

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6094474

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the RECEIVING PARTY'S ADDRESS previously recorded on Reel 048547 Frame 0187. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.
<b>RESUBMIT DOCUMENT ID:</b>	505497376

**CONVEYING PARTY DATA**

Name	Execution Date
KABUSHIKI KAISHA TOSHIBA	02/28/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	TOSHIBA DIGITAL SOLUTIONS CORPORATION
<b>Street Address:</b>	72-34, HORIKAWA-CHO, SAIWAI-KU
<b>City:</b>	KAWASAKI-SHI, KANAGAWA
<b>State/Country:</b>	JAPAN

**PROPERTY NUMBERS Total: 232**

Property Type	Number
Application Number:	10054887
Application Number:	10083151
Application Number:	10083572
Application Number:	10107066
Application Number:	10108625
Application Number:	10228951
Application Number:	10230339
Application Number:	10294819
Application Number:	10352904
Application Number:	10373746
Application Number:	10384603
Application Number:	10445911
Application Number:	10639440
Application Number:	10926310
Application Number:	10935627
Application Number:	11008253
Application Number:	11053173
Application Number:	11182008
Application Number:	11210961

PATENT

<b>Property Type</b>	<b>Number</b>
Application Number:	11230540
Application Number:	11262919
Application Number:	11311429
Application Number:	11325427
Application Number:	11362224
Application Number:	11368406
Application Number:	11368618
Application Number:	11370105
Application Number:	11371947
Application Number:	11372035
Application Number:	11374976
Application Number:	11376130
Application Number:	11388131
Application Number:	11390164
Application Number:	11433404
Application Number:	11446961
Application Number:	11519811
Application Number:	11524621
Application Number:	11528558
Application Number:	11533122
Application Number:	11533963
Application Number:	11539434
Application Number:	11550236
Application Number:	11622216
Application Number:	11678378
Application Number:	11678457
Application Number:	11685907
Application Number:	11691054
Application Number:	11702182
Application Number:	11712412
Application Number:	11723409
Application Number:	11723410
Application Number:	11725566
Application Number:	11797939
Application Number:	11798276
Application Number:	11812837
Application Number:	11844064
Application Number:	11846042

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11855491
<b>Application Number:</b>	11892448
<b>Application Number:</b>	11896267
<b>Application Number:</b>	11896567
<b>Application Number:</b>	11896887
<b>Application Number:</b>	11898298
<b>Application Number:</b>	11898606
<b>Application Number:</b>	11905780
<b>Application Number:</b>	11924194
<b>Application Number:</b>	11950261
<b>Application Number:</b>	11954321
<b>Application Number:</b>	12007923
<b>Application Number:</b>	12010765
<b>Application Number:</b>	12017740
<b>Application Number:</b>	12019027
<b>Application Number:</b>	12028067
<b>Application Number:</b>	12032880
<b>Application Number:</b>	12037724
<b>Application Number:</b>	12040996
<b>Application Number:</b>	12045249
<b>Application Number:</b>	12046021
<b>Application Number:</b>	12046022
<b>Application Number:</b>	12050521
<b>Application Number:</b>	12050643
<b>Application Number:</b>	12068347
<b>Application Number:</b>	12068600
<b>Application Number:</b>	12100146
<b>Application Number:</b>	12170597
<b>Application Number:</b>	12207752
<b>Application Number:</b>	12210338
<b>Application Number:</b>	12212749
<b>Application Number:</b>	12233461
<b>Application Number:</b>	12233693
<b>Application Number:</b>	12234009
<b>Application Number:</b>	12234727
<b>Application Number:</b>	12244245
<b>Application Number:</b>	12244997
<b>Application Number:</b>	12327399

