

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7254338

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the PLEASE REMOVE PATENT NUMBER 10,809,760 FROM THE LIST OF APPLICATIONS/PATENTS ASSOCIATED WITH THE CHANGE OF NAME DOCUMENTS previously recorded on Reel 058553 Frame 0802. Assignor(s) hereby confirms the REMOVAL OF THE CHANGE OF NAME DOCUMENTS RECORDED TO PATENT NUMBER 10,809,760..
CONVEYING PARTY DATA	
Name	Execution Date
META PLATFORMS, INC.	10/28/2021
RECEIVING PARTY DATA	
Name:	FACEBOOK TECHNOLOGIES, LLC
Street Address:	1601 WILLOW ROAD
City:	MENLO PARK
State/Country:	CALIFORNIA
Postal Code:	94025
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	10809760
CORRESPONDENCE DATA	
Fax Number:	(650)739-7699
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	650-739-7500
Email:	Cal-PTOmail@bakerbotts.com
Correspondent Name:	BAKER BOTTS L.L.P.
Address Line 1:	1001 PAGE MILL RD.
Address Line 2:	BUILDING ONE, SUITE 200
Address Line 4:	PALO ALTO, CALIFORNIA 94304-1007
ATTORNEY DOCKET NUMBER:	079894.6051
NAME OF SUBMITTER:	VANJOHN VISAN
SIGNATURE:	/Vanjohn Visan/
DATE SIGNED:	03/30/2022
Total Attachments: 75	
source=2022-03-30_Corrected_Assignment_079894_6051#page1.tif	

[illegible]

source=2022-03-30_Corrected_Assignment_079894_6051#page50.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page51.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page52.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page53.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page54.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page55.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page56.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page57.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page58.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page59.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page60.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page61.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page62.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page63.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page64.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page65.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page66.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page67.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page68.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page69.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page70.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page71.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page72.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page73.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page74.tif
source=2022-03-30_Corrected_Assignment_079894_6051#page75.tif



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eSiz alerts](#) | [News](#) | [Help](#)*Electronic Patent Assignment System***Confirmation Receipt**

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	CHANGE OF NAME																
CONVEYING PARTY DATA																	
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>FACEBOOK, INC.</td><td>10/28/2021</td></tr></table>	Name	Execution Date	FACEBOOK, INC.	10/28/2021													
Name	Execution Date																
FACEBOOK, INC.	10/28/2021																
RECEIVING PARTY DATA																	
<table border="1"><tr><td>Name:</td><td>META PLATFORMS, INC.</td></tr><tr><td>Street Address:</td><td>1601 WILLOW ROAD</td></tr><tr><td>City:</td><td>MENLO PARK</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94025</td></tr></table>	Name:	META PLATFORMS, INC.	Street Address:	1601 WILLOW ROAD	City:	MENLO PARK	State/Country:	CALIFORNIA	Postal Code:	94025							
Name:	META PLATFORMS, INC.																
Street Address:	1601 WILLOW ROAD																
City:	MENLO PARK																
State/Country:	CALIFORNIA																
Postal Code:	94025																
PROPERTY NUMBERS Total: 2672																	
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Patent Number:</td><td>8433762</td></tr><tr><td>Patent Number:</td><td>8874694</td></tr><tr><td>Patent Number:</td><td>8868637</td></tr><tr><td>Patent Number:</td><td>8108377</td></tr><tr><td>Patent Number:</td><td>8230046</td></tr><tr><td>Patent Number:</td><td>9307034</td></tr><tr><td>Patent Number:</td><td>9436763</td></tr></table>	Property Type	Number	Patent Number:	8433762	Patent Number:	8874694	Patent Number:	8868637	Patent Number:	8108377	Patent Number:	8230046	Patent Number:	9307034	Patent Number:	9436763	
Property Type	Number																
Patent Number:	8433762																
Patent Number:	8874694																
Patent Number:	8868637																
Patent Number:	8108377																
Patent Number:	8230046																
Patent Number:	9307034																
Patent Number:	9436763																

