-01-07	12258226	United States of America	Scheduling Memory Usage Of A Workload
82242923	Granted	9424539	2008-10-30	2016-08-23	12261760	United States of America	SYSTEMS AND METHODS FOR DEFINING BEST PRACTICES, MANAGING BEST PRACTICES, AND VALIDATING SERVICE MODELS
82245518	Granted	9465718	2008-10-30	2016-10-11	12261761	United States of America	Filter Generation For Load Testing Managed Environments
82238048	Granted	8302168	2008-10-30	2012-10-30	12261913	United States of America	Push Artifact Binding For Communication In A Federated Identity System
82242857	Granted	9836282	2008-10-30	2017-12-05	12261989	United States of America	SEPARATION OF CONCERNS BETWEEN INFORMATION TECHNOLOGY SERVICES MODELS
82242845	Published		2008-10-30		12262017	United States of America	AN ARCHITECTURE FOR INSTANTIATING INFORMATION TECHOLOGY SERVICES

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82248482	Granted	8180693	2008-10-31	2012-05-15	12262519	United States of America	PREDICTION OF FINANCIAL PERFORMANCE FOR A GIVEN PORTFOLIO OF MARKETING INVESTMENTS
82248485	Granted	8027897	2008-10-31	2011-09-27	12262533	United States of America	A System And Method For Optimizing Financial Performance Generated By Marketing Investments Under Budget Constraints
82248512	Granted	8180694	2008-10-31	2012-05-15	12262538	United States of America	A System And Method For Incorporating Qualitative Inputs Into Econometric Models
82947648	Granted	8224642	2008-11-20	2012-07-17	12275027	United States of America	LANGUAGE IDENTIFICATION FOR DOCUMENTS CONTAINING MULTIPLE LANGUAGES
82947645	Granted	8224641	2008-11-19	2012-07-17	12274182	United States of America	AUTOMATED IDENTIFICATION OF DOCUMENTS AS NOT BELONGING TO ANY LANGUAGE
82245977	Allowed		2008-10-15		12287921	United States of America	Virtual Redeemable Offers
82240094	Granted	8427478	2008-10-28	2013-04-23	12290252	United States of America	Displaying Continually Incoming Time Series Data That Uses Overwriting Of One Portion Of The Time Series Data While Another Portion Of The Time Series Data Remains Unshifted
82247360	Granted	8212817	2008-10-31	2012-07-03	12290616	United States of America	Spatial Temporal Visual Analysis Of Thermal Data
82248170	Granted	8239872	2008-12-11	2012-08-07	12314481	United States of America	Method And System For Controlling Distribution Of Work Items To Threads In A Server
82249358	Granted	8291068	2009-01-14	2012-10-16	12320004	United States of America	Automatic Protocol Detection
82247633	Granted	8381167	2009-01-29	2013-02-19	12320587	United States of America	Business Service Discovery

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82248260	Granted	9298789	2009-01-23	2016-03-29	12321612	United States of America	PLACEMENT OF CELLS IN BINS TO PROVIDE NON OVERLAPPING VISUALIZATION OF DATA POINTS OF A SCATTER PLOT
82248068	Granted	8180715	2008-12-11	2012-05-15	12332930	United States of America	SYSTEMS AND METHODS FOR COLLABORATIVE FILTERING USING COLLABORATIVE INDUCTIVE TRANSFER
82097642	Granted	8290153	2008-12-19	2012-10-16	12340490	United States of America	Selecting Cached Rsa-keys In Response To RSA Key Requests
82248755	Granted	8347393	2009-01-09	2013-01-01	12351788	United States of America	Method And System For Detecting A State Of A Web Application Using A Signature
82248233	Granted	8904381	2009-01-23	2014-12-02	12358995	United States of America	User Defined Data Partitioning (UDP) - Grouping of Data Based on Computation Model
82248461	Granted	8086555	2009-01-23	2011-12-27	12359167	United States of America	Collaborative Filtering Systems And Methods
82247696	Granted	8756094	2009-01-26	2014-06-17	12359853	United States of America	RISK MITIGATION FOR COMPUTER SYSTEM CHANGE REQUESTS
82249202	Granted	8255405	2009-01-30	2012-08-28	12363695	United States of America	Term Extraction From Service Description Documents
82248587	Granted	9128984	2009-02-02	2015-09-08	12364107	United States of America	Query Plan Analysis Of Alternative Plans Using Robustness Mapping
82248626	Published		2009-02-02		12364170	United States of America	DATABASE SYSTEM TESTING USING ROBUSTNESS MAPS
82248521	Granted	8938530	2009-02-04	2015-01-20	12365771	United States of America	Method And System For Identifying Dynamic Content In Hypertext Transfer Protocol (HTTP) Responses
82249607	Granted	9275151	2009-02-06	2016-03-01	12367200	United States of America	System And Method For Generating A User Profile
82837191	Granted	8086598	2009-02-06	2011-12-27	12367415	United States of America	QUERY OPTIMIZER WITH SCHEMA CONVERSION
82249610	Granted	8643646	2009-03-16	2014-02-04	12381716	United States of America	Constructing A Cell-based Cluster Of Data Records Of A Scatter Plot

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82580859	Granted	8738753	2009-03-16	2014-05-27	12405109	United States of America	STANDARD OPERATING PROCEDURE AUTOMATION IN DATABASE ADMINISTRATION
82249664	Published		2009-03-24		12409561	United States of America	Transforming A Description Of Services For Web Services
92015577	Granted	8769605	2009-03-27	2014-07-01	12412399	United States of America	SYSTEM AND METHOD FOR DYNAMICALLY ENFORCING SECURITY POLICIES ON ELECTRONICS FILES
82069934	Granted	8171026	2009-04-16	2012-05-01	12424801	United States of America	Method And Vector Analysis For A Document
82250771	Granted	8290880	2009-04-22	2012-10-16	12427924	United States of America	System And Method For Estimating A Parameter That Represents Data Describing A Physical System
82249187	Granted	8615739	2009-04-23	2013-12-24	12428733	United States of America	Resource Monitoring
82250825	Granted	9633117	2009-04-27	2017-04-25	12430411	United States of America	System And Method For Making A Recommendation Based On User Data
82250417	Granted	8117220	2009-04-30	2012-02-14	12433791	United States of America	Artificial Record Added To A Database
84195246	Granted	8948375	2009-05-05	2015-02-03	12435635	United States of America	SYSTEMS FOR EMBEDDING INFORMATION IN DATA STRINGS
82241720	Granted	8972410	2009-05-11	2015-03-03	12463972	United States of America	Identifying Related Objects In A Computer Database
82948498	Granted	8166038	2009-06-11	2012-04-24	12482811	United States of America	INTELLIGENT RETRIEVAL OF DIGITAL ASSETS
82245740	Granted	9280436	2009-06-17	2016-03-08	12486326	United States of America	MODELING A COMPUTING ENTITY
82579266	Granted	8230512	2009-06-26	2012-07-24	12493012	United States of America	Timestamp Modification In A Network Security System
82249391	Granted	9098563	2009-07-14	2015-08-04	12502641	United States of America	Comparing Versions Of A Hierarchical Object
82836850	Granted	8700674	2009-07-14	2014-04-15	12502890	United States of America	DATABASE STORAGE ARCHITECTURE
82258097	Granted	8725660	2009-07-30	2014-05-13	12512243	United States of America	Applying Non-linear Transformation Of Feature Values For Training A Classifier

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82257989	Granted	8676965	2009-07-30	2014-03-18	12512394	United States of America	Tracking High-level Network Transactions
82259657	Granted	8549476	2009-07-30	2013-10-01	12512841	United States of America	Comparison Of Result Of Program Operation To Result Of An Operation Of A Different Version Of The Program
82250906	Granted	9182964	2009-07-31	2015-11-10	12533660	United States of America	System And Method For Deploying Software Into A Computing Environment
82258100	Published		2009-07-31		12533763	United States of America	Method And System For Providing Website Content
82259555	Granted	8463784	2009-08-07	2013-06-11	12537614	United States of America	IMPROVING DATA CLUSTERING STABILITY
82258112	Granted	9213767	2009-08-10	2015-12-15	12538405	United States of America	Method And System For Characterizing Web Content
82257839	Published		2009-08-27		12548429	United States of America	Predicting Email Responses
82251374	Granted	9917741	2009-08-27	2018-03-13	12548987	United States of America	Method And System For Processing Network Activity Data
82579554	Granted	9166989	2009-09-04	2015-10-20	12554541	United States of America	Storing Log Data Efficiently While Supporting Querying
82579234	Granted	8365278	2009-09-10	2013-01-29	12557229	United States of America	Displaying Information Regarding Time-Based Events
82259414	Granted	9104450	2009-10-26	2015-08-11	12605418	United States of America	GRAPHICAL USER INTERFACE COMPONENT CLASSIFICATION
82259417	Granted	8762873	2009-10-26	2014-06-24	12605426	United States of America	GRAPHICAL USER INTERFACE COMPONENT IDENTIFICATION
82259627	Granted	8683445	2009-10-28	2014-03-25	12607781	United States of America	User-interface Testing
82259624	Granted	8739130	2009-10-29	2014-05-27	12608096	United States of America	Quality Assurance Testing
82258175	Granted	8185535	2009-10-30	2012-05-22	12609327	United States of America	Methods And Systems For Determining Unknowns In Collaborative Filtering
82259684	Granted	8555253	2009-11-02	2013-10-08	12611065	United States of America	System And Method For Monitoring Exploratory Testing By A Plurality Of Testers

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82948514	Granted	8209513	2009-11-12	2012-06-26	12616851	United States of America	DATA PROCESSING SYSTEM WITH APPLICATION-CONTROLLED ALLOCATION OF FILE STORAGE SPACE
82259585	Granted	9576251	2009-11-13	2017-02-21	12618151	United States of America	METHOD AND SYSTEM FOR PROCESSING WEB ACTIVITY DATA
82259588	Granted	8355997	2009-11-13	2013-01-15	12618159	United States of America	Method And System For Developing A Classification Tool
82259594	Granted	8311957	2009-11-13	2012-11-13	12618181	United States of America	Method And System For Developing A Classification Tool
82948511	Granted	7984125	2009-11-17	2011-07-19	12620105	United States of America	TECHNIQUES FOR DEPLOYING VIRTUAL MACHINES USING ADHCP SERVER TO ASSIGN RESERVED IP ADDRESSES
82579318	Granted	8099782	2009-11-17	2012-01-17	12620345	United States of America	Event Aggregation In A Network
82258736	Granted	8352875	2009-11-17	2013-01-08	12620520	United States of America	System And Method For Integrating A Plurality Of Software Applications
82836843	Granted	8214352	2009-11-24	2012-07-03	12625482	United States of America	MODULAR QUERY OPTIMIZER
82258982	Granted	8498959	2009-11-28	2013-07-30	12626882	United States of America	Policy Enforcement
82948506	Granted	8549536	2009-11-30	2013-10-01	12627145	United States of America	PERFORMING A WORK FLOW HAVING A SET OF DEPENDANCY-RELATED PREDEFINED ACTIVITIES ON A PLURALITY OF TASK SERVERS
82260611	Granted	8549478	2009-12-02	2013-10-01	12629107	United States of America	Graphical User Interface Input Element Identification
82259633	Granted	9256692	2009-12-03	2016-02-09	12629907	United States of America	CLICKSTREAMS AND WEBSITE CLASSIFICATION
82579328	Granted	8065732	2009-12-03	2011-11-22	12630573	United States of America	Object Reference In A System
82259282	Granted	8464279	2009-12-18	2013-06-11	12641876	United States of America	DOMAIN EVENT CORRELATION
82259645	Granted	8762304	2010-01-04	2014-06-24	12651765	United States of America	Policy Scheduling

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82259561	Granted	8374982	2010-01-14	2013-02-12	12687458	United States of America	System And Method For Constructing Forecasting Models
82259570	Granted	8676859	2010-01-21	2014-03-18	12691101	United States of America	Method And System For Analyzing Data Stored In A Database
82261025	Granted	9262306	2010-01-27	2016-02-16	12695145	United States of America	SOFTWARE APPLICATION TESTING
82259003	Granted	8209567	2010-01-28	2012-06-26	12695780	United States of America	Message Clustering Of System Event Logs
82260590	Granted	9405801	2010-02-10	2016-08-02	12703574	United States of America	PROCESSING A DATA STREAM
82260143	Granted	8392393	2010-02-12	2013-03-05	12704770	United States of America	GRAPH SEARCHING
82259120	Granted	9361341	2010-02-16	2016-06-07	12706154	United States of America	Functional-form Queries
82251215	Granted	8863152	2010-02-19	2014-10-14	12708542	United States of America	Communication Bridge
82261061	Granted	8478709	2010-03-08	2013-07-02	12719198	United States of America	Evaluation Of Client Status For Likelihood Of Churn
82260572	Granted	8429602	2010-03-12	2013-04-23	12723459	United States of America	IDENTIFICATION OF USER INTERFACE CONTROLS
82260107	Published		2010-03-18		12726596	United States of America	GRAPH TRANSFORMATION
82250618	Granted	9537717	2010-03-23	2017-01-03	12729251	United States of America	Policy-provisioning
82239569	Granted	9922119	2007-11-08	2018-03-20	12741204	United States of America	NAVIGATIONAL RANKING FOR FOCUSED CRAWLING
82261385	Granted	8832651	2010-03-30	2014-09-09	12750371	United States of America	Central Service Provisioning System
82261505	Granted	8930525	2010-04-27	2015-01-06	12768451	United States of America	Method And Apparatus For Measuring Business Transaction Performance
82260173	Granted	8219591	2010-05-03	2012-07-10	12772479	United States of America	GRAPH QUERY ADAPTATION
82260023	Granted	8756571	2010-05-07	2014-06-17	12776043	United States of America	NATURAL LANGUAGE TEXT INSTRUCTIONS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82947656	Granted	8392175	2010-05-21	2013-03-05	12785105	United States of America	PHRASE-BASED DOCUMENT CLUSTERING WITH AUTOMATIC PHRASE EXTRACTION
82947664	Granted	8484221	2010-05-25	2013-07-09	12787119	United States of America	ADAPTIVE ROUTING OF DOCUMENTS TO SEARCHABLE INDEXES
82260146	Granted	10380186	2010-05-26	2019-08-13	12787593	United States of America	VIRTUAL TOPOLOGICAL QUERIES
82948523	Granted	8495025	2010-05-28	2013-07-23	12789797	United States of America	FOLDERING BY STABLE QUERY
82261022	Granted	9355414	2010-05-30	2016-05-31	12790844	United States of America	Collaborative filtering model having improved predictive performance
82262372	Granted	8903833	2010-06-04	2014-12-02	12794621	United States of America	OBJECT IDENTIFICATION BY ELECTOR
82260704	Granted	9679401	2010-03-30	2017-06-13	12798257	United States of America	GENERALIZED SCATTER PLOTS
82263626	Granted	9460444	2010-09-03	2016-10-04	12807378	United States of America	VISUAL REPRESENTATION OF A CELL-BASED CALENDAR TRANSPARENTLY OVERLAID WITH EVENT VISUAL INDICATORS FOR MINING DATA RECORDS
82262381	Granted	9053241	2010-06-11	2015-06-09	12814345	United States of America	SCRIPTING APPLICATION WITH ROLE IDENTIFICATION
82262393	Granted	8443292	2010-06-11	2013-05-14	12814364	United States of America	SCRIPTING APPLICATION WITH PRIVACY MODE COORDINATION
82836860	Granted	8290931	2010-06-16	2012-10-16	12816770	United States of America	DATABASE DESIGNER
82263050	Granted	8850321	2010-06-23	2014-09-30	12821457	United States of America	CROSS-DOMAIN BUSINESS SERVICE MANAGEMENT
82262390	Granted	8621486	2010-06-30	2013-12-31	12827134	United States of America	SIGNIFICANCE LEVEL AUTOMATION
82263338	Granted	8954451	2010-06-30	2015-02-10	12828240	United States of America	Selecting Microblog Entries Based On Web Pages, Via Path Similarity Within Hierarchy Of Categories
82262384	Granted	9355355	2010-07-02	2016-05-31	12830233	United States of America	Rule Based Automation

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82948629	Granted	8935214	2010-08-16	2015-01-13	12856904	United States of America	STORING ELECTRONIC CONTENT WITH TIME-VARYING PROTERTIES
82262063	Granted	8738656	2010-08-23	2014-05-27	12861736	United States of America	Method And System For Processing A Group Of Resource Identifiers
82241288	Granted	8924794	2008-02-21	2014-12-30	12867445	United States of America	Method And Computer Program Product For Forecasting System Behavior
82263146	Granted	8667334	2010-08-27	2014-03-04	12870418	United States of America	PROBLEM ISOLATION IN A VIRTUAL ENVIRONMENT
82263065	Granted	9459942	2010-08-27	2016-10-04	12870428	United States of America	CORRELATION OF METRICS MONITORED FROM A VIRTUAL ENVIRONMENT
82947667	Granted	8527436	2010-08-30	2013-09-03	12871879	United States of America	AUTOMATED PARSING OF E-MAIL MESSAGES
82263008	Granted	8626476	2010-08-31	2014-01-07	12872032	United States of America	DETERMINING THE IMPACT OF ELEMENTS IN A TECHNOLOGY SYSTEM
82263194	Granted	9514423	2010-09-07	2016-12-06	12876651	United States of America	TEST PLANNING TOOL FOR SOFTWARE UPDATES
82263152	Granted	8924537	2010-09-09	2014-12-30	12878684	United States of America	BUSINESS PROCESSES TRACKING
82579430	Granted	8577829	2010-09-13	2013-11-05	12881036	United States of America	Extracting Information From Unstructured Data And Mapping The Information To A Structured Schema Using The Naïve Bayesian Probability Model
82262552	Granted	9208050	2010-09-20	2015-12-08	12885587	United States of America	METHODS AND APPARATUS TO MANAGE SYSTEM PERFORMANCE INFORMATION
82262264	Granted	8892490	2010-09-22	2014-11-18	12887965	United States of America	DETERMINING WHETHER A POINT IN A DATA STREAM IS AN OUTLIER USING HIERARCHICAL TREES
82262015	Granted	8620945	2010-09-23	2013-12-31	12888427	United States of America	A Query Rewind Mechanism For Processing A Continuous Stream Of Data
82261049	Granted	8719007	2010-09-27	2014-05-06	12891150	United States of America	Determining Offer Terms From Text
82263083	Granted	8352777	2010-10-04	2013-01-08	12897224	United States of America	REPLAYING CAPTURED NETWORK TRAFFIC
82264847	Granted	8620609	2010-10-07	2013-12-31	12900307	United States of America	METHOD AND APPARATUS FOR IDENTIFYING ANOMALIES OF A SIGNAL