<b>Property Type</b>	<b>Number</b>
Application Number:	12357469
Application Number:	12360271
Application Number:	12360275
Application Number:	12390745
Application Number:	12393250
Application Number:	12393558
Application Number:	12407223
Application Number:	12407827
Application Number:	12419777
Application Number:	12437584
Application Number:	12472497
Application Number:	12503439
Application Number:	12505684
Application Number:	12539720
Application Number:	12545556
Application Number:	12558761
Application Number:	12559844
Application Number:	12560617
Application Number:	12581416
Application Number:	12712649
Application Number:	12763056
Application Number:	12880796
Application Number:	12885730
Application Number:	12885736
Application Number:	12887624
Application Number:	13010155
Application Number:	13046941
Application Number:	13048193
Application Number:	13051541
Application Number:	13053976
Application Number:	13071548
Application Number:	13100888
Application Number:	13118063
Application Number:	13207575
Application Number:	13208464
Application Number:	13216380
Application Number:	13231065
Application Number:	13232314

<b>Property Type</b>	<b>Number</b>
Application Number:	13232469
Application Number:	13232478
Application Number:	13232491
Application Number:	13232710
Application Number:	13235656
Application Number:	13237016
Application Number:	13274439
Application Number:	13276016
Application Number:	13310879
Application Number:	13357634
Application Number:	13359577
Application Number:	13377706
Application Number:	13412694
Application Number:	13413791
Application Number:	13420828
Application Number:	13420912
Application Number:	13422332
Application Number:	13423460
Application Number:	13428055
Application Number:	13533091
Application Number:	13533261
Application Number:	13535782
Application Number:	13535798
Application Number:	13535952
Application Number:	13540048
Application Number:	13601203
Application Number:	13608362
Application Number:	13609784
Application Number:	13617309
Application Number:	13625138
Application Number:	13670975
Application Number:	13675664
Application Number:	13716907
Application Number:	13728287
Application Number:	13728592
Application Number:	13729669
Application Number:	13731948
Application Number:	13753751

<b>Property Type</b>	<b>Number</b>
Application Number:	13755520
Application Number:	13765012
Application Number:	13766877
Application Number:	13799962
Application Number:	13836146
Application Number:	13852300
Application Number:	13854554
Application Number:	13859152
Application Number:	13860319
Application Number:	13921675
Application Number:	13928112
Application Number:	13933282
Application Number:	13960232
Application Number:	13966927
Application Number:	13968154
Application Number:	14039499
Application Number:	14058829
Application Number:	14135806
Application Number:	14162888
Application Number:	14169243
Application Number:	14169246
Application Number:	14186178
Application Number:	14191082
Application Number:	14193099
Application Number:	14200768
Application Number:	14206178
Application Number:	14270427
Application Number:	14301378
Application Number:	14455573
Application Number:	14456140
Application Number:	14485202
Application Number:	14490722
Application Number:	14493533
Application Number:	14495068
Application Number:	14563174
Application Number:	14574892
Application Number:	14597365
Application Number:	14606089

Property Type	Number
Application Number:	14616867
Application Number:	14644389
Application Number:	14644403
Application Number:	14658510
Application Number:	14661360
Application Number:	14669113
Application Number:	14739380
Application Number:	14748474
Application Number:	14834792
Application Number:	14845589
Application Number:	14848338
Application Number:	14848583
Application Number:	14938466
Application Number:	14970718
Application Number:	15058542
Application Number:	15064965
Application Number:	15150520
Application Number:	15157277
Application Number:	15185259
Application Number:	15408481
Application Number:	15433690
Application Number:	15450415
Application Number:	15704051

**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:** TM-US@dennemeyer-law.com

**Correspondent Name:** DENNEMEYER & ASSOCIATES

**Address Line 1:** 2 NORTH RIVERSIDE PLAZA

**Address Line 2:** SUITE 1500

**Address Line 4:** CHICAGO, ILLINOIS 60606

<b>ATTORNEY DOCKET NUMBER:</b>	US-PT-10163767
<b>NAME OF SUBMITTER:</b>	VICTORIA FRIEDMAN
<b>SIGNATURE:</b>	/Victoria Friedman/
<b>DATE SIGNED:</b>	05/06/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 19**

source=Original Cover Sheet and assignment-pat-48547-187#page1.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page2.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page3.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page4.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page5.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page6.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page7.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page8.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page9.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page10.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page11.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page12.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page13.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page14.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page15.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page16.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page17.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page18.tif  
source=Original Cover Sheet and assignment-pat-48547-187#page19.tif



## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5413177

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
KABUSHIKI KAISHA TOSHIBA	02/28/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	TOSHIBA DIGITAL SOLUTIONS CORPORATION
<b>Street Address:</b>	72-34, HORIKAWA-CHO, SAIWAI-KU
<b>City:</b>	KAWASAKI-SHI
<b>State/Country:</b>	JAPAN

**PROPERTY NUMBERS Total: 232**

Property Type	Number
Patent Number:	10157608
Patent Number:	10180810
Patent Number:	8185372
Patent Number:	6807642
Patent Number:	6889223
Patent Number:	7080320
Patent Number:	7272632
Patent Number:	7272717
Patent Number:	7277845
Patent Number:	7283137
Patent Number:	7295964
Patent Number:	7308332
Patent Number:	7328408
Patent Number:	7359338
Patent Number:	7401071
Patent Number:	7415722
Patent Number:	7433753
Patent Number:	7437266
Patent Number:	7460121
Patent Number:	7505895
Patent Number:	7519992

PATENT

<b>Property Type</b>	<b>Number</b>
Patent Number:	7526423
Patent Number:	7539763
Patent Number:	7580839
Patent Number:	7613602
Patent Number:	7664773
Patent Number:	7668935
Patent Number:	7680667
Patent Number:	7752032
Patent Number:	7792842
Patent Number:	7801726
Patent Number:	7814144
Patent Number:	7818173
Patent Number:	7822788
Patent Number:	7844447
Patent Number:	7870003
Patent Number:	7870296
Patent Number:	7873190
Patent Number:	7873508
Patent Number:	7904235
Patent Number:	7904291
Patent Number:	7937262
Patent Number:	7940960
Patent Number:	7949523
Patent Number:	7953592
Patent Number:	7953761
Patent Number:	7974831
Patent Number:	7974844
Patent Number:	7975220
Patent Number:	7979265
Patent Number:	7979438
Patent Number:	7983899
Patent Number:	7983912
Patent Number:	8001110
Patent Number:	8010362
Patent Number:	8019778
Patent Number:	8024174
Patent Number:	8032883
Patent Number:	8037403

**PATENT**

**REEL: 052595 FRAME: 0316**

<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8046225
<b>Patent Number:</b>	8051070
<b>Patent Number:</b>	8055495
<b>Patent Number:</b>	8055658
<b>Patent Number:</b>	8060359
<b>Patent Number:</b>	8078449
<b>Patent Number:</b>	8078462
<b>Patent Number:</b>	8082492
<b>Patent Number:</b>	8086561
<b>Patent Number:</b>	8090151
<b>Patent Number:</b>	8094884
<b>Patent Number:</b>	8099277
<b>Patent Number:</b>	8107688
<b>Patent Number:</b>	8108376
<b>Patent Number:</b>	8112438
<b>Patent Number:</b>	8117186
<b>Patent Number:</b>	8131080
<b>Patent Number:</b>	8135573
<b>Patent Number:</b>	8136117
<b>Patent Number:</b>	8170876
<b>Patent Number:</b>	8180104
<b>Patent Number:</b>	8204735
<b>Patent Number:</b>	8209074
<b>Patent Number:</b>	8209166
<b>Patent Number:</b>	8214197
<b>Patent Number:</b>	8214403
<b>Patent Number:</b>	8219381
<b>Patent Number:</b>	8229949
<b>Patent Number:</b>	8275603
<b>Patent Number:</b>	8275730
<b>Patent Number:</b>	8275781
<b>Patent Number:</b>	8275941
<b>Patent Number:</b>	8281304
<b>Patent Number:</b>	8306640
<b>Patent Number:</b>	8306823
<b>Patent Number:</b>	8311825
<b>Patent Number:</b>	8321208
<b>Patent Number:</b>	8327398