Patent Number:	8244848
Patent Number:	8572129
Patent Number:	8751925
Patent Number:	10110413
Patent Number:	8209743
Patent Number:	8185558
Patent Number:	8180804
Patent Number:	8825962
Patent Number:	9177346
Patent Number:	8676978
Patent Number:	8302164
Patent Number:	8291477
Patent Number:	8010458
Patent Number:	8219500
Patent Number:	8572221
Patent Number:	7478078
Patent Number:	10373173
Patent Number:	7606687
Patent Number:	7788260
Patent Number:	7890501
Patent Number:	7069308
Patent Number:	7117254
Patent Number:	7188153
Patent Number:	7451161
Patent Number:	8150778
Patent Number:	9798789
Patent Number:	8037093
Patent Number:	7680882
Patent Number:	9600453
Patent Number:	9553878
Patent Number:	8612688
Patent Number:	8438364
Patent Number:	8832111
Patent Number:	9754043
Patent Number:	8150844
Patent Number:	8832093
Patent Number:	9426236

Patent Number:	8824748
Patent Number:	9268865
Patent Number:	8880555
Patent Number:	9871907
Patent Number:	8719368
Patent Number:	9652552
Patent Number:	RE44876
Patent Number:	8983986
Patent Number:	8874556
Patent Number:	9026905
Patent Number:	9823803
Patent Number:	9753609
Patent Number:	8856688
Patent Number:	8793328
Patent Number:	9432502
Patent Number:	9317530
Patent Number:	10769663
Patent Number:	8438181
Patent Number:	8468103
Patent Number:	8949261
Patent Number:	8924406
Patent Number:	9158819
Patent Number:	8799304
Patent Number:	8990230
Patent Number:	9311678
Patent Number:	9183307
Patent Number:	8527497
Patent Number:	8711116
Patent Number:	9348364
Patent Number:	8830191
Patent Number:	8631394
Patent Number:	9305003
Patent Number:	9990430
Patent Number:	9083747
Patent Number:	8631084
Patent Number:	8918463
Patent Number:	9246862
Patent Number:	9491603

Patent Number:	9277502
Patent Number:	8694542
Patent Number:	8874612
Patent Number:	8874546
Patent Number:	10412179
Patent Number:	8930837
Patent Number:	9686088
Patent Number:	8977611
Patent Number:	10146777
Patent Number:	9530167
Patent Number:	8891832
Patent Number:	9305024
Patent Number:	8954503
Patent Number:	9626692
Patent Number:	10303526
Patent Number:	9823917
Patent Number:	9544425
Patent Number:	9626656
Patent Number:	8706499
Patent Number:	9299110
Patent Number:	9596084
Patent Number:	9710765
Patent Number:	8700708
Patent Number:	8843554
Patent Number:	9747646
Patent Number:	9652810
Patent Number:	9342605
Patent Number:	8671185
Patent Number:	8825842
Patent Number:	9529417
Patent Number:	8909637
Patent Number:	9110992
Patent Number:	10185769
Patent Number:	9680929
Patent Number:	9183573
Patent Number:	9886567
Patent Number:	8995775

Patent Number:	9229489
Patent Number:	9646027
Patent Number:	6393468
Patent Number:	7233997
Patent Number:	7373338
Patent Number:	8812661
Patent Number:	9305320
Patent Number:	10296536
Patent Number:	8442265
Patent Number:	9286641
Patent Number:	8437500
Patent Number:	9672496
Patent Number:	9135631
Patent Number:	8725168
Patent Number:	9058401
Patent Number:	10148762
Patent Number:	10210586
Patent Number:	8732255
Patent Number:	8935341
Patent Number:	8818909
Patent Number:	9098720
Patent Number:	9679336
Patent Number:	9055415
Patent Number:	8934877
Patent Number:	8214457
Patent Number:	8443081
Patent Number:	9213775
Patent Number:	9037653
Patent Number:	8914390
Patent Number:	9619508
Patent Number:	8903951
Patent Number:	8756217
Patent Number:	9635028
Patent Number:	9268857
Patent Number:	8751592
Patent Number:	8929615
Patent Number:	8904013
Patent Number:	8081817