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82264421	Granted	9015728	2010-10-12	2015-04-21	12902990	United States of America	METHODS, APPARATUS, AND SYSTEMS TO ACCESS RUNTIME VALUES OF OBJECT INSTANCES
82264604	Granted	8620985	2010-10-14	2013-12-31	12904829	United States of America	METHOD, SYSTEM, AND PRODUCT FOR PERFORMING UNIFORMLY FINE-GRAIN DATA PARALLEL COMPUTING
82264226	Granted	9665909	2010-10-18	2017-05-30	12906460	United States of America	TRANSACTION CLASSIFICATION RULE GENERATION
82263335	Granted	8661042	2010-10-18	2014-02-25	12906551	United States of America	Collaborative Filtering With Hashing
82263596	Granted	9760896	2010-10-18	2017-09-12	12906739	United States of America	ACQUIRING CUSTOMER INSIGHT IN A RETAIL ENVIRONMENT
82264349	Granted	8572095	2010-10-19	2013-10-29	12907154	United States of America	ADAPTIVE OBJECT IDENTIFICATION
82263119	Granted	8819286	2010-10-19	2014-08-26	12907173	United States of America	METHODS, SYSTEMS, AND APPARATUS FOR PROCESSING MESSAGING DATA SETS USING STRUCTURED DATA SETS
82264181	Granted	9450825	2010-10-19	2016-09-20	12907605	United States of America	MANAGING SETTINGS OF COMPUTING DEVICES
82264238	Granted	8260826	2010-10-19	2012-09-04	12907940	United States of America	Data Processing System And Method
82264511	Granted	8260803	2010-10-19	2012-09-04	12907948	United States of America	SYSTEM AND METHOD FOR DATA STREAM PROCESSING
82263227	Granted	9529578	2010-10-20	2016-12-27	12908685	United States of America	AUTOMATED SERVICE VERSION UPGRADING
82264352	Granted	9697012	2010-10-22	2017-07-04	12910025	United States of America	RELATION-BASED IDENTIFICATION OF AUTOMATION OBJECTS
82264298	Published		2010-10-28		12914418	United States of America	TIME TRACKING SYSTEMS AND METHODS
82264283	Granted	9400729	2010-10-29	2016-07-26	12916356	United States of America	SYSTEM AND METHOD FOR DETERMINING TOPOLOGY OF MONITORED ENTITIES
82264319	Granted	8566745	2010-10-29	2013-10-22	12916442	United States of America	A METHOD AND SYSTEM FOR PROJECT AND PORTFOLIO MANAGEMENT

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82264382	Granted	9542160	2010-10-29	2017-01-10	12916445	United States of America	SYSTEM AND METHOD FOR SOFTWARE DEVELOPMENT REPORT GENERATION
82263650	Granted	9087142	2010-10-30	2015-07-21	12916501	United States of America	DETERMINING A SIMILARITY BETWEEN TREE RELATED STRUCTURES
82239077	Granted	10176079	2008-02-29	2019-01-08	12918389	United States of America	Identification Of Elements Of Currently-executing Component Script
82263488	Granted	9529899	2010-10-07	2016-12-27	12924870	United States of America	Visualizing Motifs With Visual Structures
82244429	Granted	9286197	2008-05-29	2016-03-15	12937350	United States of America	Method And System Of Testing Software Using Real Time Replication
82275542	Granted	8374904	2010-11-15	2013-02-12	12946367	United States of America	Market Forecasting
82263959	Granted	8340429	2010-11-24	2012-12-25	12953460	United States of America	SEARCHING DOCUMENT IMAGES
82948542	Published		2010-12-13		12966382	United States of America	TECHNIQUES FOR CONSTRUCTING AND EDITING A SEARCH QUERY USING AN OVERLOAD CELL
90146612	Granted	8855296	2010-12-13	2014-10-07	12967008	United States of America	DATA PROCESSING SYSTEMS WITH FORMAT-PRESERVING ENCRYPTION AND DECRYPTION ENGINES
82264310	Granted	8549482	2010-12-15	2013-10-01	12969378	United States of America	DISPLAYING SUBTITLES
82275530	Granted	8631017	2010-12-16	2014-01-14	12970262	United States of America	Collaborative Filtering With Hashing
82264334	Granted	9043440	2010-12-16	2015-05-26	12970764	United States of America	AUTOMATIC WSDL DOWNLOAD OF CLIENT EMULATION FOR A TESTING TOOL
82275668	Granted	9009719	2010-12-16	2015-04-14	12970824	United States of America	COMPUTER WORKLOAD CAPACITY ESTIMATION USING PROXIMITY TABLES (as amended)
82393855	Granted	8892505	2010-12-29	2014-11-18	12980348	United States of America	METHOD FOR SCHEDULING A TASK IN A DATA WAREHOUSE
82578996	Granted	8533775	2008-06-13	2013-09-10	12997605	United States of America	Hierarchical Policy Management

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82264316	Granted	10114621	2011-01-11	2018-10-30	13004743	United States of America	METHODS AND APPARATUS TO GENERATE A WIZARD APPLICATION
82275632	Granted	8819631	2011-01-13	2014-08-26	13006204	United States of America	SYSTEM AND METHOD FOR SELF DEPENDENT WEB AUTOMATION
82265291	Granted	9594573	2011-01-14	2017-03-14	13007487	United States of America	SYSTEMS AND METHODS OF BLOCK COMPUTATION
82264076	Granted	8769505	2011-01-24	2014-07-01	13012457	United States of America	EVENT INFORMATION RELATED TO SERVER REQUEST PROCESSING
82275617	Granted	8886795	2011-01-27	2014-11-11	13015300	United States of America	METHOD AND SYSTEM FOR DETERMINING RESPONSE TIME OF A SERVER
82275635	Granted	9444701	2011-01-27	2016-09-13	13015356	United States of America	IDENTIFYING REMOTE MACHINE OPERATING SYSTEM
82581595	Granted	8677324	2011-01-31	2014-03-18	13017522	United States of America	EVALUATING PERFORMANCE OF AN APPLICATION USING EVENT-DRIVEN TRANSACTIONS
82264262	Granted	8627311	2011-02-01	2014-01-07	13019052	United States of America	SYSTEMS, METHODS, AND APPARATUS TO DEPLOY SOFTWARE
82264367	Granted	9401807	2011-02-03	2016-07-26	13020547	United States of America	PROCESSING NON-EDITABLE FIELDS IN WEB PAGES
82640047	Granted	8505009	2011-02-04	2013-08-06	13020813	United States of America	MANAGING EXCLUSIVE ACCESS TO SYSTEM RESOURCES
82598867	Granted	8429117	2011-02-14	2013-04-23	13026315	United States of America	Model Driven Data Loader Framework For An Enterprise Class Data Warehouse
82580985	Granted	9749211	2011-02-15	2017-08-29	13027288	United States of America	DETECTING NETWORK-APPLICATION SERVICE FAILURES
82644413	Granted	8560679	2011-02-18	2013-10-15	13031079	United States of America	Method And Apparatus For Exercising And Debugging Correlations For Network System
82275710	Granted	8626690	2011-02-23	2014-01-07	13033443	United States of America	Pattern Recognition
84195189	Granted	8301889	2011-03-03	2012-10-30	13040050	United States of America	SECURE MESSAGING SYSTEMS
82580919	Granted	8893074	2011-03-11	2014-11-18	13045766	United States of America	SOFTWARE DEVELOPMENT REQUIREMENTS RECORDING

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82580998	Granted	88881110	2011-03-14	2014-11-04	13047209	United States of America	ROLE-BASED AUTOMATION SCRIPTS
82687401	Granted	8819636	2011-03-24	2014-08-26	13070499	United States of America	Testing Compatibility Of A Computer Application
82581543	Granted	8713088	2011-03-27	2014-04-29	13072724	United States of America	IDENTIFYING USERS OF REMOTE SESSIONS
82581280	Granted	9077627	2011-03-28	2015-07-07	13073715	United States of America	REDUCING IMPACT OF RESOURCE DOWNTIME
82581555	Granted	9519476	2011-03-29	2016-12-13	13074720	United States of America	METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO AUTOCOMPLETE APPLICATION LIFECYCLE MANAGEMENT ENTITIES
82948548	Granted	8590025	2011-05-17	2013-11-19	13109064	United States of America	TECHNIQUES FOR ACCESSING A BACKUP SYSTEM
82948554	Granted	8788601	2011-05-26	2014-07-22	13116330	United States of America	RAPID NOTIFICATION SYSTEM
82948545	Granted	8688695	2011-05-26	2014-04-01	13116763	United States of America	COMPUTERIZED SEARCHABLE DOCUMENT REPOSITORY USING SEPARATE METADATA AND CONTENT STORES AND FULL TEXT INDEXES
82676586	Granted	8620908	2008-10-15	2013-12-31	13123686	United States of America	Retrieving Configuration Records From A Configuration Management Database
82676607	Granted	8635498	2008-10-16	2014-01-21	13123702	United States of America	PERFORMANCE ANALYSIS OF APPLICATIONS
82581660	Granted	8504585	2011-05-31	2013-08-06	13149869	United States of America	MATCHING A USER TO A CONVERSATION
84195262	Granted	10318932	2011-06-07	2019-06-11	13155156	United States of America	PAYMENT CARD PROCESSING SYSTEM WITH STRUCTURE PRESERVING ENCRYPTION
82836864	Granted	10380269	2011-06-07	2019-08-13	13155232	United States of America	SIDEWAYS INFORMATION PASSING
82275863	Granted	8595151	2011-06-08	2013-11-26	13155570	United States of America	Selecting Sentiment Attributes for Visualization
82662336	Granted	9123003	2011-06-15	2015-09-01	13161381	United States of America	TOPOLOGIES CORRESPONDING TO MODELS FOR HIERARCHY OF NODES

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82663233	Granted	9606897	2011-06-16	2017-03-28	13162063	United States of America	PARSING AN IMAGE OF A VISUALLY STRUCTURED DOCUMENT
82653969	Granted	9015337	2011-07-13	2015-04-21	13182089	United States of America	SYSTEMS, METHODS, AND APPARATUS FOR STREAM CLIENT EMULATORS
82749033	Granted	8745600	2011-07-21	2014-06-03	13187898	United States of America	INSERTING TEST SCRIPTS
82809638	Granted	9276820	2011-07-27	2016-03-01	13192382	United States of America	OBTAINING AND DISPLAYING NETWORK TOPOLOGY INFORMATION
82817345	Granted	8275669	2011-08-04	2012-09-25	13197993	United States of America	AUCTION METHOD AND APPARATUS
82663247	Allowed		2011-08-05		13198893	United States of America	SYSTEM AND METHOD FOR MANAGING ENVIRONMENT CONFIGURATION USING SNAPSHOTS
82663575	Granted	8935676	2011-08-07	2015-01-13	13204691	United States of America	AUTOMATED TEST FAILURE TROUBLESHOOTER
82581324	Granted	8884966	2011-08-24	2014-11-11	13216477	United States of America	VISUALIZING A SCATTER PLOT USING REAL-TIME BACKWARD REWRITE
82820538	Granted	8650637	2011-08-24	2014-02-11	13217010	United States of America	NETWORK SECURITY RISK ASSESSMENT
82749072	Granted	9405664	2011-08-31	2016-08-02	13222182	United States of America	Automating Software Testing
82799838	Granted	9646054	2011-09-21	2017-05-09	13238430	United States of America	MATCHING OF CASES BASED ON ATTRIBUTES INCLUDING AN ATTRIBUTE RELATING TO FLOW OF ACTIVITIES
82775144	Granted	8880493	2011-09-28	2014-11-04	13246947	United States of America	Multi-streams analytics
82842034	Granted	8739280	2011-09-29	2014-05-27	13248948	United States of America	CONTEXT-SENSITIVE TAINT ANALYSIS
82842024	Granted	9053319	2011-09-29	2015-06-09	13248981	United States of America	CONTEXT-SENSITIVE TAINT PROCESSING FOR APPLICATION SECURITY
82852316	Granted	8595168	2009-07-28	2013-11-26	13258710	United States of America	INSTANTIATING AN INFORMATION TECHNOLOGY SERVICE IN LIGHT OF MAINTENANCE REQUIREMENTS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82853266	Granted	9652477	2009-10-31	2017-05-16	13259216	United States of America	DETERMINING PROBABILITY THAT AN OBJECT BELONGS TO A TOPIC USING SAMPLE ITEMS SELECTED FROM OBJECT AND PROBABILITY DISTRIBUTION PROFILE OF THE TOPIC
82852890	Granted	8763005	2009-07-24	2014-06-24	13259590	United States of America	Virtual-machine-based Application-service Provision Of Front-End Versions Of Back-End Applications (as amended)
82251437	Granted	9183004	2009-06-05	2015-11-10	13260291	United States of America	SYSTEM AND METHOD FOR REPRESENTING USER INTERACTION WITH A WEB SERVICE
82853812	Published		2010-09-14		13260293	United States of America	Automatic Selection Of Agent-based Or Agentless Monitoring
82775164	Granted	8966605	2011-10-07	2014-11-25	13268050	United States of America	PROVIDING AN ELLIPSOID HAVING A CHARACTERISTIC BASED ON LOCAL CORRELATION OF ATTRIBUTES
82819631	Granted	8719201	2011-10-07	2014-05-06	13269470	United States of America	Making a Recommendation to a User That is Currently Generating Events Based on a Subset of Historical Event Data
82775148	Granted	9361342	2011-10-10	2016-06-07	13269627	United States of America	A Query to Streaming Data
82663349	Granted	8862945	2011-10-10	2014-10-14	13269749	United States of America	SYSTEM AND METHOD FOR MEASURING THE EFFECT OF INTERRUPTIONS ON SOFTWARE APPLICATION USABILITY
82663153	Granted	10154076	2011-10-11	2018-12-11	13270512	United States of America	IDENTIFYING USERS THROUGH A PROXY
82833735	Granted	8886679	2011-10-11	2014-11-11	13271036	United States of America	Mining Web Applications
82775152	Granted	9773327	2011-10-15	2017-09-26	13274314	United States of America	MODIFIED FLOW GRAPH DEPICTION
82775180	Granted	9466041	2011-10-15	2016-10-11	13274316	United States of America	USER SELECTED FLOW GRAPH MODIFICATION
82841900	Published		2011-10-17		13274918	United States of America	DISCOVERING REPRESENTATIVE COMPOSITE CI PATTERNS IN AN IT SYSTEM

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82775168	Granted	9355357	2011-10-21	2016-05-31	13278572	United States of America	Computing Predicted Data According to Weighted Peak Preservation and Time Distance Biasing
82843020	Granted	8739026	2011-10-23	2014-05-27	13279283	United States of America	MARKUP LANGUAGE SCHEMA ERROR CORRECTION
82581579	Granted	8762502	2011-10-25	2014-06-24	13281038	United States of America	INSTALLATION OF SERVER-STORED DISK IMAGE ON CLIENT
82775188	Granted	8972308	2011-10-31	2015-03-03	13284990	United States of America	DETERMINING AN EXECUTION ORDERING
82775160	Granted	9305058	2011-10-31	2016-04-05	13285785	United States of America	Combining multivariate time-series prediction with motif discovery
82816048	Granted	9141914	2011-10-31	2015-09-22	13286150	United States of America	SYSTEM AND METHOD FOR RANKING ANOMALIES
84280537	Granted	9355389	2011-11-17	2016-05-31	13298708	United States of America	PURCHASE TRANSACTION SYSTEM WITH ENCRYPTED PAYMENT CARD DATA
82850170	Granted	8782364	2011-12-13	2014-07-15	13324830	United States of America	DETERMINING AVAILABILITY OF DATA ELEMENTS IN A STORAGE SYSTEM
82848374	Granted	8755612	2011-12-15	2014-06-17	13327393	United States of America	IDENTIFYING TRUNCATED CHARACTER STRINGS
82850249	Published		2011-12-20		13331815	United States of America	APPLICATION SECURITY TESTING
82848441	Granted	8683323	2012-01-09	2014-03-25	13346390	United States of America	EVALUATION OF DIFFERENCES BETWEEN XML SCHEMAS
82892257	Published		2012-01-25		13357850	United States of America	DETERMINING WHETHER TO LAUNCH A PARTICULAR OFFERING
82948664	Granted	8576342	2012-01-30	2013-11-05	13361903	United States of America	SYSTEM AND METHOD FOR DETECTING SCENE CHANGES IN A DIGITAL VIDEO STREAM
82850417	Granted	8844015	2012-01-31	2014-09-23	13362290	United States of America	APPLICATION-ACCESS AUTHENTICATION AGENT
82850202	Granted	8638981	2012-02-01	2014-01-28	13363597	United States of America	PLACING TEMPORALLY ALIGNED AND VARIABLY SIZED PIXELS IN DISCRETE RINGS IN A GRAPHICAL VISUALIZATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82850166	Granted	102291147	2012-02-09	2019-03-12	13369990	United States of America	ASSESSING COMPRESSED-DATABASE RAW SIZE
82821369	Granted	9460225	2009-06-01	2016-10-04	13375125	United States of America	System And Method For Collecting Application Performance Data
82852868	Granted	8959205	2009-07-31	2015-02-17	13384671	United States of America	Method And System To Recognize And Inventory Applications
82852880	Granted	9774675	2009-10-26	2017-09-26	13384739	United States of America	Automatic Redundant Logical Connections
84280558	Granted	9773243	2012-02-15	2017-09-26	13397639	United States of America	SYSTEM FOR STRUCTURED ENCRYPTION OF PAYMENT CARD TRACK DATA WITH ADDITIONAL SECURITY DATA
82844173	Granted	8977904	2012-02-17	2015-03-10	13398888	United States of America	GENERATING A REPLAYABLE TESTING SCRIPT FOR ITERATIVE USE IN AUTOMATED TESTING UTILITY
82850178	Granted	9064245	2012-02-22	2015-06-23	13402229	United States of America	GENERATING A CALENDAR GRAPHICAL VISUALIZATION INCLUDING PIXELS REPRESENTING DATA RECORDS CONTAINING USER FEEDBACK
82900177	Granted	8966635	2012-02-24	2015-02-24	13404572	United States of America	SOFTWARE MODULE OBJECT ANALYSIS
82900193	Granted	8688728	2012-02-27	2014-04-01	13406090	United States of America	SYSTEM AND METHOD OF SEARCHING A CORPUS
82965464	Granted	9002847	2012-02-29	2015-03-07	13408203	United States of America	IDENTIFYING AN AUTO-COMPLETE COMMUNICATION PATTERN
82914270	Granted	90375551	2012-03-07	2015-05-19	13413818	United States of America	REDUNDANT ATTRIBUTE VALUES
82929199	Granted	9836513	2012-03-12	2017-12-05	13418055	United States of America	Page-Feed – A New Paradigm of Query Engines Collaboration
82850163	Granted	9116947	2012-03-15	2015-08-25	13421761	United States of America	Data-Record Pattern Searching
82929153	Granted	9785631	2012-03-16	2017-10-10	13422139	United States of America	An algorithms for extracting acronym-definition pairs with high recall rate using relevance feedback
82900690	Granted	9304984	2012-03-26	2016-04-05	13429741	United States of America	INTENTION STATEMENT VISUALIZATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
82929174	Granted	9087143	2012-03-30	2015-07-21	13435597	United States of America	OVERLAYING TRANSPARENCY IMAGES INCLUDING PIXELS CORRESPONDING TO DIFFERENT HEIRARCHICAL LEVELS OVER A GEOGRAPHIC MAP
82962722	Granted	8745010	2012-04-12	2014-06-03	13445725	United States of America	DATA STORAGE AND ARCHIVING SPANNING MULTIPLE DATA STORAGE SYSTEMS
82964555	Granted	9660924	2012-04-16	2017-05-23	13447510	United States of America	DETERMINING A MAXIMAL SIZE OF PACKETS
82964560	Granted	8924797	2012-04-16	2014-12-30	13447512	United States of America	IDENTIFYING A DIMENSION ASSOCIATED WITH AN ABNORMAL CONDITION
82963520	Granted	8930773	2012-04-16	2015-01-06	13447711	United States of America	DETERMINING ROOT CAUSE
82964570	Granted	9922133	2012-04-16	2018-03-20	13448173	United States of America	LIVE TOPOLOGICAL QUERY
82963037	Granted	8595799	2012-04-18	2013-11-26	13449908	United States of America	ACCESS AUTHORIZATION
82963823	Granted	8874736	2012-04-23	2014-10-28	13453034	United States of America	EVENT EXTRACTOR
82963508	Granted	9230262	2012-04-26	2016-01-05	13456297	United States of America	SMOOTHED VISUALIZATION HAVING RINGS CONTAINING PIXELS REPRESENTING UNEVENLY SPACED DATA
82963101	Granted	9262472	2012-04-26	2016-02-16	13456384	United States of America	Concatenation for Relations
82961892	Granted	8806464	2012-04-26	2014-08-12	13456385	United States of America	PROCESS FLOW OPTIMIZED DIRECTED GRAPH TRAVERSAL
82963813	Granted	9697107	2012-04-26	2017-07-04	13457195	United States of America	Testing Applications
82963111	Granted	10346375	2012-04-26	2019-07-09	13457444	United States of America	IN-DATABASE PARALLEL ANALYTICS
82940503	Granted	9143562	2012-04-27	2015-09-22	13458885	United States of America	MANAGING TRANSFER OF DATA FROM A SOURCE TO A DESTINATION MACHINE CLUSTER