Property Type	Number
Patent Number:	8341243
Patent Number:	8346537
Patent Number:	8370103
Patent Number:	8370139
Patent Number:	8397291
Patent Number:	8401253
Patent Number:	8405712
Patent Number:	8407024
Patent Number:	8438033
Patent Number:	8438205
Patent Number:	8510111
Patent Number:	8510256
Patent Number:	8510311
Patent Number:	8510736
Patent Number:	8514262
Patent Number:	8532980
Patent Number:	8543630
Patent Number:	8553855
Patent Number:	8571874
Patent Number:	8583417
Patent Number:	8589390
Patent Number:	8590051
Patent Number:	8600163
Patent Number:	8626510
Patent Number:	8639518
Patent Number:	8650034
Patent Number:	8655641
Patent Number:	8655664
Patent Number:	8655818
Patent Number:	8676562
Patent Number:	8676578
Patent Number:	8719036
Patent Number:	8731933
Patent Number:	8738371
Patent Number:	8744836
Patent Number:	8752192
Patent Number:	8788621
Patent Number:	8812504

<b>Property Type</b>	<b>Number</b>
Patent Number:	8825485
Patent Number:	8868422
Patent Number:	8874590
Patent Number:	8898555
Patent Number:	8924195
Patent Number:	8943006
Patent Number:	8954333
Patent Number:	8965769
Patent Number:	8983847
Patent Number:	9002698
Patent Number:	9009051
Patent Number:	9014464
Patent Number:	9020821
Patent Number:	9036875
Patent Number:	9058807
Patent Number:	9076069
Patent Number:	9076436
Patent Number:	9086907
Patent Number:	9088854
Patent Number:	9092252
Patent Number:	9104638
Patent Number:	9129596
Patent Number:	9135910
Patent Number:	9154880
Patent Number:	9165183
Patent Number:	9166781
Patent Number:	9196253
Patent Number:	9207757
Patent Number:	9218794
Patent Number:	9224392
Patent Number:	9251808
Patent Number:	9256945
Patent Number:	9262408
Patent Number:	9262410
Patent Number:	9262717
Patent Number:	9264812
Patent Number:	9269347
Patent Number:	9275039

<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	9280967
<b>Patent Number:</b>	9285868
<b>Patent Number:</b>	9286891
<b>Patent Number:</b>	9304987
<b>Patent Number:</b>	9318093
<b>Patent Number:</b>	9330662
<b>Patent Number:</b>	9330682
<b>Patent Number:</b>	9330683
<b>Patent Number:</b>	9338049
<b>Patent Number:</b>	9361722
<b>Patent Number:</b>	9378301
<b>Patent Number:</b>	9384557
<b>Patent Number:</b>	9384563
<b>Patent Number:</b>	9405373
<b>Patent Number:</b>	9405966
<b>Patent Number:</b>	9412391
<b>Patent Number:</b>	9454963
<b>Patent Number:</b>	9460714
<b>Patent Number:</b>	9460718
<b>Patent Number:</b>	9466225
<b>Patent Number:</b>	9471830
<b>Patent Number:</b>	9478232
<b>Patent Number:</b>	9484012
<b>Patent Number:</b>	9489737
<b>Patent Number:</b>	9489944
<b>Patent Number:</b>	9489946
<b>Patent Number:</b>	9497562
<b>Patent Number:</b>	9507774
<b>Patent Number:</b>	9530431
<b>Patent Number:</b>	9563822
<b>Patent Number:</b>	9570067
<b>Patent Number:</b>	9588967
<b>Patent Number:</b>	9595261
<b>Patent Number:</b>	9600475
<b>Patent Number:</b>	9601106
<b>Patent Number:</b>	9619729
<b>Patent Number:</b>	9626338
<b>Patent Number:</b>	9628931

Property Type	Number
Patent Number:	9639779
Patent Number:	9646408
Patent Number:	9666179
Patent Number:	9672817
Patent Number:	9672820
Patent Number:	9679217
Patent Number:	9704040
Patent Number:	9747907
Patent Number:	9753566
Patent Number:	9754603
Patent Number:	9756447
Patent Number:	9779699
Patent Number:	9785633
Patent Number:	9786272
Patent Number:	9792894
Patent Number:	9798804
Patent Number:	9819860
Patent Number:	9830904
Patent Number:	10109286
Patent Number:	7233697
Application Number:	15408481