Patent Number:	7340419
Patent Number:	7835950
Patent Number:	7912758
Patent Number:	7188080
Patent Number:	8560395
Patent Number:	6430537
Patent Number:	6421651
Patent Number:	7526440
Patent Number:	8224716
Patent Number:	7231428
Patent Number:	9058573
Patent Number:	9218627
Patent Number:	9087273
Patent Number:	9374690
Patent Number:	9338027
Patent Number:	9515976
Patent Number:	8997213
Patent Number:	9584992
Patent Number:	9400893
Patent Number:	9712574
Patent Number:	9820200
Patent Number:	9002936
Patent Number:	9148397
Patent Number:	9773063
Patent Number:	9471705
Patent Number:	8966602
Patent Number:	8880093
Patent Number:	9082339
Patent Number:	8910035
Patent Number:	8935261
Patent Number:	8788340
Patent Number:	9672574
Patent Number:	8345963
Patent Number:	8954100
Patent Number:	9411671
Patent Number:	9665393
Patent Number:	8631239

Patent Number:	9183393
Patent Number:	8676716
Patent Number:	10628502
Patent Number:	10171599
Patent Number:	10353915
Patent Number:	10275410
Patent Number:	8909706
Patent Number:	9177291
Patent Number:	8854397
Patent Number:	10257315
Patent Number:	9301016
Patent Number:	9052896
Patent Number:	8583659
Patent Number:	9733819
Patent Number:	8775324
Patent Number:	10140264
Patent Number:	8589482
Patent Number:	8209380
Patent Number:	8572167
Patent Number:	8972570
Patent Number:	9736265
Patent Number:	8914875
Patent Number:	9154575
Patent Number:	9660993
Patent Number:	9444624
Patent Number:	6253325
Patent Number:	7024451
Patent Number:	6065051
Patent Number:	6314458
Patent Number:	6952730
Patent Number:	6633311
Patent Number:	6691158
Patent Number:	6889213
Patent Number:	7017109
Patent Number:	6216133
Patent Number:	6144863
Patent Number:	6381613
Patent Number:	6480210

Patent Number:	6411949
Patent Number:	6606100
Patent Number:	6879326
Patent Number:	6914611
Patent Number:	7092861
Patent Number:	7075519
Patent Number:	6912517
Patent Number:	8571998
Patent Number:	9654591
Patent Number:	9437019
Patent Number:	9154568
Patent Number:	9235317
Patent Number:	9552147
Patent Number:	9007371
Patent Number:	8990719
Patent Number:	8976199
Patent Number:	9229613
Patent Number:	9606708
Patent Number:	8990691
Patent Number:	9235318
Patent Number:	9098168
Patent Number:	9003305
Patent Number:	9239662
Patent Number:	8984428
Patent Number:	8407285
Patent Number:	8150913
Patent Number:	7003546
Patent Number:	7277911
Patent Number:	7743100
Patent Number:	7996468
Patent Number:	8005896
Patent Number:	9135555
Patent Number:	9600167
Patent Number:	9280534
Patent Number:	9716635
Patent Number:	8989818
Patent Number:	9596206

Patent Number:	9618994
Patent Number:	8751521
Patent Number:	8732208
Patent Number:	8438156
Patent Number:	8983991
Patent Number:	9002898
Patent Number:	9298295
Patent Number:	9058103
Patent Number:	9535596
Patent Number:	9619037
Patent Number:	9058104
Patent Number:	8976105
Patent Number:	9158801
Patent Number:	9131381
Patent Number:	9223879
Patent Number:	8566253
Patent Number:	9154608
Patent Number:	8185487
Patent Number:	8103611
Patent Number:	9462066
Patent Number:	6871186
Patent Number:	7603331
Patent Number:	6236978
Patent Number:	8103741
Patent Number:	8612542
Patent Number:	7882201
Patent Number:	7688227
Patent Number:	7916044
Patent Number:	7580866
Patent Number:	8301704
Patent Number:	7996456
Patent Number:	8321519
Patent Number:	6288717
Patent Number:	6738767
Patent Number:	7389247
Patent Number:	7334032
Patent Number:	7539754
Patent Number:	7356526