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83037627	Granted	9727350	2012-07-26	2017-08-08	13559255	United States of America	LOCALIZING COMPUTER PROGRAM CODE
83035764	Granted	8938384	2012-07-16	2015-01-20	13550346	United States of America	LANGUAGE IDENTIFICATION FOR DOCUMENTS CONTAINING MULTIPLE LANGUAGES
83014347	Granted	9141341	2012-07-16	2015-09-22	13550310	United States of America	INVERSION OF CONTROL FOR EXECUTABLE EXTENSIONS IN A RUN-TIME ENVIRONMENT
82929190	Granted	9081854	2012-07-06	2015-07-14	13543783	United States of America	MULTILABEL CLASSIFICATION BY A HIERARCHY
82976942	Granted	9734214	2012-06-28	2017-08-15	13535913	United States of America	Metadata-based Test Data Generation
83019400	Granted	8312027	2012-06-05	2012-11-13	13489094	United States of America	MODULAR QUERY OPTIMIZER
82964819	Granted	8850407	2012-05-23	2014-09-30	13478875	United States of America	TEST SCRIPT GENERATION
84280470	Granted	8756289	2012-05-21	2014-06-17	13476792	United States of America	MESSAGE AUTHENTICATION USING SIGNATURES
82850138	Published		2012-05-14		13470762	United States of America	SWITCHING ALGORITHMS DURING A RUN TIME COMPUTATION
82850142	Granted	9934280	2012-05-11	2018-04-03	13469641	United States of America	JOIN ORDER RESTRICTIONS
82963382	Granted	8706203	2012-04-30	2014-04-22	13459952	United States of America	CLASSIFICATION OF A SIGNAL IN A TIME DOMAIN
82850160	Granted	8805811	2012-04-30	2014-08-12	13459760	United States of America	EXECUTING USER-DEFINED FUNCTION ON A PLURALITY OF DATABASE TUPLES
82850153	Granted	10169381	2012-04-30	2019-01-01	13459722	United States of America	DATABASE RECOVERY BY CONTAINER
82962934	Granted	8856168	2012-04-30	2014-10-07	13459307	United States of America	CONTEXTUAL APPLICATION RECOMMENDATIONS
82899677	Granted	9087052	2012-04-30	2015-07-21	13459256	United States of America	BATCH DBMS STATEMENT PROCESSING SUCH THAT INTERMEDIATE FEEDBACK IS PROVIDED PRIOR TO COMPLETION OF PROCESSING

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83014334	Granted	9158651	2012-07-27	2015-10-13	13560401	United States of America	MONITORING THREAD STARVATION USING STACK TRACE SAMPLING AND BASED ON A TOTAL ELAPSED TIME
83037480	Granted	9229898	2012-07-30	2016-01-05	13561592	United States of America	CAUSATION ISOLATION USING A CONFIGURATION ITEM METRIC IDENTIFIED BASED ON EVENT CLASSIFICATION
82929162	Granted	9037518	2012-07-30	2015-04-19	13562058	United States of America	Classifying Unclassified Samples
83037576	Granted	9020271	2012-07-31	2015-04-28	13562524	United States of America	Adaptive hierarchical reclustering algorithm that yields higher quality clusters and simultaneously prunes corpora
83013819	Granted	8971665	2012-07-31	2015-02-03	13562598	United States of America	Hierarchical cluster determination based on subgraph density
83012895	Granted	8793251	2012-07-31	2014-07-29	13562728	United States of America	INPUT PARTITIONING AND MINIMIZATION FOR AUTOMATON IMPLEMENTATIONS OF CAPTURING GROUP REGULAR EXPRESSIONS
83037555	Granted	8930964	2012-07-31	2015-01-06	13562942	United States of America	AUTOMATIC EVENT CORRELATION IN COMPUTING ENVIRONMENTS
83014264	Granted	8677121	2012-07-31	2014-02-18	13563175	United States of America	MONITORING ENCRYPTED SESSION PROPERTIES
82976953	Granted	9026853	2012-07-31	2015-05-05	13563635	United States of America	ENHANCING TEST SCRIPTS
83013810	Granted	8972242	2012-07-31	2015-03-03	13563647	United States of America	VISUAL ANALYSIS OF PHRASE EXTRACTION FROM A CONTENT STREAM
83014412	Granted	8924316	2012-07-31	2014-12-30	13563690	United States of America	MULTICLASS CLASSIFICATION OF POINTS
83012811	Granted	9178771	2012-08-23	2015-11-03	13592858	United States of America	DETERMINING THE TYPE OF A NETWORK TIER
83012824	Granted	9483576	2012-08-29	2016-11-01	13597638	United States of America	OFFLINE APPLICATION SUPPORT
82964964	Granted	9658939	2012-08-29	2017-05-23	13597689	United States of America	IDENTIFYING A DEFECT DENSITY

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83101843	Granted	9124621	2012-09-27	2015-09-01	13629222	United States of America	SECURITY ALERT PRIORITIZATION
83098499	Granted	9411803	2012-09-28	2016-08-09	13629885	United States of America	RESPONDING TO NATURAL LANGUAGE QUERIES
83114199	Granted	8620911	2010-04-29	2013-12-31	13634764	United States of America	DOCUMENT REGISTRY SYSTEM
83108482	Granted	8938437	2010-04-09	2015-01-20	13636412	United States of America	Method And System For Comparing And Locating Projects
83108515	Granted	9104812	2010-04-10	2015-08-11	13637848	United States of America	INJECTION OF DATA INTO A SOFTWARE APPLICATION
83099990	Granted	9118704	2012-10-24	2015-08-25	13659677	United States of America	HOMOGLYPH MONITORING
83097889	Granted	9477780	2012-10-25	2016-10-25	13660422	United States of America	TARGET TREE GENERATION
83097872	Granted	9317518	2012-10-25	2016-04-19	13660643	United States of America	DATA SYNCHRONIZATION
83098005	Granted	9071510	2012-10-25	2015-06-30	13660878	United States of America	DETERMINING ROOT CAUSES OF NETWORK ISSUES
83098597	Granted	9495281	2012-11-21	2016-11-15	13683064	United States of America	USER INTERFACE COVERAGE
83108377	Granted	9355170	2012-11-27	2016-05-31	13686297	United States of America	CAUSAL TOPIC MINER
83106310	Granted	9465826	2012-11-27	2016-10-11	13686490	United States of America	Estimating Unique Entry Counts Using a Counting Bloom Filter
83019145	Granted	9262492	2012-11-30	2016-02-16	13690086	United States of America	DIVIDING AND COMBINING OPERATIONS
83118661	Granted	8676844	2010-05-26	2014-03-18	13696398	United States of America	GRAPH AUTHORIZATION
83136083	Granted	9727322	2010-06-01	2017-08-08	13698431	United States of America	Methods, Apparatus, And Articles Of Manufacture To Deploy Software Applications
83131974	Granted	9069954	2011-05-20	2015-06-30	13699030	United States of America	SECURITY THREAT DETECTION ASSOCIATED WITH SECURITY EVENTS AND AN ACTOR CATEGORY MODEL
83131990	Granted	9009139	2011-06-10	2015-04-14	13699953	United States of America	QUERY PIPELINE

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83138146	Granted	9087089	2010-06-09	2015-07-21	13700620	United States of America	DETERMINING SIMILARITY SCORES OF ANOMALIES
83141960	Granted	9009729	2010-06-30	2015-04-14	13703187	United States of America	Tracking A Server Request
83138568	Granted	9356951	2010-07-09	2016-05-31	13704026	United States of America	RESPONSES TO SERVER CHALLENGES INCLUDED IN A HYPERTEXT TRANSFER PROTOCOL HEADER
83098610	Granted	9400682	2012-12-06	2016-07-26	13706847	United States of America	RANKING AND SCHEDULING OF MONITORING TASKS
83106321	Granted	9165258	2012-12-10	2015-10-20	13709773	United States of America	GENERATING TRAINING DOCUMENTS
83108381	Granted	9361401	2012-12-14	2016-06-07	13714702	United States of America	RELEVANCE MAP LINKING
83108361	Granted	9280612	2012-12-14	2016-03-08	13714871	United States of America	VISUALIZING A RELATIONSHIP OF ATTRIBUTES USING A RELEVANCE DETERMINATION PROCESS TO SELECT FROM CANDIDATE ATTRIBUTE VALUES
83096204	Granted	9106681	2012-12-17	2015-08-11	13716781	United States of America	Reputation of Network Address
83098521	Published		2012-12-19		13719284	United States of America	TRIGGERING A HIGH AVAILABILITY FEATURE IN RESPONSE TO DETECTING IMPAIRMENT OF CLIENT EXPERIENCE
83108887	Granted	8983933	2012-12-21	2015-03-17	13723895	United States of America	COSTS OF OPERATIONS ACROSS COMPUTING SYSTEMS
83106326	Granted	9002102	2012-12-21	2015-04-07	13725487	United States of America	Generating Training Documents
83098555	Granted	9235556	2012-12-26	2016-01-12	13726690	United States of America	AN ADAPTIVE BASELINE BASED ON METRIC VALUES
83108365	Granted	9779524	2013-01-21	2017-10-03	13745985	United States of America	VISUALIZATION THAT INDICATES EVENT SIGNIFICANCE REPRESENTED BY A DISCRIMINATIVE METRIC COMPUTED USING A CONTINGENCY CALCULATION
83138489	Granted	9866466	2013-01-21	2018-01-09	13746025	United States of America	SIMULATING REAL USER ISSUES IN SUPPORT ENVIRONMENTS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83139256	Granted	9170993	2013-01-29	2015-10-27	13753022	United States of America	IDENTIFYING TASKS AND COMMITMENTS USING NATURAL LANGUAGE PROCESSING AND MACHINE LEARNING (as amended)
83108891	Granted	9304829	2013-01-30	2016-04-05	13753686	United States of America	DETERMINING AND RANKING DISTRIBUTIONS OF OPERATIONS ACROSS EXECUTION ENVIRONMENTS
83139261	Granted	9164857	2013-01-30	2015-10-20	13754241	United States of America	SCALABLE STRUCTURED DATA STORE OPERATIONS
83138345	Granted	9143517	2013-01-31	2015-09-22	13754951	United States of America	THREAT EXCHANGE INFORMATION PROTECTION
83138425	Granted	9275348	2013-01-31	2016-03-01	13754974	United States of America	IDENTIFYING PARTICIPANTS FOR COLLABORATION IN A THREAT EXCHANGE COMMUNITY
83138411	Granted	9456001	2013-01-31	2016-09-27	13755007	United States of America	ATTACK NOTIFICATION
83138407	Granted	9729505	2013-01-31	2017-08-08	13755195	United States of America	SECURITY THREAT ANALYSIS
83100756	Granted	9002818	2013-01-31	2015-04-07	13755492	United States of America	CALCULATING A CONTENT SUBSET
83139239	Granted	8914416	2013-01-31	2014-12-16	13755556	United States of America	SEMANTICS GRAPHS FOR ENTERPRISE COMMUNICATION NETWORKS
83108369	Granted	9152679	2013-01-31	2015-10-06	13755814	United States of America	DISPLAYING RECOMMENDED ENTITIES IN A RELEVANCE MAP
83138802	Granted	9003537	2013-01-31	2015-04-07	13755831	United States of America	CVSS Information Update by Analyzing Vulnerability Information
83138881	Granted	9704136	2013-01-31	2017-07-11	13755836	United States of America	IDENTIFYING SUBSETS OF SIGNIFIERS TO ANALYZE
83148959	Granted	8893283	2013-01-31	2014-11-18	13755876	United States of America	Performing an Automated Compliance Audit by Vulnerabilities
83138908	Granted	9355166	2013-01-31	2016-05-31	13756221	United States of America	CLUSTERING SIGNIFIERS IN A SEMANTICS GRAPH
83200274	Allowed		2013-02-28		13779826	United States of America	OPTIMIZING AND MANAGING EXECUTION OF HYBRID FLOWS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83138769	Granted	9953169	2013-02-28	2018-04-24	13780662	United States of America	MODIFY EXECUTION OF APPLICATION UNDER TEST SO USER IS POWER USER
83098567	Granted	9665636	2013-02-28	2017-05-30	13780751	United States of America	DATA PARTIONING BASED ON END USER BEHAVIOR
83098638	Granted	9819569	2013-02-28	2017-11-14	13781241	United States of America	TRANSPORT SCRIPT GENERATION BASED ON A USER INTERFACE SCRIPT
83174548	Granted	8781817	2013-03-04	2014-07-15	13784187	United States of America	PHRASE-BASED DOCUMENT CLUSTERING WITH AUTOMATIC PHRASE EXTRACTION
83184701	Granted	9015474	2010-07-30	2015-04-21	13812590	United States of America	SYSTEMS AND METHODS FOR CREDENTIALING
83185162	Granted	9990100	2010-08-17	2018-06-05	13812600	United States of America	PROVIDING AUTOMATION CODE CONTAINING A REPRESENTATION OF ALTERNATIVE INTERPRETATIONS OF A USER ACTION
83185171	Granted	9127284	2010-08-26	2015-09-01	13812613	United States of America	ISOLATION OF PROBLEMS IN A VIRTUAL ENVIRONMENT
83184710	Published		2010-08-06		13812949	United States of America	SYSTEM AND METHODS FOR APPORTIONING POWER CONSUMPTION
83196416	Granted	9350623	2010-09-07	2016-05-24	13818109	United States of America	SYSTEM AND METHOD FOR AUTOMATED DEPLOYMENT OF MULTI-COMPONENT COMPUTER ENVIRONMENT
83210560	Published		2010-10-29		13821208	United States of America	Software Application Recognition
83209080	Granted	8856889	2010-10-19	2014-10-07	13821438	United States of America	METHODS AND SYSTEMS FOR GENERATION OF AUTHORIZED VIRTUAL APPLIANCES
83214673	Granted	9684781	2010-11-12	2017-06-20	13824517	United States of America	DETERMINE AUTHORIZATION OF A SOFTWARE PRODUCT BASED ON A FIRST AND SECOND AUTHORIZATION ITEM
83204688	Granted	9824122	2013-03-15	2017-11-21	13832644	United States of America	REQUESTS FOR SOURCE CODE TEXT
83209816	Granted	9256970	2013-03-15	2016-02-09	13841514	United States of America	Visual Analytics of Multivariate Session Data Using Concentric Rings with Overlapping Periods

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83204419	Granted	9092696	2013-03-26	2015-07-28	13850413	United States of America	Image Sign Classifier
83209805	Granted	9280536	2013-03-28	2016-03-08	13852882	United States of America	SYNONYM DETERMINATION AMONG N-GRAMS
83204627	Granted	9727641	2013-04-25	2017-08-08	13870267	United States of America	GENERATING A SUMMARY BASED ON READABILITY
83209716	Granted	9224223	2013-04-26	2015-12-29	13871924	United States of America	Visual Analytics Using Multivariate Concentric Rings with a Visual Start Time Mechanism
83209749	Published		2013-04-30		13873587	United States of America	SUPPORT VECTOR MACHINE
83209641	Granted	9195535	2013-04-30	2015-11-24	13873680	United States of America	HOTSPOT IDENTIFICATION
83205172	Granted	9098634	2013-05-13	2015-08-04	13892819	United States of America	CREATING TEST TEMPLATES BASED ON STEPS IN EXISTING TESTS
83209871	Granted	10102039	2013-05-17	2018-10-16	13896795	United States of America	CONVERTING A HYBRID FLOW
83199541	Granted	9568502	2013-06-06	2017-02-14	13912090	United States of America	VISUAL ANALYTICS OF SPATIAL TIME SERIES DATA USING A PIXEL CALENDAR TREE
83271740	Granted	9342301	2013-06-20	2016-05-17	13922554	United States of America	CONVERTING AND INPUT SCRIPT TO A NATURAL LANGUAGE DESCRIPTION (as amended)
83272380	Granted	9183403	2013-06-28	2015-11-10	13931042	United States of America	KEY RETRIEVAL
83204680	Granted	9230015	2013-07-02	2016-01-05	13933657	United States of America	DERIVING AN INTERESTINGNESS MEASURE FOR A CLUSTER
83566678	Granted	10303567	2013-08-15	2019-05-28	13968278	United States of America	MANAGING DATABASE NODES
83498533	Granted	10255152	2011-02-18	2019-04-09	13982706	United States of America	GENERATING TEST DATA
83553808	Granted	9356849	2011-02-16	2016-05-31	13985110	United States of America	POPULATION CATEGORY HIERARCHIES
83543188	Granted	9208045	2011-03-03	2015-12-08	14001710	United States of America	TESTING INTEGRATED BUSINESS SYSTEMS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83543319	Granted	9104810	2011-03-08	2015-08-11	14001723	United States of America	CREATING A TEST CASE
83584531	Granted	9588879	2011-03-15	2017-03-07	14001861	United States of America	USABILITY TESTING
83617593	Granted	9438476	2011-03-17	2016-09-06	14002274	United States of America	SELF-ORGANIZATION OF A SATELLITE GRID
83663174	Granted	9213463	2011-04-07	2015-12-15	14004512	United States of America	GRAPHICAL OBJECT CLASSIFICATION
83691270	Granted	9612892	2011-04-04	2017-04-04	14008940	United States of America	CREATING A CORRELATION RULE DEFINING A RELATIONSHIP BETWEEN EVENT TYPES
83681495	Granted	10088969	2011-05-06	2018-10-02	14009580	United States of America	IMAGE-BASED AUTOMATION SYSTEMS AND METHODS
83680346	Granted	9171168	2013-09-30	2015-10-27	14041365	United States of America	DETERMINE ANOMALIES IN WEB APPLICATION CODE BASED ON AUTHORIZATION CHECKS
90146615	Published		2013-10-22		14060186	United States of America	SYSTEM FOR PROTECTING SENSITIVE DATA WITH DISTRIBUTED TOKENIZATION
90146621	Published		2013-10-22		14060518	United States of America	PURCHASE TRANSACTION SYSTEM WITH ENCRYPTED PAYMENT CARD DATA
83768667	Granted	9753743	2013-12-05	2017-09-05	14098188	United States of America	IDENTIFYING A COMMON ACTION FLOW
83682166	Granted	9355148	2011-04-29	2016-05-31	14110333	United States of America	SYSTEMS AND METHODS FOR IN-MEMORY PROCESSING OF EVENTS
83701566	Granted	9223647	2011-05-03	2015-12-29	14114145	United States of America	AUTOMATIC CLASSIFICATION ADJUSTMENT OF RECORDED ACTIONS FOR AUTOMATION SCRIPT
83721337	Granted	9276952	2011-05-31	2016-03-01	14115648	United States of America	AUTOMATED SECURITY TESTING
83714223	Granted	9215247	2011-05-31	2015-12-15	14116000	United States of America	APPLICATION SECURITY TESTING
83769101	Granted	9407514	2011-07-11	2016-08-02	14131446	United States of America	VIRTUAL MACHINE PLACEMENT