**CORRESPONDENCE DATA**

**Fax Number:** (312)340-1521

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 312-628-5529

**Email:** docket@dennemeyer-law.com

**Correspondent Name:** DENNEMEYER & ASSOCIATES, LLC

**Address Line 1:** 2 NORTH RIVERSIDE PLAZA, SUITE 1500

**Address Line 4:** CHICAGO, ILLINOIS 60606

<b>ATTORNEY DOCKET NUMBER:</b>	US-PT-10163767
<b>NAME OF SUBMITTER:</b>	ANA JUNEJA
<b>SIGNATURE:</b>	/Ana Juneja/
<b>DATE SIGNED:</b>	03/08/2019

**Total Attachments: 11**  
source=Recordal of Assignment#page1.tif  
source=Recordal of Assignment#page2.tif  
source=Recordal of Assignment#page3.tif  
source=Recordal of Assignment#page4.tif

source=Recordal of Assignment#page5.tif  
source=Recordal of Assignment#page6.tif  
source=Recordal of Assignment#page7.tif  
source=Recordal of Assignment#page8.tif  
source=Recordal of Assignment#page9.tif  
source=Recordal of Assignment#page10.tif  
source=Recordal of Assignment#page11.tif



ASSIGNMENT OF PATENTS

For good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, KABUSHIKI KAISHA TOSHIBA, an entity organized under the laws of Japan, having an address at 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan (Assignor), hereby sells, assigns, transfers and sets over, to TOSHIBA DIGITAL SOLUTIONS CORPORATION, having an address at 72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa, Japan (Assignee) and to the successors and assigns of Assignee, fifty percent (50%) of the right, title and undivided interest in the invention or improvements of the undersigned disclosed in the U.S. Patents and Patent Applications listed on the attached Appendix A to this Assignment for the full term or terms for which each of said Patents and any Patents granted from the listed Patent Applications, was or will be granted or may be reissued or extended, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made; together with all claims for damages by reason of past infringement of each of said Patents with the right to sue for and collect the same.

Assignor warrants itself to be the owner of the entire right, title and interest in said inventions, Letters Patents, Patent Applications and/or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned. Assignor hereby covenants that no other assignments, sales, agreements or encumbrances will be made or entered into which would conflict with this sale and assignment.

Assignor further covenants that Assignee will, upon its request and at the expense of Assignee, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patents, Patent Applications and legal equivalents as may be known and accessible to Assignor and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute or have executed, to the best of its ability, and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said applications, said inventions and said Letters Patents and foreign equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

KABUSHIKI KAISHA TOSHIBA

Feb. 28, 2019  
Date

By: *Ikuko ShimoGawara*  
Name: Ikuko SHIMOAWARA  
Title: General Manager, Intellectual Property Division

TOSHIBA DIGITAL SOLUTIONS CORPORATION

February 26, 2019  
Date

By: *Kaori Kitami*  
Name: Kaori KITAMI  
Title: Group Manager, Intellectual Property Group

## Appendix A

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
1. 15/408481		NAT
2. 15/433690	10157608	PCT
3. 15/450415	10180810	NAT
4. 11/519811	8185372	NAT
5. 10/230339	6807642	NAT
6. 10/107066	6889223	NAT
7. 10/054887	7080320	NAT
8. 10/083572	7272632	NAT
9. 10/373746	7272717	NAT
10. 10/294819	7277845	NAT
11. 11/210961	7283137	NAT
12. 10/639440	7295964	NAT
13. 11/372035	7308332	NAT
14. 10/384603	7328408	NAT
15. 10/228951	7359338	NAT
16. 10/935627	7401071	NAT
17. 10/352904	7415722	NAT
18. 11/798276	7433753	NAT
19. 11/390164	7437266	NAT
20. 11/797939	7460121	NAT
21. 11/433404	7505895	NAT
22. 10/445911	7519992	NAT
23. 11/905780	7526423	NAT