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83738422	Granted	9571508	2011-07-29	2017-02-14	14131805	United States of America	SYSTEMS AND METHODS FOR DISTRIBUTED RULE-BASED CORRELATION OF EVENTS
83748040	Published	nnnnnnn	2014-01-31		14170404	United States of America	CLOUD IMPLEMENTATION ORCHESTRATION
90146624	Granted	9811831	2014-02-21	2017-11-07	14186410	United States of America	SYSTEM FOR STRUCTURED ENCRYPTION OF PAYMENT CARD TRACK DATA
83776696	Granted	9262991	2014-02-24	2016-02-16	14188099	United States of America	DISPLAYING VISUAL ANALYTICS OF ENTITY DATA
83818059	Granted	9269172	2014-02-26	2016-02-23	14191420	United States of America	PIXEL-BASED VISUALIZATIONS OF TIME SERIES DATA USING HELICES
83787666	Granted	9569471	2012-08-01	2017-02-14	14233178	United States of America	ASSET MODEL IMPORT CONNECTOR
83799689	Granted	9274877	2011-07-31	2016-03-01	14235393	United States of America	INCIDENT HANDLING
83789823	Published		2012-08-24		14237192	United States of America	MULTIDIMENSION CLUSTERS FOR DATA PARTITIONING
83784127	Granted	9646155	2011-10-20	2017-05-09	14239885	United States of America	SYSTEMS AND METHODS FOR EVALUATION OF EVENTS BASED ON A REFERENCE BASELINE ACCORDING TO TEMPORAL POSITION IN A SEQUENCE OF EVENTS
83832716	Granted	9645987	2011-12-02	2017-05-09	14241483	United States of America	TOPIC EXTRACTION AND VIDEO ASSOCIATION
83781692	Granted	9141654	2014-04-03	2015-09-22	14244649	United States of America	EXECUTING USER-DEFINED FUNCTION ON A PLURALITY OF DATABASE TUPLES
83822656	Application		2014-04-30		14266135	United States of America	ACTIONS FOR AN INFORMATION TECHNOLOGY CASE
83822529	Granted	9727666	2014-04-30	2017-08-08	14266238	United States of America	DATA STORE QUERY
83822590	Granted	9727663	2014-04-30	2017-08-08	14266336	United States of America	DATA STORE QUERY PREDICTION
83825681	Granted	9832067	2014-04-30	2017-11-28	14266471	United States of America	NETWORK TOOL SYNCHRONIZATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83825696	Published		2014-04-30		14266531	United States of America	DATA RECONSTRUCTION
83816166	Granted	9292408	2011-09-21	2016-03-22	14342664	United States of America	AUTOMATED DETECTION OF A SYSTEM ANOMALY
83816837	Granted	9990420	2011-11-02	2018-06-05	14342734	United States of America	METHOD OF SEARCHING AND GENERATING A RELEVANT SEARCH STRING
83854671	Granted	9288175	2011-09-30	2016-03-15	14345713	United States of America	EXTENDING A CONVERSATION ACROSS APPLICATIONS
83874136	Granted	9996795	2011-10-07	2018-06-12	14347958	United States of America	Generating A Non-Deterministic Model of a Process for a Goal
83933546	Allowed		2011-10-27		14354115	United States of America	Aligning Annotation of Fields of Documents
83933622	Granted	9690870	2011-10-31	2017-06-27	14354802	United States of America	EMAIL TAGS
83817971	Granted	9535961	2011-11-18	2017-01-03	14358500	United States of America	QUERY SUMMARY GENERATION USING ROW-COLUMN DATA STORAGE
83793364	Granted	9853986	2012-01-26	2017-12-26	14359261	United States of America	CLUSTERING EVENT DATA BY MULTIPLE TIME DIMENSIONS
84000239	Granted	9798760	2012-04-27	2017-10-24	14372874	United States of America	APPLICATION RETENTION METRICS
83999014	Granted	9858318	2012-01-20	2018-01-02	14372976	United States of America	MANAGING DATA ENTITIES USING COLLABORATIVE FILTERING
83991333	Published		2012-01-26		14373560	United States of America	IDENTIFYING A PUSH COMMUNICATION PATTERN
83987166	Granted	9838263	2012-01-23	2017-12-05	14373595	United States of America	IDENTIFYING A POLLING COMMUNICATION PATTERN
83991664	Allowed		2012-04-30		14373780	United States of America	AUTOMATED EVENT MANAGEMENT
83991607	Granted	10303349	2012-01-26	2019-05-28	14373815	United States of America	IMAGE-BASED APPLICATION AUTOMATION
83991701	Published		2012-01-26		14373843	United States of America	IMAGE-BASED APPLICATION AUTOMATION
83995578	Granted	10136345	2012-02-07	2018-11-20	14374785	United States of America	TESTING A MOBILE APPLICATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
83992637	Published		2012-01-31		14374841	United States of America	CONTINUOUS DEPLOYMENT OF CODE CHANGES
83995675	Granted	9652509	2012-04-30	2017-05-16	14375005	United States of America	PRIORITIZATION OF CONTINUOUS DEPLOYMENT PIPELINE TESTS
83998478	Granted	9356949	2012-02-29	2016-05-31	14381410	United States of America	NETWORK SERVICE INTERFACE ANALYSIS
84041414	Granted	9703834	2012-03-26	2017-07-11	14386633	United States of America	TOPOLOGICAL QUERY IN MULTI-TENANCY ENVIRONMENT
84046830	Granted	9720685	2012-03-30	2017-08-01	14387627	United States of America	SOFTWARE DEVELOPMENT ACTIVITY
84046860	Published		2012-03-30		14388177	United States of America	ASSOCIATING AN APPLICATION WITH AN APPLICATION FILE
84072895	Published		2012-07-16		14391692	United States of America	WORKFLOW COMPILATION
84072998	Published		2012-07-31		14396131	United States of America	Supporting Multi-Tenancy in a Federated Data Management System
84073063	Granted	9658945	2012-07-31	2017-05-23	14397213	United States of America	CONSTRUCTING TEST-CENTRIC MODEL OF APPLICATION
84079684	Granted	9703755	2012-07-30	2017-07-11	14397717	United States of America	GENERATING AND PARTITIONING POLYNOMIALS
84079538	Granted	10210335	2012-07-26	2019-02-19	14397988	United States of America	APPLICATION SECURITY TESTING
84079488	Granted	9531755	2012-05-30	2016-12-27	14398003	United States of America	FIELD SELECTION FOR PATTERN DISCOVERY
84038227	Granted	10027686	2012-05-30	2018-07-17	14398017	United States of America	PARAMETER ADJUSTMENT FOR PATTERN DISCOVERY
84079513	Granted	9990500	2012-07-25	2018-06-05	14398037	United States of America	DETERMINING APPLICATION VULNERABILITIES
84079569	Granted	9679036	2012-05-15	2017-06-13	14398213	United States of America	PATTERN MINING BASED ON OCCUPANCY
84079629	Granted	9864763	2012-06-01	2018-01-09	14398249	United States of America	MERGING DATA FROM A SOURCE LOCATION INTO A TARGET LOCATION
84079652	Granted	9652174	2012-06-04	2017-05-16	14398269	United States of America	MANAGING AN ANALYTIC FUNCTION TO BE PERFORMED ON DATA STORED IN AN INPUT BLOCK

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
84116623	Allowed		2012-06-04		14405563	United States of America	USER-DEFINED LOADING OF DATA ONTO A DATABASE
84121738	Published		2012-07-31		14408838	United States of America	MONITORING FOR MANAGED SERVICES
84139618	Granted	9477582	2012-10-31	2016-10-25	14415632	United States of America	EXECUTABLE SOFTWARE SPECIFICATION GENERATION
84125971	Granted	9195562	2012-07-27	2015-11-24	14416110	United States of America	RECORDING EXTERNAL PROCESSES
84139967	Application		2012-09-27		14417950	United States of America	CAPTURING AN APPLICATION STATE IN A CONVERSATION
84139989	Granted	9311080	2012-07-31	2016-04-12	14418815	United States of America	INSTRUMENTED FILE DEPLOYMENT
84148242	Granted	9183123	2012-08-13	2015-11-10	14419019	United States of America	PERFORMANCE TESTS IN A CONTINUOUS DEPLOYMENT PIPELINE
84155397	Granted	9753750	2012-08-30	2017-09-05	14419667	United States of America	GLOBAL FEATURE LIBRARY USEABLE WITH CONTINUOUS DELIVERY
84163292	Granted	10025903	2012-09-12	2018-07-17	14421734	United States of America	VALIDATING A METADATA TREE USING A METADATA INTEGRITY VALIDATOR
84162986	Granted	9940469	2012-08-30	2018-04-10	14421759	United States of America	ENCRYPTED DATA STORE FOR RECORDS
84164202	Published		2012-09-12		14421777	United States of America	METADATA TREE WITH KEY ROTATION INFORMATION
84162687	Granted	9558355	2012-08-29	2017-01-31	14424401	United States of America	SECURITY SCAN BASED ON DYNAMIC TAINT
84161938	Granted	9703687	2012-09-21	2017-07-11	14428686	United States of America	MONITOR USABLE WITH CONTINUOUS DEPLOYMENT
84164233	Granted	10050851	2013-03-18	2018-08-14	14430809	United States of America	VISUALIZING CONDITIONS OF INFORMATION TECHNOLOGY ENVIRONMENTS
84137299	Granted	10389660	2012-10-10	2019-08-20	14431414	United States of America	IDENTIFYING REPORTS TO ADDRESS NETWORK ISSUES
84182220	Granted	9438617	2012-09-28	2016-09-06	14431996	United States of America	APPLICATION SECURITY TESTING

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
84232801	Granted	9727556	2012-10-26	2017-08-08	14438386	United States of America	SUMMARIZATION OF A DOCUMENT
84237933	Published		2012-10-31		14439832	United States of America	CASE MANAGEMENT USING ACTIVE ENTITIES IN A SOCIAL NETWORK
84217966	Published		2012-11-14		14441943	United States of America	UPDATING STATISTICS IN DISTRIBUTED DATABASES
83820998	Granted	10073918	2014-08-12	2018-09-11	14457517	United States of America	CLASSIFYING URLS
84030806	Published		2014-09-05		14478420	United States of America	FRAMEWORKS TO DEMONSTRATE LIVE PRODUCTS
84031420	Granted	9996443	2014-11-03	2018-06-12	14531029	United States of America	USER ACTION DURATION
84110945	Granted	9928239	2014-12-03	2018-03-27	14559053	United States of America	COMPARING PROJECTS
84103109	Granted	9229795	2014-12-08	2016-01-05	14563327	United States of America	EXECUTION OF END-TO-END PROCESSES ACROSS APPLICATIONS
84111545	Published		2014-12-08		14563331	United States of America	EXECUTION OF A WORKFLOW THAT INVOLVES APPLICATIONS OR SERVICES OF DATA CENTERS
84117006	Published		2014-12-08		14563552	United States of America	FULFILLING A REQUEST BASED ON CATALOG AGGREGATION AND ORCHESTRATED EXECUTION OF AN END-TO-END PROCESS
84123151	Granted	9830373	2015-01-06	2017-11-28	14590570	United States of America	DATA TRANSFER REQUESTS WITH DATA TRANSFER POLICIES
84122962	Granted	9397910	2015-02-05	2016-07-19	14614461	United States of America	MARKING PROGRAM FILES AS BELONGING TO AN APPLICATION
84173610	Granted	9792442	2015-02-27	2017-10-17	14634563	United States of America	VISUALIZATION OF SECURITY RISKS
84202591	Published		2012-11-28		14646961	United States of America	REGULATING APPLICATION TASK DEVELOPMENT
84265743	Granted	9830451	2012-11-30	2017-11-28	14647833	United States of America	Distributed Pattern Discovery
84273537	Granted	9954942	2013-12-11	2018-04-24	14648982	United States of America	RESULT AGGREGATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
84273831	Granted	9690645	2012-12-04	2017-06-27	14649183	United States of America	Determining Suspected Root Causes of Anomalous Network Behavior
84274043	Granted	10121268	2012-12-04	2018-11-06	14649191	United States of America	DISPLAYING INFORMATION TECHNOLOGY CONDITIONS WITH HEAT MAPS
84252656	Granted	9992033	2012-12-19	2018-06-05	14653213	United States of America	MULTI-CHANNEL CONVERSATION
84295410	Granted	10305760	2013-01-03	2019-05-28	14655772	United States of America	IDENTIFYING AN ANALYSIS REPORTING MESSAGE IN NETWORK TRAFFIC
84169692	Granted	10382566	2015-04-16	2019-08-13	14688566	United States of America	Business Service Discovery
84170379	Granted	10354210	2015-04-16	2019-07-16	14688646	United States of America	QUALITY PREDICTION
84266474	Granted	9648038	2015-05-29	2017-05-09	14725080	United States of America	Propagation Of Viruses Through An Information Technology Network
83995389	Published		2013-02-28		14759704	United States of America	AN INTERFACE FOR CREATING A PLAN ARTIFACT
84299280	Granted	9575823	2013-04-29	2017-02-21	14759711	United States of America	RECORDING UNSTRUCTURED EVENTS IN CONTEXT
83992718	Granted	10175958	2013-01-30	2019-01-08	14759726	United States of America	ACQUIRING IDENTIFICATION OF AN APPLICATION LIFECYCLE MANAGEMENT ENTITY ASSOCIATED WITH SIMILAR CODE
84306281	Granted	9710366	2013-01-29	2017-07-18	14761342	United States of America	GENERATING TEST CODE TO TEST EXECUTABLE CODE
84311845	Granted	10067855	2013-01-31	2018-09-04	14761359	United States of America	ERROR DEVELOPER ASSOCIATION
84311922	Granted	10162696	2013-01-31	2018-12-25	14761370	United States of America	DEPENDENCY MONITORING
84306312	Granted	10019346	2013-01-31	2018-07-10	14761534	United States of America	GENERATING SOFTWARE TEST SCRIPT FROM VIDEO
83992739	Published		2013-01-31		14761550	United States of America	DEFINING A DESIGN PLAN

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
84312899	Published		2013-02-01		14761574	United States of America	TEST SCRIPT CREATION BASED ON ABSTRACT TEST USER CONTROLS
84312957	Granted	10318122	2013-02-27	2019-06-11	14761583	United States of America	DETERMINING EVENT AND INPUT COVERAGE METRICS FOR A GRAPHICAL USER INTERFACE CONTROL INSTANCE
84312777	Granted	10152552	2013-01-29	2018-12-11	14762939	United States of America	ANALYZING STRUCTURE OF WEB APPLICATION
84312589	Granted	9910992	2013-02-25	2018-03-06	14763172	United States of America	PRESENTATION OF USER INTERFACE ELEMENTS BASED ON RULES
84312765	Published		2013-01-28		14763190	United States of America	DISPLAYING REAL-TIME SECURITY EVENTS
84312707	Published		2013-02-28		14764280	United States of America	DETERMINING COVERAGE OF DYNAMIC SECURITY SCANS USING RUNTIME AND STATIC CODE ANALYSES
84312830	Published		2013-01-31		14764670	United States of America	TARGETED SECURITY ALERTS
90022827	Published		2013-01-31		14764973	United States of America	DETERMINING TRANSFERABILITY OF A COMPUTING RESOURCE TO A CLOUD COMPUTING ENVIRONMENT
90022856	Published		2013-02-07		14765011	United States of America	Formatting Semi-Structured Data in a Database
84312946	Granted	9870221	2013-02-28	2018-01-16	14765099	United States of America	PROVIDING CODE CHANGE JOB SETS OF DIFFERENT SIZES TO VALIDATORS
84312977	Granted	10354553	2013-04-03	2019-07-16	14765319	United States of America	EXPLORATION MAPS FOR VISUALIZING SOFTWARE PRODUCT KNOWLEDGE
84311788	Granted	9720803	2013-01-31	2017-08-01	14765321	United States of America	METHODS AND APPARATUS FOR DEBUGGING OF REMOTE SYSTEMS
90031025	Allowed		2013-03-12		14773943	United States of America	IDENTIFYING TRANSPORT-LEVEL ENCODED PAYLOADS
90043618	Granted	10296739	2013-03-11	2019-05-21	14773983	United States of America	EVENT CORRELATION BASED ON CONFIDENCE FACTOR
90031040	Allowed		2013-03-15		14775937	United States of America	Sending Encrypted Data to a Service Provider
90068045	Granted	10331799	2013-03-28	2019-06-25	14780707	United States of America	GENERATING A FEATURE SET