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
24. 10/083151	7539763	NAT
25. 11/533122	7580839	NAT
26. 11/388131	7613602	NAT
27. 11/053173	7664773	NAT
28. 10/926310	7668935	NAT
29. 11/311429	7680667	NAT
30. 11/325427	7752032	NAT
31. 11/855491	7792842	NAT
32. 11/550236	7801726	NAT
33. 11/844064	7814144	NAT
34. 11/230540	7818173	NAT
35. 11/896267	7822788	NAT
36. 11/678378	7844447	NAT
37. 11/376130	7870003	NAT
38. 12/407223	7870296	NAT
39. 11/702182	7873190	NAT
40. 11/368406	7873508	NAT
41. 12/007923	7904235	NAT
42. 11/370105	7904291	NAT
43. 11/812837	7937262	NAT
44. 11/924194	7940960	NAT
45. 11/685907	7949523	NAT
46. 11/362224	7953592	NAT
47. 11/846042	7953761	NAT

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
48. 11/368618	7974831	NAT
49. 11/712412	7974844	NAT
50. 11/524621	7975220	NAT
51. 11/262919	7979265	NAT
52. 11/371947	7979438	NAT
53. 11/008253	7983899	NAT
54. 11/374976	7983912	NAT
55. 12/207752	8001110	NAT
56. 12/017740	8010362	NAT
57. 12/046022	8019778	NAT
58. 11/539434	8024174	NAT
59. 12/763056	8032883	NAT
60. 11/622216	8037403	NAT
61. 12/068600	8046225	NAT
62. 12/212749	8051070	NAT
63. 11/896887	8055495	NAT
64. 12/419777	8055658	NAT
65. 11/446961	8060359	NAT
66. 11/723409	8078449	NAT
67. 12/244245	8078462	NAT
68. 11/182008	8082492	NAT
69. 12/032880	8086561	NAT
70. 11/950261	8090151	NAT
71. 12/390745	8094884	NAT

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
72. 11/725566	8099277	NAT
73. 12/019027	8107688	NAT
74. 12/407827	8108376	NAT
75. 12/234727	8112438	NAT
76. 12/360271	8117186	NAT
77. 11/954321	8131080	NAT
78. 12/050643	8135573	NAT
79. 12/100146	8136117	NAT
80. 12/210338	8170876	NAT
81. 12/010765	8180104	NAT
82. 12/360275	8204735	NAT
83. 12/068347	8209074	NAT
84. 12/050521	8209166	NAT
85. 11/898298	8214197	NAT
86. 12/560617	8214403	NAT
87. 11/691054	8219381	NAT
88. 12/437584	8229949	NAT
89. 11/896567	8275603	NAT
90. 12/558761	8275730	NAT
91. 12/357469	8275781	NAT
92. 13/100888	8275941	NAT
93. 12/233461	8281304	NAT
94. 12/393250	8306640	NAT
95. 12/046021	8306823	NAT

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
96. 12/244997	8311825	NAT
97. 12/327399	8321208	NAT
98. 11/533963	8327398	NAT
99. 12/581416	8341243	NAT
100. 11/528558	8346537	NAT
101. 12/539720	8370103	NAT
102. 11/723410	8370139	NAT
103. 11/678457	8397291	NAT
104. 13/232710	8401253	PCT
105. 12/233693	8405712	NAT
106. 12/885730	8407024	NAT
107. 12/505684	8438033	NAT
108. 12/393558	8438205	NAT
109. 12/028067	8510111	NAT
110. 12/885736	8510256	NAT
111. 12/170597	8510311	NAT
112. 13/118063	8510736	NAT
113. 12/712649	8514262	NAT
114. 12/887624	8532980	NAT
115. 13/854554	8543630	NAT
116. 13/232314	8553855	NAT
117. 13/423460	8571874	PCT
118. 13/413791	8583417	PCT
119. 13/274439	8589390	NAT

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
120. 13/276016	8590051	NAT
121. 13/359577	8600163	NAT
122. 12/559844	8626510	NAT
123. 13/540048	8639518	PCT
124. 13/208464	8650034	PCT
125. 13/310879	8655641	PCT
126. 13/207575	8655664	NAT
127. 13/010155	8655818	NAT
128. 11/892448	8676562	NAT
129. 13/071548	8676578	NAT
130. 13/048193	8719036	NAT
131. 13/860319	8731933	NAT
132. 11/898606	8738371	NAT
133. 13/231065	8744836	PCT
134. 12/545556	8752192	NAT
135. 12/045249	8788621	NAT
136. 13/216380	8812504	NAT
137. 13/377706	8825485	PCT
138. 12/880796	8868422	NAT
139. 12/472497	8874590	NAT
140. 12/040996	8898555	NAT
141. 12/234009	8924195	NAT
142. 13/533261	8943006	NAT
143. 12/037724	8954333	NAT