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90071049	Published		2013-04-02		14781896	United States of America	QUERY INTEGRATION ACROSS DATABASES AND FILE SYSTEMS
90068853	Granted	9846781	2013-04-19	2017-12-19	14783096	United States of America	Unused Parameters of Application Under Test
90068705	Granted	10013318	2013-04-16	2018-07-03	14783175	United States of America	DISTRIBUTED EVENT CORRELATION SYSTEM
90031121	Granted	9928237	2013-04-11	2018-03-27	14783227	United States of America	AUTOMATED CONTEXTUAL-BASED SOFTWARE LOCALIZATION
90031133	Granted	10289406	2013-04-30	2019-05-14	14783477	United States of America	DEPENDENCIES BETWEEN FEATURE FLAGS
90075739	Granted	10248620	2013-04-30	2019-04-02	14785744	United States of America	DATABASE TABLE COLUMN ANNOTATION
90092220	Published		2013-08-29		14787302	United States of America	QUERIES INVOLVING MULTIPLE DATABASES AND EXECUTION ENGINES
90098076	Allowed		2013-04-30		14787326	United States of America	Incrementally Updating Statistics
90091219	Published		2013-06-28		14787380	United States of America	HOOK FRAMEWORK
90099146	Published		2013-06-07		14787452	United States of America	IDENTIFYING LOG MESSAGES
90092961	Published		2013-08-28		14787477	United States of America	MANAGING A PRESENTATION
90092861	Granted	9811447	2013-06-20	2017-11-07	14787489	United States of America	GENERATING A FINGERPRINT REPRESENTING A RESPONSE OF AN APPLICATION TO A SIMULATION OF A FAULT OF AN EXTERNAL SERVICE
90091201	Granted	9948501	2013-06-18	2018-04-17	14787555	United States of America	PRIORITIZING EVENT NOTICES UTILIZING PAST-PREFERENCE PAIRINGS
90093034	Granted	9798981	2013-08-27	2017-10-24	14787852	United States of America	DETERMINING MALWARE BASED ON SIGNAL TOKENS
90093001	Granted	9892262	2013-07-12	2018-02-13	14787863	United States of America	ANALYZING TARGET SOFTWARE FOR SECURITY VULNERABILITIES
84290656	Granted	10007593	2015-07-01	2018-06-26	14789455	United States of America	INJECTION OF DATA INTO A SOFTWARE APPLICATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
84312725	Granted	10216776	2015-07-09	2019-02-26	14795280	United States of America	VARIANCE BASED TIME SERIES DATASET ALIGNMENT
84312797	Granted	9916332	2015-07-09	2018-03-13	14795335	United States of America	DATASET CHART SCALING
84269661	Published		2015-07-21		14804654	United States of America	ASSOCIATING ERROR EVENTS WITH INPUTS TO APPLICATIONS
84262826	Granted	10027683	2015-07-28	2018-07-17	14811673	United States of America	Shared Symmetric Key Encryption
84269657	Published		2015-07-31		14815307	United States of America	INFORMATION TECHNOLOGY SERVICE MANAGEMENT RECORDS IN A SERVICE LEVEL TARGET DATABASE TABLE
84312840	Granted	10177984	2015-07-31	2019-01-08	14815701	United States of America	ISOLATION OF PROBLEMS IN A VIRTUAL ENVIRONMENT
84291398	Published		2015-08-04		14818054	United States of America	Query Plan Analysis Of Alternative Plans Using Robustness Mapping
90031016	Granted	9612870	2015-08-18	2017-04-04	14829076	United States of America	INVERSION OF CONTROL FOR EXECUTABLE EXTENSIONS IN A RUN-TIME ENVIRONMENT
90050920	Granted	9501650	2015-09-04	2016-11-22	14846462	United States of America	APPLICATION SECURITY TESTING
90032827	Granted	9762602	2015-09-04	2017-09-12	14846555	United States of America	GENERATING ROW-BASED AND COLUMN-BASED CHUNKS
90039666	Granted	10089120	2015-09-25	2018-10-02	14865505	United States of America	WIDGETS IN DIGITAL DASHBOARDS
90063344	Granted	9864592	2015-09-25	2018-01-09	14866444	United States of America	System And Method For Deploying Software Into A Computing Environment
90035359	Published		2015-10-16		14884903	United States of America	DIAL CONTROL FOR TOUCH SCREEN NAVIGATION
90077889	Granted	9990274	2015-10-19	2018-06-05	14886688	United States of America	TESTING INTEGRATED BUSINESS SYSTEMS
90129442	Published		2013-06-27		14897271	United States of America	ASSESSING VALUE OF A BRAND BASED ON ONLINE CONTENT
90129398	Published		2013-06-24		14897291	United States of America	PROCESSING A DATA FLOW GRAPH OF A HYBRID FLOW

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90129346	Granted	9846573	2013-06-24	2017-12-19	14897299	United States of America	GENERATING A LOGICAL REPRESENTATION FROM A PHYSICAL FLOW
90129300	Published		2013-06-24		14897813	United States of America	CONTEXTUAL-BASED LOCALIZATION BASED ON MANUAL TESTING
90129362	Granted	10169216	2013-06-28	2019-01-01	14898534	United States of America	SIMULATING SENSORS
90129507	Allowed		2013-07-31		14898548	United States of America	PROVIDING SUBSCRIBER OPTIONS
90129386	Granted	10152466	2013-07-31	2018-12-11	14898594	United States of America	COMPARING USER INTERFACES
90129334	Published		2013-06-27		14898660	United States of America	DEVICE FOR DISPLAYING ELECTRONIC COMMUNICATIONS RECEIVED FROM COMMUNICATIONS SERVICES
90128354	Granted	10073755	2013-09-30	2018-09-11	14905313	United States of America	TRACING SOURCE CODE FOR END USER MONITORING
90145422	Granted	10198158	2013-07-19	2019-02-05	14904751	United States of America	MAP WITH DIFFERENT DEGREES OF OVERLAPPING GEOCODED PIXELS
90141270	Published		2013-07-31		14905496	United States of America	SIGNAL TOKENS INDICATIVE OF MALWARE
90148309	Published		2013-08-20		14909480	United States of America	PAYMENT UNIFICATION SERVICE
90149773	Published		2013-08-28		14909488	United States of America	MESSAGE DELIVERY VIA PREFERRED COMMUNICATIONS APPLICATIONS
90149783	Published		2013-08-27		14909504	United States of America	MANAGEMENT ACTIONS FOR CALENDAR CONFLICTS
90149791	Allowed		2013-08-28		14909526	United States of America	TESTING MULTI-THREADED APPLICATIONS
90149815	Granted	9965611	2013-08-30	2018-05-08	14909547	United States of America	COMPARING REAL-TIME MOVEMENTS TO PATTERN PROFILE BACKGROUND
90149880	Published		2013-08-30		14909655	United States of America	CONTEXTUAL SEARCHES FOR DOCUMENTS
90160014	Published		2013-09-04		14914078	United States of America	PROVIDING RESOURCES TO CUSTOMERS VIA NODE-RELATIONSHIP MODELS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90160552	Published		2013-08-28		14914088	United States of America	DISTRIBUTED PATTERN DISCOVERY
90160839	Granted	10104109	2013-09-30	2018-10-16	14914122	United States of America	HIERARCHICAL THREAT INTELLIGENCE
90160035	Granted	10212050	2013-09-04	2019-02-19	14914280	United States of America	PROVIDING RECURSIVELY-GENERATED INSTANTIATED COMPUTING RESOURCE IN A MULTI-TENANT ENVIRONMENT
90160103	Published		2013-09-04		14914309	United States of America	SELECTION OF RESOURCE PROVIDERS FOR MULTI-TENANCY PROVISION OF BUILDING BLOCKS
90160135	Granted	9921877	2013-09-13	2018-03-20	14915284	United States of America	Intelligent Auto-Scaling
90160479	Published		2013-09-19		14915294	United States of America	APPLICATION MENU MODIFICATION RECOMMENDATIONS
90160491	Published		2013-09-30		14915308	United States of America	RECORD AND REPLAY OF OPERATIONS ON GRAPHICAL OBJECTS
90160856	Granted	10073761	2013-09-30	2018-09-11	14915341	United States of America	LEGACY SYSTEM
90164365	Granted	10346002	2013-09-30	2019-07-09	14915371	United States of America	CONTROLLING A PROXY TOOL WITH INJECTED WIDGET CODE
90168790	Published		2013-09-12		14916302	United States of America	INFORMATION EXTRACTION
90175700	Published		2013-09-14		14917074	United States of America	PREDICTING EXECUTION TIMES OF CONCURRENT QUERIES
90091124	Granted	10282059	2015-10-23	2019-05-07	14921594	United States of America	GRAPHICAL OBJECT APPEARANCE-INVARIANT SIGNATURE
90039721	Granted	10178001	2015-11-05	2019-01-08	14933281	United States of America	DATA DISPATCH TO VIRTUAL DATA CHANNEL FOR PRESENTATION THROUGH A DASHBOARD
90122236	Granted	9311171	2015-12-03	2016-04-12	14958617	United States of America	EXECUTION OF END-TO-END-PROCESSES ACROSS APPLICATIONS
90131914	Granted	10296402	2015-12-17	2019-05-21	14972639	United States of America	SCHEDULING JOBS
90127442	Granted	10198833	2015-12-17	2019-02-05	14973334	United States of America	DISPLAYING VISUAL ANALYTICS OF ENTITY DATA

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90037735	Published		2015-12-23		14998175	United States of America	MICROSERVICE WITH DECOUPLED USER INTERFACE
90141420	Granted	9736177	2016-01-21	2017-08-15	15003262	United States of America	AUTOMATED SECURITY TESTING
90114018	Granted	10078577	2016-01-25	2018-09-18	15005320	United States of America	POLICY COMPLIANCE OF CONTAINER IMAGES
90114133	Published		2016-01-25		15005917	United States of America	Managing Configuration Drift
90188568	Published		2013-10-31		15008860	United States of America	Method And System Of Testing Software Using Real Time Replication
90153240	Granted	10073765	2016-01-28	2018-09-11	15027776	United States of America	CLASSIFYING A DOCUMENT USING PATTERNS
90190789	Published		2013-11-27		15027810	United States of America	RELATIONSHIP EXTRACTION
90190863	Published		2013-10-31		15027842	United States of America	STORING TIME SERIES DATA FOR A SEARCH QUERY
90181014	Allowed		2013-10-30		15028460	United States of America	FACILITATING AUTONOMOUS COMPUTING WITHIN A CLOUD SERVICE
90181067	Granted	10164986	2013-10-30	2018-12-25	15028540	United States of America	REALIZED TOPOLOGY SYSTEM MANAGEMENT DATABASE
90181085	Published		2013-10-30		15028721	United States of America	MODIFYING REALIZED TOPOLOGIES
90181433	Granted	9921948	2013-10-30	2018-03-20	15028725	United States of America	SOFTWARE COMMIT RISK LEVEL
90189000	Granted	9934002	2013-10-30	2018-04-03	15028735	United States of America	TECHNOLOGY RECOMMENDATION FOR SOFTWARE ENVIRONMENT
90189021	Granted	10296449	2013-10-30	2019-05-21	15028758	United States of America	RECORDING AN APPLICATION TEST
90188518	Published		2013-10-15		15028785	United States of America	ANALYZING A PARALLEL DATA STREAM USING A SLIDING FREQUENT PATTERN TREE
90196511	Published		2013-12-19		15031431	United States of America	ANALYZE CODE THAT USES WEB FRAMEWORK USING LOCAL PARAMETER MODEL

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90196534	Granted	10242199	2014-01-31	2019-03-26	15031454	United States of America	APPLICATION TEST USING ATTACK SUGGESTIONS
90196525	Published		2014-01-29		15031503	United States of America	PREDICTIVE ANALYTICS UTILIZING REAL TIME EVENTS
90198285	Allowed		2013-10-23		15031719	United States of America	Tracking a Status of a Process
90199901	Published		2013-10-29		15032583	United States of America	HIERARCHICAL SERVICE TREES
90199906	Granted	103744941	2013-10-30	2019-08-06	15032602	United States of America	DETERMINING AGGREGATION INFORMATION
90187346	Granted	9870353	2013-10-31	2018-01-16	15032598	United States of America	PRE-POPULATING A FORM
90199773	Granted	10324710	2013-11-15	2019-06-18	15032650	United States of America	INDICATING A TRAIT OF A CONTINUOUS DELIVERY PIPELINE
90199791	Allowed		2013-11-27		15032667	United States of America	PRODUCTION SAMPLING FOR DETERMINING CODE COVERAGE
90200396	Published		2014-01-30		15032700	United States of America	EVALUATING USER INTERFACE EFFICIENCY
90200420	Granted	10242125	2013-12-05	2019-03-26	15032851	United States of America	REGULAR EXPRESSION MATCHING
90199896	Published		2013-10-29		15033084	United States of America	END USER TREND IDENTIFICATION TO IDENTIFY INFORMATION GAPS
90199886	Published		2013-10-29		15033107	United States of America	PROVIDING INFORMATION TECHNOLOGY SUPPORT
90199881	Published		2013-12-14		15033144	United States of America	Log Analysis Based on User Activity Volume
90199997	Published		2013-10-31		15033151	United States of America	DETERMINING MODEL QUALITY
90199993	Published		2013-10-30		15033160	United States of America	PROCESS MODEL CATALOG
90201069	Published		2013-12-17		15033163	United States of America	ABSTRACTION LAYER BETWEEN A DATABASE QUERY ENGINE AND A DISTRIBUTED FILE SYSTEM

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90199989	Allowed		2013-10-30		15033174	United States of America	PARAMETER SUGGESTION BASED ON USER ACTIVITY
90201086	Published		2013-12-19		15033181	United States of America	RESIDUAL DATA IDENTIFICATION
90199985	Granted	10114801	2013-10-31	2018-10-30	15033183	United States of America	Treemap Optimization
90199914	Published		2013-10-30		15033200	United States of America	Event Log Analysis
90192481	Published		2013-12-06		15033512	United States of America	FLEXIBLE SCHEMA TABLE
90192462	Published		2013-12-06		15033519	United States of America	TRANSITIVE LOCAL PREDICATES ACROSS MULTIPLE JOINS
90202734	Published		2013-12-19		15034241	United States of America	HYBRID FLOWS CONTAINING A CONTINOUS FLOW
90202746	Allowed		2013-12-20		15034324	United States of America	GENERATING A VISUALIZATION OF A METRIC AT A LEVEL OF EXECUTION
90202765	Published		2013-12-20		15034356	United States of America	IDENTIFYING A PATH IN A WORKLOAD THAT MAY BE ASSOCIATED WITH A DEVIATION
90203138	Published		2013-12-20		15034369	United States of America	DISCARDING DATA POINTS IN A TIME SERIES
90203143	Published		2014-01-29		15034505	United States of America	FORCE FEEDBACK
90203153	Published		2014-01-30		15034513	United States of America	OPTIMIZING WINDOW JOINS OVER DATA STREAMS
90205084	Granted	9792202	2013-11-15	2017-10-17	15035053	United States of America	IDENTIFYING A CONFIGURATION ELEMENT VALUE AS A POTENTIAL CAUSE OF A TESTING OPERATION FAILURE
90210604	Granted	10203833	2013-11-26	2019-02-12	15038060	United States of America	RECOMMENDING APPLICATION MODIFICATIONS USING IMAGE AREA COUNTS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90162458	Granted	10372769	2016-04-04	2019-08-06	15090091	United States of America	DISPLAYING RESULTS, IN AN ANALYTICS VISUALIZATION DASHBOARD, OF FEDERATED SEARCHES ACROSS REPOSITORIES USING AS INPUTS ATTRIBUTES OF THE ANALYTICS VISUALIZATION DASHBOARD
90035363	Published		2016-04-11		15095230	United States of America	DEPLOYING APPLICATIONS ON APPLICATION PLATFORMS
90215700	Granted	9866530	2013-12-16	2017-12-05	15101744	United States of America	DETERMINING PREFERRED COMMUNICATION EXPLANATIONS USING RECORD-RELEVANCY TIERS
90237079	Published		2014-01-31		15113257	United States of America	BUSINESS PROCESS MANAGMENT
90210668	Published		2014-01-21		15113436	United States of America	Automatically Discovering Topology Of An Information Technology (IT) Infrastructure
90210672	Published		2014-01-27		15113541	United States of America	CONTINUOUS INTEGRATION WITH REUSABLE CONTEXT AWARE JOBS
90237280	Granted	10162737	2014-02-20	2018-12-25	15114070	United States of America	EMULATING A USER PERFORMING SPATIAL GESTURES
90238697	Published		2014-03-31		15114134	United States of America	CANDIDATE SERVICES FOR AN APPLICATION
90240813	Published		2014-04-30		15114198	United States of America	VISUALIZING TOPICS WITH BUBBLES INCLUDING PIXELS
90238693	Published		2014-03-31		15114328	United States of America	PARALLELIZING SQL ON DISTRIBUTED FILE SYSTEMS
90238689	Published		2014-03-28		15114337	United States of America	REAL-TIME MONITORING AND ANALYSIS OF QUERY EXECUTION
90241938	Published		2014-03-28		15114826	United States of America	SYSTEMS AND METHODS FOR PROVIDING AN INFORMATION TECHNOLOGY INTERFACE
90233561	Published		2014-03-10		15114913	United States of America	PARALLELIZING SQL USER DEFINED TRANSFORMATION FUNCTIONS
90237328	Granted	9866587	2014-04-09	2018-01-09	15115004	United States of America	IDENTIFYING SUSPICIOUS ACTIVITY IN A LOAD TEST

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90237336	Granted	101466667	2014-04-10	2018-12-04	15115197	United States of America	GENERALIZED SNAPSHOTS BASED ON MULTIPLE PARTIAL SNAPSHOTS
90237345	Granted	9992379	2014-04-10	2018-06-05	15115365	United States of America	PARTIAL SNAPSHOTS FOR CREATING GENERALIZED SNAPSHOTS
90237452	Granted	10263878	2014-04-24	2019-04-16	15116426	United States of America	PROTOCOL DETERMINATION
90242231	Granted	10289838	2014-02-21	2019-05-14	15116847	United States of America	SCORING FOR THREAT OBSERVABLES
90242199	Granted	10339207	2014-04-22	2019-07-02	15116857	United States of America	IDENTIFYING A FUNCTIONAL FRAGMENT OF A DOCUMENT OBJECT MODEL TREE
90242213	Granted	101104112	2014-04-18	2018-10-16	15116912	United States of America	RATING THREAT SUBMITTER
90238633	Application		2014-04-30		15117134	United States of America	PERFORMING A MIRROR TEST FOR LOCALIZATION TESTING
90242305	Published		2014-05-15		15117484	United States of America	MEASURING USER INTERFACE RESPONSIVENESS
90237233	Published		2014-02-14		15118557	United States of America	MODIFYING A HIERARCHAL STRUCTURE
90237249	Published		2014-02-19		15118952	United States of America	ROLE BASED ASSESSMENT FOR AN IT MANAGEMENT SYSTEM
90237284	Published		2014-02-28		15121829	United States of America	ALLOCATING COSTS OF SHARED RESOURCES
90253197	Published		2014-03-27		15124020	United States of America	INFORMATION TECHNOLOGY (IT) TICKET ASSIGNMENT
90268881	Published		2014-03-14		15125681	United States of America	COLUMN STORE DATABASE COMPRESSION
90275555	Granted	103553545	2014-04-22	2019-07-16	15127687	United States of America	FLOW AUTOCOMPLETE
90238036	Granted	10313459	2014-04-29	2019-06-04	15128081	United States of America	MONITORING APPLICATION FLOW OF APPLICATIONS USING A REGULAR OR EXTENDED MODE

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90238044	Granted	9678764	2014-04-29	2017-06-13	15128140	United States of America	CLASSIFYING APPLICATION PROTOCOL INTERFACES (APIS) AS AFFECTING USER EXPERIENCE
90237349	Granted	10303760	2014-04-17	2019-05-28	15128153	United States of America	CASCADING STYLE SHEET META LANGUAGE PERFORMANCE
90238616	Granted	10038771	2014-04-30	2018-07-31	15128175	United States of America	EXTENDING FEATURES OF ONE DEVICE TO ANOTHER
90238082	Granted	10198289	2014-04-29	2019-02-05	15128197	United States of America	RELATING USER ACTION FLOWS BY STORING RELATIONSHIPS BETWEEN THREADS AND OBJECTS
90278959	Published		2014-03-24		15128501	United States of America	MONITORING FOR AUTHENTICATION INFORMATION
90180218	Allowed		2016-04-28		15140893	United States of America	Bulk Sets for Executing Database Queries
90180162	Granted	10268505	2016-04-28	2019-04-23	15141032	United States of America	BATCH JOB FREQUENCY CONTROL
90133780	Allowed		2016-05-11		15151753	United States of America	VISUALIZATION OF ERROR FLOWS IN APPLICATION TRANSACTIONS
90213885	Published		2016-05-31		15169559	United States of America	IDENTIFYING DATA CONSTRAINTS IN APPLICATIONS AND DATABASES
90206885	Granted	10187492	2016-05-31	2019-01-22	15169645	United States of America	MAINTENANCE WINDOW SCHEDULING
90197759	Published		2016-06-14		15182119	United States of America	CLUSTERING LOG MESSAGES USING PROBABILISTIC DATA STRUCTURES
90164259	Published		2016-06-16		15184350	United States of America	CONSIDERING GEOLOCATION INFORMATION IN A SECURITY INFORMATION SHARING PLATFORM
90163321	Granted	10255084	2016-06-16	2019-04-09	15184478	United States of America	MANAGE ANALYTICS CONTEXTS THROUGH A SERIES OF ANALYTICS INTERACTIONS VIA A GRAPHICAL USER INTERFACE
90190333	Published		2016-06-21		15188312	United States of America	CLUSTERING LAYERS IN MULTI-NODE CLUSTERS
90214671	Allowed		2016-06-30		15198550	United States of America	EFFECT OF OPERATIONS ON APPLICATION REQUESTS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90214803	Application		2016-07-01		15201171	United States of America	COMPUTER ATTACK MODEL MANAGEMENT
90214798	Granted	10262132	2016-07-01	2019-04-16	15201186	United States of America	MODEL-BASED COMPUTER ATTACK ANALYTICS ORCHESTRATION
90219916	Published		2016-07-06		15202636	United States of America	ACCESSING ELECTRONIC DATABASES
90219912	Allowed		2016-07-06		15203451	United States of America	PARALLEL TRANSFERS OF ELECTRONIC DATA
90214667	Published		2016-07-11		15207232	United States of America	CALCULATING USER EXPERIENCE SCORES
90037114	Granted	10068365	2016-07-29	2018-09-04	15223928	United States of America	SPIRAL VISUALIZATION GENERATOR
90219968	Granted	9992256	2016-08-05	2018-06-05	15230050	United States of America	DISTRIBUTED COMPUTING IN R
90219930	Published		2016-08-11		15234662	United States of America	USER INTERFACE WITH TAG IN FOCUS
90213877	Published		2016-08-16		15238073	United States of America	CONTAINER MONITORING CONFIGURATION DEPLOYMENT
90219949	Application		2016-08-24		15246266	United States of America	WEB PAGE MANIPULATION
90213779	Granted	10073766	2016-08-25	2018-09-11	15247045	United States of America	BUILDING SIGNATURES OF APPLICATION FLOWS
90164219	Published		2016-08-31		15252615	United States of America	PERFORMING STACK TRACE SAMPLING FOR METHOD INSTRUMENTATION
90246342	Published		2016-09-07		15258784	United States of America	ENHANCED INTELLIGENCE FOR A SECURITY INFORMATION SHARING PLATFORM
90232894	Granted	10235572	2016-09-20	2019-03-19	15270180	United States of America	Detecting Changes in 3D Scenes
90214663	Granted	10187495	2016-09-23	2019-01-22	15275070	United States of America	IDENTIFYING PROBLEMATIC MESSAGES
90235682	Published		2016-09-28		15278977	United States of America	PURGING STORAGE PARTITIONS OF DATABASES

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90163357	Granted	10310852	2016-09-29	2019-06-04	15280428	United States of America	TIMING ESTIMATIONS FOR APPLICATION LIFECYCLE MANAGEMENT WORK ITEMS DETERMINED THROUGH MACHINE LEARNING
90251062	Published		2016-09-29		15280920	United States of America	GENERATING PARSING RULES FOR LOG MESSAGES
90129491	Published		2016-09-29		15280940	United States of America	DETERMINING TOPOLOGY USING LOG MESSAGES
90214808	Published		2016-09-29		15280954	United States of America	EMULATING NETWORK TRAFFIC
90214659	Application		2016-09-30		15282355	United States of America	EXCHANGE SERVICE MANAGEMENT CONTENTS WITH A CLOUD ENTITY VIA A SELF-CONTAINED CLOUD CONTENT PACKAGE
90251026	Published		2016-10-20		15298844	United States of America	WORKFLOW PROCESSING VIA POLICY WORKFLOW WORKERS
90283098	Granted	10013242	2014-05-27	2018-07-03	15302290	United States of America	DISTRIBUTED COMPILATION OF STATICALLY TYPED LANGUAGES
90283774	Granted	10102105	2014-06-24	2018-10-16	15302759	United States of America	DETERMINING CODE COMPLEXITY SCORES
90283708	Granted	10241978	2014-06-09	2019-03-26	15302861	United States of America	MEASURING COMPATIBILITY OF VIEWERS BY LEVERAGING USER-PROVIDED ELEMENT DEFINITIONS
90283779	Published		2014-06-12		15303068	United States of America	DETERMINING APPLICATION DEPLOYMENT RECOMMENDATIONS
90283766	Granted	10356026	2014-04-25	2019-07-16	15303084	United States of America	DATA MANAGEMENT IN A DISTTRIBUTED COMPUTING ENVIRONMENT
90283148	Published		2016-10-11		15303254	United States of America	EVALUATING USER EXPERIENCE
90284639	Published		2014-07-10		15303547	United States of America	Using A Single Deployer Agent To Deploy A Plurality Of Programs On A Server
90283789	Published		2014-04-18		15303771	United States of America	PRE-COGNITIVE SECURITY INFORMATION AND EVENT MANAGEMENT
90283809	Published		2014-05-27		15306183	United States of America	RESPONSE BASED ON BROWSER ENGINE

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90287838	Granted	9946959	2014-04-30	2018-04-17	15307026	United States of America	FACILITATING INTERPRETATION OF HIGH-DIMENSIONAL DATA CLUSTERS
90285071	Granted	10304224	2014-05-28	2019-05-28	15307435	United States of America	DYNAMIC GRAPHIC ENTITY DETERMINATION
90285508	Granted	101855559	2014-06-25	2019-01-22	15308575	United States of America	DOCUMENTATION NOTIFICATION
90285497	Published		2014-05-30		15308590	United States of America	EVALUATING USER EXPERIENCE
90287370	Published		2014-06-09		15308654	United States of America	MANAGING STORAGE OF DATA
90302697	Published		2014-05-12		15309836	United States of America	GENERATING A MODEL BASED ON INPUT
90302710	Allowed		2014-05-22		15309842	United States of America	USER DEFINED FUNCTION, CLASS CREATION FOR EXTERNAL DATA SOURCE ACCESS
90302720	Published		2014-06-30		15310120	United States of America	AUTOMATIC GENERATION OF SUB-QUERIES
90302705	Published		2014-06-12		15310126	United States of America	RECOMMENDING OF AN ITEM TO A USER
90292049	Granted	10313460	2014-08-28	2019-06-04	15311265	United States of America	CROSS-DOMAIN INFORMATION MANAGEMENT
90305518	Published		2014-09-08		15311449	United States of America	USER INTERFACE COMPONENTS LOAD TIME VISUALIZATION
90304699	Published		2014-05-20		15312644	United States of America	POINT-WISE PROTECTION OF APPLICATION USING RUNTIME AGENT
90308420	Published		2014-05-20		15312645	United States of America	POINT-WISE PROTECTION OF APPLICATION USING RUNTIME AGENT AND DYNAMIC SECURITY ANALYSIS
90292370	Published		2014-05-29		15312925	United States of America	ISOLATING PRODUCTION ENVIRONMENT DEBUGGING SESSIONS
90296732	Published		2014-06-09		15312955	United States of America	Aggregate Projection
90301873	Published		2014-07-31		15316618	United States of America	DETERMINING APPLICATION CHANGE SUCCESS RATINGS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90301911	Published		2014-06-09		15317044	United States of America	TOP-K PROJECTION
90317530	Allowed		2014-06-19		15317206	United States of America	INSTALL RUNTIME AGENT FOR SECURITY TEST
90301877	Published		2014-07-24		15318868	United States of America	END POINT IDENTIFICATION
90301881	Published		2014-07-28		15318902	United States of America	ACCESSING RESOURCES ACROSS MULTIPLE TENANTS
90301887	Granted	10303553	2014-07-28	2019-05-28	15319322	United States of America	PROVIDING DATA BACKUP
90301891	Published		2014-07-28		15319338	United States of America	DETECTION OF ABNORMAL TRANSACTION LOOPS
90327303	Granted	10353927	2014-07-10	2019-07-16	15324043	United States of America	CATEGORIZING COLUMNS IN A DATA TABLE
90329886	Published		2014-07-31		15325060	United States of America	RANK AGGREGATION BASED ON A MARKOV MODEL
90331196	Published		2014-08-18		15325493	United States of America	INTERACTIVE SEQUENTIAL PATTERN MINING
90344442	Published		2014-07-29		15325630	United States of America	SIMILARITY IN A STRUCTURED DATASET
90334140	Published		2015-01-30		15325786	United States of America	PERFORMANCE TESTING BASED ON VARIABLE LENGTH SEGMENTATION AND CLUSTERING OF TIME SERIES DATA
90334135	Granted	10341103	2015-01-29	2019-07-02	15325800	United States of America	DATA ANALYTICS ON ENCRYPTED DATA ELEMENTS
90334131	Published		2014-12-11		15325807	United States of America	DETERMINING TERM SCORES BASED ON A MODIFIED INVERSE DOMAIN FREQUENCY
90334127	Published		2014-12-11		15325847	United States of America	INTERACTIVE DETECTION OF SYSTEM ANOMALIES
90301923	Allowed		2014-07-30		15326169	United States of America	PRODUCT RISK PROFILE
90301895	Allowed		2014-07-29		15326326	United States of America	EXECUTABLE CODE ABNORMALITY DETECTION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90301927	Granted	10318740	2014-07-30	2019-06-11	15326991	United States of America	SECURITY RISK SCORING OF AN APPLICATION
90341583	Published		2014-07-18		15327174	United States of America	DETERMINING TERMS FOR SECURITY TEST
90301935	Application		2014-07-31		15327599	United States of America	REMOTE SESSION INFORMATION BASED ON PROCESS IDENTIFIER
90334971	Granted	10346399	2014-07-28	2019-07-09	15327729	United States of America	SEARCHING RELATIONAL AND GRAPH DATABASES
90342509	Published		2014-07-21		15328015	United States of America	REMEDIAL ACTION FOR RELEASE OF THREAT DATA
90342513	Granted	10356109	2014-07-21	2019-07-16	15328018	United States of America	SECURITY INDICATOR LINKAGE DETERMINATION
90342525	Published		2014-07-22		15328023	United States of America	SECURITY INDICATOR DETERMINATION
90342529	Allowed		2014-07-22		15328024	United States of America	CONDITIONAL SECURITY INDICATOR SHARING
90342095	Granted	10248392	2014-08-08	2019-04-02	15328547	United States of America	REPLICATING A WEB TECHNOLOGY
90344718	Published		2014-08-28		15329022	United States of America	WORKFLOW CUSTOMIZATION
90344769	Application		2014-08-29		15329137	United States of America	IMPROVEMENT MESSAGE BASED ON ELEMENT SCORE
90343539	Allowed		2014-09-03		15329806	United States of America	SCREEN-IMAGE BASED CLASSIFICATION
90257380	Published		2016-10-25		15334009	United States of America	DETECTION OF ENTITIES IN UNSTRUCTURED DATA
90217809	Granted	10235095	2016-10-26	2019-03-19	15334536	United States of America	WEBPAGE REFRESH BASED ON MEMORY CONSUMPTION
90257361	Granted	10257312	2016-10-27	2019-04-09	15335738	United States of America	PERFORMANCE MONITOR BASED ON USER ENGAGEMENT
90269767	Application		2016-10-27		15335953	United States of America	DETECTION OF OBJECT CREATION
90257365	Allowed		2016-10-27		15336386	United States of America	DETECTING MALFORMED APPLICATION SCREENS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90257455	Granted	10380449	2016-10-27	2019-08-13	15336482	United States of America	ASSOCIATING A SCREENSHOT GROUP WITH A SCREEN
90257376	Granted	10389719	2016-04-28	2019-08-20	15337181	United States of America	PARAMETER BASED DATA ACCESS ON A SECURITY INFORMATION SHARING PLATFORM
90257426	Allowed		2016-10-28		15337244	United States of America	HASHES OF EMAIL TEXT
90257422	Application		2016-11-01		15340102	United States of America	TOGGLING APPLICATION FEATURE FLAGS BASED ON USER SENTIMENT
90225698	Application		2016-11-01		15340218	United States of America	SINGULAR VALUE DECOMPOSITIONS
90284373	Published		2016-11-04		15344068	United States of America	USE OF MARKETPLACE PLATFORM INSTANCES FOR RESELLING
90251002	Granted	10261886	2016-11-09	2019-04-16	15347370	United States of America	FUNCTION CALL VISUALIZATION
90314350	Granted	10235156	2016-12-01	2019-03-19	15366567	United States of America	VERSIONED EXTENSION POINTS OF GRAPHICAL USER INTERFACES
90251010	Published		2016-12-07		15372114	United States of America	SUGGESTED OFFERINGS
90284377	Granted	101169324	2016-12-08	2019-01-01	15373204	United States of America	UNIVERSAL LEXICAL ANALYZERS
90257597	Granted	10228936	2016-12-16	2019-03-12	15381250	United States of America	Software Delivery Pipeline Management
90251006	Granted	101169853	2016-12-20	2019-01-01	15384817	United States of America	SCORE WEIGHTS FOR USER INTERFACE (ui) ELEMENTS
90311519	Published		2016-12-21		15386101	United States of America	ABNORMAL BEHAVIOR DETECTION OF ENTERPRISE ENTITIES USING TIME-SERIES DATA
90296389	Application nnnnnnn		2016-12-22		15388184	United States of America	ORDERING REGULAR EXPRESSIONS
90324147	Published		2016-12-23		15389919	United States of America	QUERY SUMMARY GENERATION USING ROW-COLUMN DATA STORAGE
90257389	Allowed		2017-01-10		15402992	United States of America	IDENTIFYING A LAYOUT ERROR

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90251014	Granted	101152302	2017-01-12	2018-12-11	15404599	United States of America	Calculating Normalized Metrics
90323944	Application		2017-01-19		15409760	United States of America	TIME-BASED DETECTION OF MALWARE COMMUNICATIONS
90323948	Granted	10389518	2017-01-27	2019-08-20	15418533	United States of America	BLOCKCHAIN HASH VALUE RECOMPUTATION
90345009	Published		2017-01-30		15419707	United States of America	INFERRING TOPOLOGICAL LINKAGES BETWEEN COMPONENTS
90257349	Allowed		2017-01-31		15420272	United States of America	WORKFLOW GENERATION FROM NATURAL LANGUAGE STATEMENTS
90323958	Published		2017-01-31		15420417	United States of America	GROUPING ALERTS INTO BUNDLES OF ALERTS
90323953	Published		2017-01-31		15420420	United States of America	DETERMINING CONTEXTUAL INFORMATION FOR ALERTS
90323963	Published		2017-01-31		15420521	United States of America	RESPONDING TO ALERTS
90324069	Published		2017-01-31		15420589	United States of America	Encryption Transition In A Database
90323978	Published		2017-02-15		15433136	United States of America	Characterizing Behavior Anomaly Analysis Performance Based On Threat Intelligence
90323968	Published		2017-02-20		15437230	United States of America	Reporting Behavior Anomalies
90323439	Published		2017-02-21		15438259	United States of America	EXPECTED SENSOR MEASUREMENT RECEIPT INTERVAL ESTIMATION
90323427	Allowed		2017-02-21		15438477	United States of America	ANOMALY DETECTION
90323973	Application		2017-02-28		15445477	United States of America	MULTI-DIMENSIONAL DATA SAMPLES REPRESENTING ANOMALOUS ENTITIES
90334101	Allowed		2017-03-09		15454913	United States of America	COLOR RECOGNITION THROUGH LEARNED COLOR CLUSTERS
90257418	Published		2017-03-10		15455964	United States of America	TEST SELECTION FOR APPLICATION COMMIT
90323433	Published		2017-03-20		15463562	United States of America	UPDATING GROUND TRUTH DATA IN A SECURITY MANAGEMENT PLATFORM

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90365396	Published		2017-03-20		15463623	United States of America	System And Method For Making A Recommendation Based On User Data
90361915	Published		2017-04-07		15482352	United States of America	ASSIGNING SEGMENTS OF A SHARED DATABASE STORAGE TO NODES
90361920	Published		2017-04-07		15482367	United States of America	ASSIGNING NODES TO SHARDS BASED ON A FLOW GRAPH MODEL
90410222	Granted	10067859	2017-04-12	2018-09-04	15486047	United States of America	Constructing test-centric model of application
90410520	Granted	10153981	2017-04-14	2018-12-11	15488230	United States of America	DETERMINING A MAXIMAL SIZE OF PACKETS
90384678	Granted	10209984	2017-04-19	2019-02-19	15491229	United States of America	IDENTIFYING A DEFECT DENSITY
90361485	Granted	10169223	2017-04-19	2019-01-01	15491542	United States of America	IDENTIFYING COMMITS ASSOCIATED WITH FAILED TESTS
90361470	Allowed		2017-04-25		15496282	United States of America	FORMAT PRESERVING ENCRYPTION OF FLOATING POINT DATA
90361475	Published		2017-04-25		15496285	United States of America	SECURE REPRESENTATION VIA A FORMAT PRESERVING HASH FUNCTION
90361465	Allowed		2017-04-25		15496287	United States of America	FORMAT PRESERVING ENCRYPTION OF OBJECT CODE
90361490	Published		2017-04-27		15498779	United States of America	CLUSTER MODEL TO PREDICT BUILD FAILURE
90352197	Application		2014-09-04		15500521	United States of America	DETERMINE PROTECTIVE MEASURE FOR DATA THAT MEETS CRITERIA
90352201	Granted	10310962	2014-09-24	2019-06-04	15500522	United States of America	INFRASTRUCTURE RULE GENERATION
90352210	Published		2014-09-25		15500523	United States of America	DETERMINE SECURE ACTIVITY OF APPLICATION UNDER TEST
90352214	Allowed		2014-09-29		15500527	United States of America	DETECTION OF EMAIL-RELATED VULNERABILITIES

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90122494	Granted	10318728	2014-12-16	2019-06-11	15500528	United States of America	DETERMINING PERMISSIBLE ACTIVITY BASED ON PERMISSIBLE ACTIVITY RULES
90352231	Granted	10182068	2014-11-26	2019-01-15	15500529	United States of America	DETERMINE VULNERABILITY USING RUNTIME AGENT AND NETWORK SNIFFER
90352235	Application		2014-10-27		15500530	United States of America	KEY SPLITTING
90352245	Application		2014-09-30		15500531	United States of America	STRING PROPERTY LABELS FOR STATIC ANALYSIS
90343703	Granted	10331894	2014-08-29	2019-06-25	15500532	United States of America	STATIC PROGRAM ANALYSIS IN AN OBJECT-RELATIONAL MAPPING
90353229	Published		2014-09-26		15502523	United States of America	ITEM RECOMENDATION
90343628	Published		2015-01-12		15504006	United States of America	DATA COMPARISON
90343624	Published		2014-12-23		15504011	United States of America	LOAD TESTING
90343671	Published		2015-04-01		15506393	United States of America	GRAPHS WITH NORMALIZED ACTUAL VALUE MEASUREMENTS AND BASELINE BANDS REPRESENTATIVE OF NORMALIZED MEASUREMENT RANGES
90343657	Granted	10241845	2015-02-27	2019-03-26	15507404	United States of America	APPLICATION EVENT TRACING
90343615	Published		2014-12-09		15508710	United States of America	SEPARATING TEST VERIFICATIONS FROM TEST EXECUTIONS
90343647	Granted	10289613	2015-02-24	2019-05-14	15509470	United States of America	ELEMENT IDENTIFIER GENERATION
90352679	Allowed		2014-09-23		15511940	United States of America	Event Log Analysis
90353794	Published		2014-09-25		15511986	United States of America	A REPORT COMPRISING A MASKED VALUE
90353803	Granted	10241808	2014-11-26	2019-03-26	15512900	United States of America	DETERMINING TEST APPLICATION EFFECTIVENESS
90353811	Granted	10466631	2014-09-30	2019-07-09	15512929	United States of America	METRICS AUTHORIZATION BASED ON A CERTIFICATE