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
144. 13/625138	8965769	NAT
145. 13/535798	8983847	NAT
146. 13/859152	9002698	NAT
147. 13/053976	9009051	NAT
148. 13/731948	9014464	NAT
149. 13/235656	9020821	NAT
150. 14/169246	9036875	NAT
151. 13/051541	9058807	NAT
152. 13/046941	9076069	NAT
153. 13/852300	9076436	NAT
154. 13/608362	9086907	NAT
155. 13/428055	9088854	NAT
156. 13/609784	9092252	NAT
157. 13/601203	9104638	NAT
158. 13/535782	9129596	NAT
159. 13/765012	9135910	NAT
160. 13/921675	9154880	NAT
161. 14/169243	9165183	NAT
162. 13/928112	9166781	NAT
163. 13/960232	9196253	NAT
164. 13/675664	9207757	NAT
165. 14/186178	9218794	NAT
166. 13/420912	9224392	NAT
167. 13/412694	9251808	NAT



<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
168. 14/200768	9256945	NAT
169. 13/237016	9262408	NAT
170. 13/753751	9262410	NAT
171. 13/670975	9262717	NAT
172. 13/716907	9264812	NAT
173. 13/836146	9269347	NAT
174. 13/617309	9275039	PCT
175. 13/232478	9280967	NAT
176. 13/728592	9285868	NAT
177. 14/456140	9286891	NAT
178. 14/301378	9304987	NAT
179. 14/495068	9318093	NAT
180. 14/162888	9330662	NAT
181. 13/232469	9330682	NAT
182. 13/232491	9330683	NAT
183. 13/729669	9338049	NAT
184. 14/455573	9361722	NAT
185. 12/503439	9378301	NAT
186. 14/845589	9384557	NAT
187. 13/535952	9384563	NAT
188. 13/766877	9405373	NAT
189. 14/669113	9405966	NAT
190. 14/135806	9412391	NAT
191. 13/799962	9454963	NAT

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
192. 14/485202	9460714	NAT
193. 14/206178	9460718	NAT
194. 13/966927	9466225	NAT
195. 13/755520	9471830	NAT
196. 14/058829	9478232	NAT
197. 14/606089	9484012	NAT
198. 14/039499	9489737	NAT
199. 14/563174	9489944	NAT
200. 13/420828	9489946	NAT
201. 13/357634	9497562	NAT
202. 14/493533	9507774	NAT
203. 14/193099	9530431	NAT
204. 14/616867	9563822	NAT
205. 14/644389	9570067	NAT
206. 15/064965	9588967	NAT
207. 14/644403	9595261	NAT
208. 14/848338	9600475	NAT
209. 13/968154	9601106	NAT
210. 14/938466	9619729	NAT
211. 14/597365	9626338	NAT
212. 14/658510	9628931	NAT
213. 14/848583	9639779	NAT
214. 14/270427	9646408	NAT
215. 14/191082	9666179	NAT

<b>App. No.</b>	<b>Patent No.</b>	<b>Type</b>
216. 14/748474	9672817	NAT
217. 14/490722	9672820	NAT
218. 14/834792	9679217	NAT
219. 14/661360	9704040	NAT
220. 15/150520	9747907	PCT
221. 15/157277	9753566	NAT
222. 13/728287	9754603	NAT
223. 14/739380	9756447	NAT
224. 13/933282	9779699	NAT
225. 13/422332	9785633	NAT
226. 14/574892	9786272	NAT
227. 14/970718	9792894	PCT
228. 13/533091	9798804	NAT
229. 15/058542	9819860	NAT
230. 15/185259	9830904	PCT
231. 15/704051	10109286	NAT
232. 10/108625	7233697	NAT