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90377642	Application		2014-11-17		15515218	United States of America	LINKING AN ENTITY RELATING TO PRODUCT DEVELOPMENT TO A DOCUMENT PORTION
90353807	Granted	10042638	2014-09-30	2018-08-07	15515699	United States of America	EVALUATING DOCUMENTATION COVERAGE
90377633	Published		2014-09-30		15515719	United States of America	TOPOLOGY BASED MANAGEMENT OF SECOND DAY OPERATIONS
90377638	Published		2014-09-30		15515780	United States of America	TOPOLOGY BASED MANAGEMENT WITH STAGE AND VERSION POLICIES
90377646	Published		2014-11-14		15517212	United States of America	SATISFACTION METRIC FOR CUSTOMER TICKETS
90377664	Published		2017-04-24		15521489	United States of America	GROUPING EVENT REPORTS
90377653	Published		2014-11-24		15523527	United States of America	APPLICATION MANAGEMENT BASED ON DATA CORRELATIONS
90377712	Application		2014-11-24		15523578	United States of America	Detection of User Interface Layout Changes
90377668	Published		2014-10-30		15523647	United States of America	RESOURCE CONSUMING TASKS SCHEDULER
90377673	Application		2014-11-04		15524411	United States of America	WEB SERVICES GENERATION BASED ON CLIENT-SIDE CODE
90377687	Granted	100911311	2014-11-04	2018-10-02	15524473	United States of America	SMART LOCATION DETERMINATION
90377728	Published		2014-12-01		15527547	United States of America	STATUSES OF EXIT CRITERIA
90377732	Granted	10310705	2014-12-05	2019-06-04	15529467	United States of America	MENU DISPLAY CONTROL
90377677	Published		2014-12-19		15531537	United States of America	AUTOMATIVE SYSTEM MANAGEMENT
90377708	Published		2014-12-12		15532982	United States of America	SCALABLE WEB DATA EXTRACTION
90377695	Published		2014-12-16		15534233	United States of America	DISPLAY A SUBSET OF OBJECTS ON A USER INTERFACE
90446017	Allowed		2014-12-19		15534258	United States of America	COLLABORATION WITH 3D DATA VISUALIZATIONS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90377682	Application		2014-12-16		15534281	United States of America	IDENTIFICATION OF A SET OF OBJECTS BASED ON A FOCAL OBJECT
90377691	Published		2014-12-17		15534733	United States of America	EVALUATING PERFORMANCE OF APPLICATIONS UTILIZING USER EMOTIONAL STATE PENALTIES
90377657	Published		2014-12-22		15535235	United States of America	EXECUTION OF INTERACTION FLOWS
90377736	Published		2014-12-22		15535615	United States of America	IDENTIFICATION OF APPLICATION MESSAGE TYPES
90377720	Published		2014-12-23		15536427	United States of America	AUTOMATICALLY RERUNNING TEST EXECUTIONS
90377724	Published		2014-12-23		15536704	United States of America	SIMULATION OF A SYNCHRONIZATION OF RECORDS
90445952	Granted	10338910	2015-01-05	2019-07-02	15539885	United States of America	MULTI-TENANT UPGRADING
90445956	Application		2015-01-16		15540086	United States of America	ROOT CAUSE ANALYSIS OF NON-DETERMINISTIC TESTS
90446009	Published		2015-01-22		15543328	United States of America	SESSION KEY REPOSITORY
90445996	Published		2015-01-22		15543335	United States of America	IN-LINE EDITOR INSERTION
90445984	Published		2015-01-22		15543358	United States of America	INDEX WEIGHT CALCULATOR
90445988	Published		2015-01-28		15543609	United States of America	PRODUCT PORTFOLIO RATIONALIZATION
90445980	Published		2015-01-28		15543745	United States of America	DETECTING ANOMALOUS SENSOR DATA
90446004	Published		2015-01-29		15544133	United States of America	APPLICATION UPDATES
90445964	Published		2015-01-29		15544142	United States of America	APPLICATION RECORDING
90445944	Allowed		2015-01-29		15544287	United States of America	DEFECT REPORTING IN APPLICATION TESTING
90446029	Allowed		2015-01-30		15544338	United States of America	GENERATION OF DIGITAL DOCUMENTS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90445972	Published		2015-01-30		15544343	United States of America	COLLABORATIVE SECURITY LISTS
90446037	Published		2015-01-30		15544357	United States of America	PROTECTION AGAINST DATABASE INJECTION ATTACKS
90445976	Published		2015-01-29		15544639	United States of America	GPS COMPUTATION CYCLING
90445968	Published		2015-01-30		15544671	United States of America	IDENTIFYING HEARTBEAT MESSAGES
90446021	Published		2015-01-30		15545008	United States of America	UPDATES TO A PREDICTION MODEL USING STATISTICAL ANALYSIS GROUPS
90445960	Published		2015-01-30		15545099	United States of America	COLLABORATIVE INVESTIGATION OF SECURITY INDICATORS
90446013	Published		2015-02-12		15545820	United States of America	APPLYING A DEGREE OF TRANSPARENCY
90446041	Published		2015-02-24		15545826	United States of America	USING FUZZY INFERENCE TO DETERMINE LIKELIHOOD THAT FINANCIAL ACCOUNT SCENARIO IS ASSOCIATED WITH ILLEGAL ACTIVITY
90446000	Published		2015-02-23		15546066	United States of America	NAVIGATION MENU BASED ON CROWD DATA
90445992	Published		2015-02-26		15546072	United States of America	OBTAINING TRANSLATIONS UTILIZING TEST STEP AND SUBJECT APPLICATION DISPLAYS
92001669	Published		2015-03-18		15553278	United States of America	AUTOMATIC DETECTION OF OUTLIERS IN MULTIVARIATE DATA
92001628	Published		2015-03-12		15555417	United States of America	DATABASE RECORDS ASSOCIATED WITH A TRIE
92001608	Published		2015-03-20		15555634	United States of America	BASE USER DEFINED FUNCTIONS
92001742	Published		2017-09-06		15556089	United States of America	ANALYSIS OF INFORMATION IN A COMBINATION OF A STRUCTURED DATABASE AND AN UNSTRUCTURED DATABASE

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92001750	Published		2015-03-20		15556193	United States of America	SUGGESTIONS FOR DIGITAL FORMS
92001746	Published		2015-03-25		15556625	United States of America	STANDARDIZED CUSTOM SURVEYS
92001604	Published		2015-03-27		15557890	United States of America	OPTIMIZE QUERY BASED ON UNIQUE ATTRIBUTE
92001579	Published		2015-03-31		15558659	United States of America	INFERRING A NETWORK TOPOLOGY
92001857	Published		2015-04-10		15559207	United States of America	HIDDEN DYNAMIC SYSTEMS
92001596	Published		2015-04-10		15559642	United States of America	MODIFYING WEB PAGE CODE TO INCLUDE CODE TO PROTECT OUTPUT
92001624	Published		2015-04-13		15559650	United States of America	SOCIAL PREDICTION
92001636	Granted	10248548	2015-04-15	2019-04-02	15560571	United States of America	CODE COVERAGE INFORMATION
92001762	Published		2015-04-20		15561564	United States of America	SECURITY INDICATOR SCORES
92001673	Granted	10341381	2015-04-29	2019-07-02	15562563	United States of America	INHIBITING ELECTROMAGNETIC FIELD-BASED EAVESDROPPING
92001689	Application		2015-04-29		15563124	United States of America	INCREMENTALLY UPDATING A DATABASE STATISTIC
92001644	Application		2015-04-30		15564272	United States of America	CONSOLIDATED METADATA IN DATABASES
92001665	Granted	10372513	2015-04-30	2019-08-06	15564541	United States of America	CLASSIFICATION OF APPLICATION EVENTS USING CALL STACKS
92001657	Allowed		2015-04-30		15564552	United States of America	MONITORING APPLICATION OPERATIONS USING USER INTERACTION TIMES
92001681	Published		2015-04-30		15564573	United States of America	IDENTIFYING GROUPS
92001714	Allowed		2015-04-29		15564910	United States of America	TREND CORRELATIONS
92001710	Published		2015-04-30		15565521	United States of America	DYNAMIC FUNCTION INVOCATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92001730	Published		2015-04-30		15565533	United States of America	DETECTING TRANSITIONS
92001754	Allowed		2015-04-30		15566840	United States of America	APPLICATION TESTING
92001588	Published		2015-05-01		15567531	United States of America	SECURE MULTI-PARTY INFORMATION RETRIEVAL
92001722	Published		2015-05-04		15568099	United States of America	DETERMINING IDLE TESTING PERIODS
92001569	Application		2015-04-30		15569206	United States of America	AGGGREGATION BASED EVENT IDENTIFICATION
92001697	Published		2015-05-19		15570878	United States of America	DATABASE COMPARISON OPERATION TO IDENTIFY AN OBJECT
92001701	Published		2015-05-19		15571123	United States of America	UPDATING INFERENCE GRAPH ABSENT NODE LOCKING
92001778	Allowed		2015-05-21		15573967	United States of America	APPLICATION THREAD VISUALIZATION
92001718	Published		2015-05-28		15574370	United States of America	DETERMINING POTENTIAL TEST ACTIONS
92001632	Granted	10275240	2015-05-28	2019-04-30	15574387	United States of America	DEPENDENCY RANK BASED ON COMMIT HISTORY
92001798	Published		2015-05-28		15574628	United States of America	SECURITY VULNERABILITY DETECTION
92001844	Published		2015-05-31		15575404	United States of America	TESTING APPLICATIONS USING VIRTUAL REALITY
92001824	Allowed		2015-06-04		15578753	United States of America	DETERMINING LOCATION OF WIRELESS-ENABLED DEVICE
92001828	Allowed		2015-06-17		15579369	United States of America	POINTING ACTION
92001820	Published		2015-06-23		15580430	United States of America	RECOMMENDING ANALYTIC TASKS BASED ON SIMILARITY OF DATASETS
92004703	Application		2016-03-11		15580444	United States of America	CONTROLLING APPLICATION DEPLOYMENT BASED ON LIFECYCLE STAGE

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90334113	Published		2017-04-28		15581953	United States of America	STITCHING MAPS GENERATED USING SIMULTANEOUS LOCALIZATION AND MAPPING
90425310	Published		2017-05-01		15583667	United States of America	DATA PARTIONING BASED ON END USER BEHAVIOR
90427935	Published		2017-05-05		15588391	United States of America	SCANNING INFORMATION TECHNOLOGY (IT) COMPONENTS FOR COMPLIANCE
90334955	Granted	103464443	2017-05-09	2019-07-09	15590148	United States of America	MANAGING SERVICE INSTANCES
90361460	Published		2017-05-16		15596042	United States of America	ANOMALOUS ENTITY DETERMINATIONS
90361910	Published		2017-05-16		15596041	United States of America	RISK SCORES FOR ENTITIES
90361925	Published		2017-05-22		15600969	United States of America	PROCESSING EVENT DATA PROVIDED BY COMPONENTS OF PAYMENT NETWORKS TO DETERMINE ISSUES
90323351	Published		2017-05-22		15601548	United States of America	FORMAT PRESERVING ENCRYPTION WITH PADDING
90361930	Application		2017-05-24		15603675	United States of America	ACCESS CONTROL VALUES
90444326	Granted	10243679	2017-05-25	2019-03-26	15605345	United States of America	VULNERABILITY DETECTION
90361955	Published		2017-06-08		15617048	United States of America	DETECTION OF CROSS-SITE ATTACKS USING RUNTIME ANALYSIS
90415447	Published		2017-06-13		15621263	United States of America	GENERATING A SUMMARY BASED ON READABILITY
90371473	Granted	10324624	2017-06-26	2019-06-18	15633149	United States of America	DECOMMISSIONING OF SOURCE STORAGES
90452310	Granted	10303562	2017-06-29	2019-05-28	15638040	United States of America	USING METADATA EXTRACTED FROM PROXY FILES TO ACCESS DATA STORED IN SECONDARY STORAGE
90421513	Published		2017-07-11		15647049	United States of America	AGGREGATING METRIC SCORES
92000459	Published		2017-07-20		15655726	United States of America	IDENTIFYING A COMMON ACTION FLOW

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90425888	Published		2017-07-26		15660348	United States of America	RESOURCE MANAGEMENT IN A CLOUD ENVIRONMENT
90371498	Published		2017-08-11		15675472	United States of America	DISTINGUISH PHRASES IN DISPLAYED CONTENT
90319963	Application		2017-08-14		15676343	United States of America	FORWARDING SERVICE REQUESTS FROM OUTBOUND PROXY SERVERS TO REMOTE SERVERS INSIDE OF FIREWALLS
92001496	Published		2017-08-16		15678451	United States of America	JAVASCRIPT SECURITY TESTING
90452008	Application		2017-08-17		15680092	United States of America	TEST RELEVANCY PREDICTION FOR CODE CHANGES
92001490	Published		2017-08-18		15680418	United States of America	DOCUMENT OBJECT MODEL TRANSACTION CRAWLER
92001500	Allowed		2017-08-25		15686388	United States of America	JAVASCRIPT PATH ENUMERATION
90448725	Published		2017-08-28		15688144	United States of America	DATABASE COLUMN REFRESH VIA REPLACEMENT
90448729	Published		2017-08-29		15689043	United States of America	UNAUTHORIZED AUTHENTICATION EVENTS
90448733	Published		2017-08-29		15689045	United States of America	EXTRACTING FEATURES FOR AUTHENTICATION EVENTS
90448747	Published		2017-08-29		15689047	United States of America	TRAINING MODELS BASED ON BALANCED TRAINING DATA SETS
90447027	Published		2017-08-30		15691334	United States of America	REDACTING CORE DUMPS BY IDENTIFYING MODIFIABLE PARAMETERS
90361950	Published		2017-08-31		15692581	United States of America	QUARANTINING ELECTRONIC MESSAGES BASED ON RELATIONSHIPS AMONG ASSOCIATED ADDRESSES
90448738	Published		2017-08-31		15692655	United States of America	DETECTING ANOMALOUS ENTITIES
90447669	Published		2017-08-31		15693026	United States of America	FLOATING POINT COHORT BASED ENCRYPTION
90447031	Published		2017-08-31		15693043	United States of America	GEOGRAPHICAL TRACK DATA OBFUSCATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90447011	Published		2017-08-31		15693067	United States of America	PUSH CONTROL
90447007	Published		2017-08-31		15693175	United States of America	CONTINUOUS INTEGRATION AND CONTINUOUS DEPLOYMENT SYSTEM FAILURE ANALYSIS AND RESOLUTION
90448719	Published		2017-08-31		15693189	United States of America	ENTITY VIEWPOINT DETERMINATIONS
90448711	Published		2017-08-31		15693327	United States of America	TWEAK-BASED STRING ENCRYPTION
90448105	Published		2017-09-29		15720777	United States of America	FORMAT PRESERVING ENCRYPTION UTILIZING A KEY VERSION
90448519	Published		2017-09-29		15720857	United States of America	HASH OFFSET BASED KEY VERSION EMBEDDING
90448276	Published		2017-09-29		15720910	United States of America	ZONE BASED KEY VERSION ENCODING
90447035	Published		2017-09-29		15721157	United States of America	SORT FUNCTION RACE
92001774	Published		2015-06-26		15737878	United States of America	ALERTS FOR COMMUNITIES OF A SECURITY INFORMATION SHARING PLATFORM
92001770	Published		2015-06-26		15737864	United States of America	SHARING OF COMMUNITY-BASED SECURITY INFORMATION
92001786	Application		2015-07-09		15742677	United States of America	STAGED APPLICATION ROLLOUT
92001815	Published		2015-07-13		15744088	United States of America	METRIC CORRELATION
92001738	Allowed		2015-07-15		15744092	United States of America	DETERMINING SEVERITY OF APPLICATION CRASHES
92001806	Published		2015-07-28		15745566	United States of America	Component Profile Display
92001832	Published		2015-07-29		15746160	United States of America	CONTEXT ORIENTED TRANSLATION
92001836	Granted	10324829	2015-07-30	2019-06-18	15747297	United States of America	APPLICATION TESTING

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92007605	Granted	103365995	2015-08-04	2019-07-30	15749639	United States of America	COMPOSING FUTURE APPLICATION TESTS INCLUDING TEST ACTION DATA
92007601	Application		2015-08-04		15749657	United States of America	SELECTIVE APPLICATION TESTING
92007633	Published		2015-08-07		15750630	United States of America	IDENTIFYING SHORTEST PATHS
92007641	Application		2015-08-07		15750654	United States of America	ANNOTATED QUERY GENERATOR
92007637	Published		2015-08-11		15751265	United States of America	DISTRIBUTE EXECUTION OF USER-DEFINED FUNCTION
92007613	Published		2015-08-12		15751279	United States of America	ASSIGNING CLASSIFIERS TO CLASSIFY SECURITY SCAN ISSUES
92007609	Published		2015-08-12		15751289	United States of America	RETRAINING A MACHINE CLASSIFIER BASED ON AUDITED ISSUE DATA
92007621	Application		2015-08-12		15751614	United States of America	TRAINING A SECURITY SCAN CLASSIFIER TO LEARN AN ISSUE PREFERENCE OF A HUMAN AUDITOR
92007617	Granted	103365901	2015-08-14	2019-07-30	15752021	United States of America	DYNAMIC LEXER OBJECT CONSTRUCTION
92007629	Allowed		2015-08-14		15752044	United States of America	DYNAMIC BUILD PIPELINE EXECUTION
92007625	Published		2015-08-18		15752981	United States of America	USER INTERFACE BEHAVIOR BASED RULES GENERATION
92007649	Published		2015-08-31		15753255	United States of America	GENERATING A COMBINED ENTITY WORKFLOW
92008891	Published		2015-08-31		15753338	United States of America	MESSAGE BASED INFORMATION TECHNOLOGY SERVICE MANAGEMENT
92008095	Published		2015-09-04		15756902	United States of America	CLASSIFIER
92008873	Published		2015-09-04		15757178	United States of America	GRAPH DATABASE MANAGEMENT
92008062	Published		2015-09-08		15758284	United States of America	AUTOMATIC REGRESSION IDENTIFICATION
92008878	Application		2015-09-11		15758825	United States of America	GRAPH DATABASE AND RELATIONAL DATABASE MAPPING

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92008933	Published		2015-09-23		15760378	United States of America	GRAPH DATABASE QUERY CLASSIFICATION
92008057	Published		2015-09-19		15760521	United States of America	DETERMINING OUTPUT PRESENTATION TYPE
92008053	Published		2015-09-25		15760983	United States of America	ASSOCIATIONS AMONG DATA RECORDS IN A SECURITY INFORMATION SHARING PLATFORM
92008082	Application		2015-09-25		15760996	United States of America	Defect Assessment
92008941	Published		2016-04-01		15761188	United States of America	DIMENSION DATA INSERTION INTO A DIMENSION TABLE
92008111	Published		2015-09-25		15762351	United States of America	SETUP FILE SYSTEM WITHOUT EDITING KERNEL CODE
92008116	Published		2015-09-25		15762586	United States of America	QUERIES BASED ON RANGES OF HASH VALUES
92008107	Published		2015-09-28		15763253	United States of America	THREAT SCORE DETERMINATION
92008074	Published		2015-09-02		15765297	United States of America	GEO-POSITIONING INFORMATION INDEXING
92008086	Published		2015-10-08		15765919	United States of America	COMPARING SCRIPTS
92008120	Published		2015-10-09		15765944	United States of America	PERFORMANCE TRACKING IN A SECURITY INFORMATION SHARING PLATFORM
92008124	Published		2015-10-09		15766137	United States of America	PRIVACY PRESERVATION
92008929	Published		2015-10-09		15766655	United States of America	GENERATING COHORTS USING AUTOMATED WEIGHTING AND MULTI-LEVEL RANKING
92008091	Published		2015-10-20		15769588	United States of America	USING MACHINE LEARNING REGRESSION TO ESTIMATE TIME FOR COMPLETING APPLICATION LIFECYCLE MANAGEMENT WORK ITEM
92008066	Published		2015-10-29		15770899	United States of America	MODELS BASED ON DATA AUGMENTED WITH CONCEIVABLE TRANSITIONS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92008070	Published		2015-10-30		15770919	United States of America	DETERMINING DISTANCES BETWEEN REAL-WORLD ENTITIES MODELED AS GEOMETRIC SHAPES
92008103	Published		2015-10-29		15770951	United States of America	USER INTERACTION LOGIC CLASSIFICATION
92008099	Published		2015-10-30		15771016	United States of America	FUZZY LOGIC BASED RESENDING ORDER OF NOT SUCCESSFULLY PROCESSED REQUESTS
92008937	Published		2015-10-30		15771037	United States of America	Information Technology Analytics
92010532	Published		2015-11-04		15773010	United States of America	DIRECT CONNECTION LIMITATION BASED ON A PERIOD OF TIME
92010564	Published		2015-11-04		15773348	United States of America	DYNAMIC SCHEMA TYPING
92010580	Published		2015-11-04		15773395	United States of America	PROCESSING DATA BETWEEN DATA STORES
92010528	Published		2015-11-12		15774819	United States of America	CLASSIFICATION MODELS FOR BINARY CODE DATA
92010540	Published		2015-11-13		15775198	United States of America	DETECTING VULNERABILITIES IN A WEB APPLICATION
92010536	Published		2015-11-13		15775324	United States of America	AUTOMATED MULTI-CREDENTIAL ASSESSMENT
92010552	Published		2015-11-17		15776321	United States of America	PRIVACY RISK ASSESSMENTS
92010524	Published		2015-11-19		15776567	United States of America	PREDICTION MODELS FOR CONCURRENCY CONTROL TYPES
92010596	Published		2015-11-30		15778073	United States of America	GENERATING APPLICATION FLOW ENTITIES
92010632	Published		2015-11-30		15778459	United States of America	ALIGNMENT AND DEDUPLICATION OF TIME-SERIES DATASETS
92010520	Published		2015-12-09		15781929	United States of America	SOFTWARE DEVELOPMENT MANAGEMENTS
92003271	Allowed		2017-10-17		15786353	United States of America	CODE COVERAGE TESTING UTILIZING TEST-TO-FILE MAPS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92003267	Published		2017-10-24		15792028	United States of America	DETECTING VULNERABILITIES IN APPLICATIONS DURING EXECUTION
90448742	Published		2017-10-30		15796986	United States of America	DETECTING ANOMOLOUS NETWORK ACTIVITY BASED ON SCHEDULED DARK NETWORK ADDRESSES
92004210	Allowed		2017-10-31		15798860	United States of America	APPLICATION DEPLOYMENT ON MULTIPLE PLATFORMS
92003275	Published		2017-10-31		15799575	United States of America	Vulnerability Scanning of Attack Surfaces
90448715	Published		2017-10-31		15800008	United States of America	ENCODING ABELIAN VARIETY-BASED CIPHERTEXT WITH METADATA
92006142	Published		2017-12-11		15837724	United States of America	OPTIMISTIC CONCURRENCY CONTROL FOR DATABASE TRANSACTIONS
92003316	Published		2017-12-13		15841124	United States of America	DISPLAY OF NETWORK ACTIVITY DATA
92003320	Allowed		2017-12-13		15841137	United States of America	NETWORK TRAFFIC DATA SUMMARIZATION
92006104	Published		2018-01-04		15862346	United States of America	ANONYMIZATION OF DATA FIELDS IN TRANSACTIONS
92006653	Published		2018-01-08		15864246	United States of America	MERGING DATA FROM A SOURCE LOCATION INTO A TARGET LOCATION
90447003	Published		2018-01-17		15873778	United States of America	SERVICE MANAGEMENT AND PROVISIONING
90361480	Published		2018-01-18		15874831	United States of America	WIDGET-OF-INTEREST IDENTIFICATION
92003326	Application		2018-01-29		15882952	United States of America	SEPARATE CRYPTOGRAPHIC KEYS FOR MULTIPLE MODES
92006154	Application		2018-01-31		15884978	United States of America	INDICATING MALWARE GENERATED DOMAIN NAMES USING N-GRAMS
92006158	Application		2018-01-31		15884983	United States of America	INDICATING MALWARE GENERATED DOMAIN NAMES USING DIGITS
92006162	Application		2018-01-31		15884988	United States of America	MALWARE-INFECTED DEVICE IDENTIFICATIONS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92006146	Published		2018-01-31		15885560	United States of America	TIMESTAMP ORDER-PRESERVING ENCRYPTION OF NETWORK TRAFFIC TRACES
92003283	Application		2018-02-26		15904495	United States of America	PREDICTING ISSUES BEFORE OCCURRENCE, DETECTION, OR REPORTING OF THE ISSUES
92006186	Application		2018-03-06		15913523	United States of America	CYCLE WALKING-BASED TOKENIZATION
92008305	Published		2018-03-13		15920192	United States of America	CHATBOT VERSION COMPARISON
92008887	Application		2018-03-20		15926296	United States of America	STATISTICAL PROPERTY PRESERVING PSEUDONYMIZATION
92006182	Application		2018-03-20		15926392	United States of America	CONVERTING PLAINTEXT VALUES TO PSEUDONYMS USING A HASH FUNCTION
92006178	Application		2018-03-20		15926425	United States of America	DETERMINING PSEUDONYM VALUES USING TWEAK-BASED ENCRYPTION
92008883	Application		2018-03-20		15926460	United States of America	PERTURBATION-BASED ORDER PRESERVING PSEUDONYMIZATION OF DATA
92006170	Application		2018-03-28		15938624	United States of America	IDENTIFICATION OF INPUT FEATURES USED BY MACHINE LEARNING MODEL IN PROVIDING OUTPUT SCORE
92008758	Application		2018-03-29		15939902	United States of America	DIRECTED DATA INDEXING BASED ON CONCEPTUAL RELEVANCE
92008754	Application		2018-04-23		15959461	United States of America	UNAUTHORIZED AUTHENTICATION EVENT DETECTION
92008767	Application		2018-04-23		15959600	United States of America	SYNCHRONOUS OPERATION METHOD PERFORMANCE IN CONTEXT OF ASYNCHRONOUS EVENT LOOP
92008762	Application		2018-04-23		15960047	United States of America	INFORMATION TECHNOLOGY EVENT MANAGEMENT

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92008779	Application		2018-04-25		15962790	United States of America	ENCRYPTED COMMUNICATION CHANNELS FOR DISTRIBUTED DATABASE SYSTEMS
92008771	Application		2018-04-26		15963336	United States of America	DETERMINING POTENTIALLY MALWARE GENERATED DOMAIN NAMES
92007452	Published		2018-05-03		15970117	United States of America	ORDERING OF INTERFACE ADAPTERS IN VIRTUAL MACHINES
92008775	Application		2018-05-07		15973189	United States of America	MACHINE LEARNING-BASED SECURITY THREAT INVESTIGATION GUIDANCE
92013622	Application		2016-02-18		15999111	United States of America	VISUALIZATIONS OF COMPUTER PROGRAM TRANSACTIONS
92013654	Application		2016-02-19		15999250	United States of America	ENCRYPTION METHODS
92004432	Published		2018-08-07		16057289	United States of America	COMBINING PIPELINES FOR A STREAMING DATA SYSTEM
92010592	Published		2015-12-18		16061118	United States of America	TEST EXECUTION COMPARISONS
92010548	Application		2015-12-22		16061547	United States of America	PRIVACY RISK INFORMATION DISPLAY
92010628	Published		2016-01-05		16067739	United States of America	RESOURCE REQUESTS
92010637	Published		2016-01-08		16068001	United States of America	TIME SERIES TRENDS
92010560	Published		2016-01-11		16068551	United States of America	POPULARITY-BASED PROMOTION OF APPLICATION FEATURES
92010568	Published		2016-01-12		16068782	United States of America	DETERMINING VISUAL TESTING COVERAGES
92010608	Published		2016-01-13		16069057	United States of America	DETERMINING A FUNCTIONAL STATE OF A SYSTEM UNDER TEST
92010600	Published		2016-01-19		16069661	United States of America	IMPAIRMENT IN AN APPLICATION TEST EXECUTION
92010544	Published		2016-01-21		16069673	United States of America	DETECTING PHYSICAL PENETRATION OF SECURE DEVICE
92010556	Published		2016-01-25		16070008	United States of America	CONFIRMATION MESSAGE DETERMINATIONS

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92010604	Published		2016-01-25		16070420	United States of America	COORDINATING OPERATION OF A NUMBER OF DIFFERENT MODULES
92010624	Application		2016-01-25		16070655	United States of America	PROTECTING DATA OF A PARTICULAR TYPE
92010572	Published		2016-01-27		16070676	United States of America	RECOMMENDATIONS BASED ON THE IMPACT OF CODE CHANGES
92010584	Published		2016-01-29		16070866	United States of America	COMMUNITIES ON A SECURITY INFORMATION SHARING PLATFORM
92010588	Published		2016-01-29		16070878	United States of America	ENCRYPTION OF COMMUNITY-BASED SECURITY INFORMATION
92010616	Published		2016-01-29		16070895	United States of America	Text Search of Database with One-Pass Indexing Including Filtering
92010620	Application		2016-01-29		16071364	United States of America	TEXT SEARCH OF DATABASE WITH ONE-PASS INDEXING
92010641	Application		2016-01-29		16071721	United States of America	ERROR BLOCK DETERMINATION
92010576	Published		2016-01-30		16071767	United States of America	LOG EVENT CLUSTER ANALYTICS MANAGEMENT
92013566	Published		2016-02-05		16074631	United States of America	USER INTEREST AND RELATIONSHIP DETERMINATION
92013602	Published		2016-02-05		16074890	United States of America	EXTENDED CIPHERTEXTS
92013570	Published		2016-02-08		16075846	United States of America	GENERATING RECOMMENDED INPUTS
92013554	Application		2016-02-12		16076274	United States of America	SOURCE ENTITIES OF SECURITY INDICATORS
92013558	Published		2016-02-12		16076948	United States of America	VISUALIZATION OF ASSOCIATIONS AMONG DATA RECORDS IN A SECURITY INFORMATION SHARING PLATFORM
92013562	Published		2016-02-12		16077233	United States of America	STRENGTH OF ASSOCIATIONS AMONG DATA RECORDS IN A SECURITY INFORMATION SHARING PLATFORM
92013594	Application		2016-02-16		16077591	United States of America	CLASSIFICATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92013586	Published		2016-02-17		16077899	United States of America	ENVIRONMENT SIMULATIONS
92013578	Published		2016-02-24		16078240	United States of America	APPLICATION CONTENT DISPLAY AT TARGET SCREEN RESOLUTIONS
92013638	Application		2016-04-08		16078277	United States of America	STRUCTURED DATA ARCHIVAL WITH REDUCED DOWNTIME
92013598	Published		2016-02-26		16078777	United States of America	SCAN ADAPTATION DURING SCAN EXECUTION
92013614	Published		2016-02-26		16079738	United States of America	SIMILARITY SCORES OF RULES IN INFORMATION TECHNOLOGY WORKFLOWS
92013618	Published		2016-02-26		16079752	United States of America	DIFFERENCES IN HIERARCHICAL LEVELS OF INFORMATION TECHNOLOGY WORKFLOWS
92013590	Published		2016-03-07		16082422	United States of America	SIMULATION ENVIRONMENT CREATION
92013606	Published		2016-03-18		16083668	United States of America	PLAINTEXTS ENCRYPTED WITH PLURALITIES OF KEYS
92013630	Application		2016-03-18		16084081	United States of America	ASSISTING A SCANNING SESSION
92013634	Published		2016-03-18		16084408	United States of America	DATA OBJECTS ASSOCIATED WITH PRIVATE SET INTERSECTION (PSI)
92013582	Application		2016-03-23		16086176	United States of America	COMPARABLE USER INTERFACE OBJECT IDENTIFICATIONS
92013642	Published		2016-03-28		16086474	United States of America	CODE COVERAGE THRESHOLDS FOR CODE SEGMENTS BASED ON USAGE FREQUENCY AND CHANGE FREQUENCY
92013626	Published		2016-04-12		16092128	United States of America	APPLICATION PERFORMANCE MONITORING
92013574	Published		2016-04-15		16092522	United States of America	REMOVING WILDCARD TOKENS FROM A SET OF WILDCARD TOKENS FOR A SEARCH QUERY
92013650	Published		2016-04-20		16092926	United States of America	REPLACING A SUBSET OF DIGITS IN A SEQUENCE

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92013610	Published		2016-04-22		16093832	United States of America	AUTHORIZATION OF USE OF CRYPTOGRAPHIC KEYS
92013646	Application		2016-04-22		16094052	United States of America	DETERMINING PROBABLE ROOT CAUSE OF PERFORMANCE ISSUES
92014797	Application		2018-10-04		16151851	United States of America	COMPOSITE METADATA OBJECTS FOR DATABASE SYSTEMS
92014793	Application		2018-10-25		16170105	United States of America	CHAIN OF EVENTS REPRESENTING AN ISSUE BASED ON AN ENRICHED REPRESENTATION
92017819	Published		2018-11-02		16179615	United States of America	STORING DATA OBJECTS USING DIFFERENT REDUNDANCY SCHEMES
92017722	Published		2018-11-07		16183544	United States of America	APPLICATION-AWARE VIRTUAL MACHINE BACKUP
92011699	Application		2018-11-29		16204158	United States of America	DETECTION OF GRAPHICAL USER INTERFACE ELEMENT OF APPLICATION UNDERGOING FUNCTIONAL TESTING
92011703	Application		2018-12-06		16211850	United States of America	DYNAMICALLY DETERMINED ADAPTIVE TIMEOUT VALUE FOR DETECTING GRAPHICAL USER INTERFACE ELEMENT OF APPLICATION UNDERGOING FUNCTIONAL TESTING
92011707	Application		2018-12-18		16223291	United States of America	NATURAL LANGUAGE TRANSLATION-BASED ORCHESTRATION WORKFLOW GENERATION
92014829	Application		2018-12-20		16227750	United States of America	DEFENDING AGAINST DOMAIN NAME SYSTEM BASED ATTACKS
92014845	Application		2018-12-21		16231028	United States of America	AUTOMATED REMEDIATION OF INFORMATION TECHNOLOGY EVENTS
92011646	Application		2019-01-07		16240858	United States of America	WORKLOAD MIGRATION

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92014801	Application		2019-02-05		16268157	United States of America	PROCESSING QUERIES ASSOCIATED WITH MULTIPLE FILE TARGETS BASED ON IDENTIFIED PARTITION AND DATA CONTAINER OBJECTS
92028479	Application		2019-02-25		16284884	United States of America	CYBER ATTACK PREDICTION BASED ON DARK IP ADDRESS SPACE NETWORK TRAFFIC TO PLURAL CLIENT NETWORKS
92028495	Application		2019-03-05		16292990	United States of America	MACHINE LEARNING MODEL-BASED DYNAMIC PREDICTION OF ESTIMATED QUERY EXECUTION TIME TAKING INTO ACCOUNT OTHER, CONCURRENTLY EXECUTING QUERIES
92032016	Application		2019-03-11		16298378	United States of America	EXECUTION OF TESTING PROCESSES ON APPARATUSES
92028503	Application		2019-03-28		16368428	United States of America	AUTOMATIC LIVE-AGGREGATE PROJECTION REFRESH RESPONSIVE TO ON-DEMAND FLATTENED TABLE REFRESH
92028455	Application		2019-05-30		16426850	United States of America	MAPPING BETWEEN RAW ANOMALY SCORES AND TRANSFORMED ANOMALY SCORES
92028459	Application		2019-05-30		16426856	United States of America	VISUALIZATIONS REPRESENTING POINTS CORRESPONDING TO EVENTS
92028463	Application		2019-05-30		16426862	United States of America	AGGREGATING ANOMALY SCORES FROM ANOMALY DETECTORS
92014833	Application		2019-05-31		16428422	United States of America	MACHINE LEARNING-BASED NETWORK DEVICE PROFILING

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
92032020	Application		2019-05-31		16428694	United States of America	REPLACEMENT CODE IMPLEMENTING FULL-DUPLEX COMMUNICATION CHANNEL PROTOCOL FOR MESSAGE INTERCEPTION
92040333	Application		2019-06-04		16431528	United States of America	MAPPING DATA SOURCES TO STORAGE DEVICES BASED ON FUZZY LOGIC-BASED CLASSIFICATIONS
92039807	Application		2019-06-06		16433151	United States of America	DETERMINING WHETHER DOMAIN IS BENIGN OR MALICIOUS
92032012	Application		2019-06-11		16437962	United States of America	WEB APPLICATION LOGIN MACRO GENERATION AND VERIFICATION
92031984	Application		2019-06-13		16440624	United States of America	CAPABILITY LIVENESS OF CONTAINERIZED SERVICES
83019087	Granted	D732566	2012-06-01	2015-06-23	29423602	United States of America	COMPUTING DEVICE INCLUDING A COMPUTERGENERATED FEATURE SET FOR PROVIDING COLLABORATIVE RESOURCES.
83019099	Granted	D720361	2012-06-01	2014-12-30	29423604	United States of America	COMPUTING DEVICE DISPLAYING GRAPHICAL USER INTERFACE FOR PROVIDING COLLABORATIVE RESOURCES
83019112	Granted	D744537	2012-06-01	2015-12-01	29423605	United States of America	A COMPUTING DEVICE DISPLAYING A COMPUTER-GENERATED ICON REPRESENTING A COLLECTION OF RESOURCES (As Amended)
83097936	Granted	D704214	2012-10-31	2014-05-06	29436078	United States of America	Patient oriented hospital care approach and system
83186617	Granted	D735732	2013-03-12	2015-08-04	29448460	United States of America	Display Screen with Graphical User Interface (as amended)
84056073	Granted	D740846	2014-11-18	2015-10-13	29509514	United States of America	COMPUTING DEVICE DISPLAYING GRAPHICAL USER INTERFACE FOR PROVIDING COLLABORATIVE RESOURCES (as amended)

Patent ID	Status	Patent No.	Filed Date	Grant Date	Application Number	Country	App Title
90016894	Granted	D775176	2015-08-03	2016-12-27	29535083	United States of America	A DISPLAY SCREEN FOR DISPLAYING COLLABORATIVE RESOURCES ON A COMPUTING DEVICE