Patent Number:	7925646
Patent Number:	7392250
Patent Number:	7493319
Patent Number:	6049841
Patent Number:	6684327
Patent Number:	7359847
Patent Number:	7752026
Patent Number:	6763435
Patent Number:	7324954
Patent Number:	7337128
Patent Number:	7725349
Patent Number:	6705769
Patent Number:	7401334
Patent Number:	8108860
Patent Number:	7398305
Patent Number:	9992640
Patent Number:	7853673
Patent Number:	7346904
Patent Number:	8902325
Patent Number:	9274766
Patent Number:	9977683
Patent Number:	8533297
Patent Number:	9720935
Patent Number:	8918638
Patent Number:	8875253
Patent Number:	10216785
Patent Number:	10291571
Patent Number:	9373147
Patent Number:	9164622
Patent Number:	8141074
Patent Number:	7350060
Patent Number:	8145797
Patent Number:	7401208
Patent Number:	8145885
Patent Number:	7401207
Patent Number:	7827388
Patent Number:	7360218

Patent Number:	7698707
Patent Number:	7383364
Patent Number:	7886088
Patent Number:	7376763
Patent Number:	7937508
Patent Number:	7366999
Patent Number:	7392501
Patent Number:	7895558
Patent Number:	7389490
Patent Number:	7765513
Patent Number:	7363544
Patent Number:	7669078
Patent Number:	7363432
Patent Number:	7849326
Patent Number:	7711951
Patent Number:	7346620
Patent Number:	8028010
Patent Number:	7321956
Patent Number:	7360021
Patent Number:	7493446
Patent Number:	7386736
Patent Number:	7908492
Patent Number:	7360041
Patent Number:	7533227
Patent Number:	7386724
Patent Number:	7934093
Patent Number:	7386825
Patent Number:	7805695
Patent Number:	7469400
Patent Number:	7376684
Patent Number:	7814130
Patent Number:	7363397
Patent Number:	7694036
Patent Number:	7343592
Patent Number:	7996824
Patent Number:	7353409
Patent Number:	7536571
Patent Number:	7392270

Patent Number:	7346792
Patent Number:	7992023
Patent Number:	7366851
Patent Number:	7840758
Patent Number:	9098865
Patent Number:	9807193
Patent Number:	9043703
Patent Number:	9665353
Patent Number:	9223423
Patent Number:	9990745
Patent Number:	8935255
Patent Number:	7568076
Patent Number:	7543120
Patent Number:	7337235
Patent Number:	7783663
Patent Number:	7398328
Patent Number:	7685321
Patent Number:	7401262
Patent Number:	7823028
Patent Number:	7398369
Patent Number:	7779223
Patent Number:	7389298
Patent Number:	7380241
Patent Number:	7360185
Patent Number:	7996800
Patent Number:	7386759
Patent Number:	7721145
Patent Number:	7392441
Patent Number:	7624312
Patent Number:	7321950
Patent Number:	7487318
Patent Number:	7752379
Patent Number:	7337280
Patent Number:	7500065
Patent Number:	7490202
Patent Number:	7343455
Patent Number:	7987320

Patent Number:	7366844
Patent Number:	7469322
Patent Number:	8037479
Patent Number:	7343476
Patent Number:	7725685
Patent Number:	7353478
Patent Number:	8950667
Patent Number:	8521815
Patent Number:	7895561
Patent Number:	7366841
Patent Number:	7783834
Patent Number:	7386678
Patent Number:	7765362
Patent Number:	7389388
Patent Number:	7747826
Patent Number:	7400548
Patent Number:	7663963
Patent Number:	7350051
Patent Number:	7660965
Patent Number:	7380062
Patent Number:	7571283
Patent Number:	7401186
Patent Number:	7831775
Patent Number:	7360058
Patent Number:	7809924
Patent Number:	7395414
Patent Number:	7650486
Patent Number:	7389363
Patent Number:	7647433
Patent Number:	7386682
Patent Number:	7523268
Patent Number:	7395376
Patent Number:	7747825
Patent Number:	7373573
Patent Number:	7698608
Patent Number:	7380083
Patent Number:	7345687
Patent Number:	7515152

Patent Number:	7350179
Patent Number:	7752593
Patent Number:	7765514
Patent Number:	7328330
Patent Number:	7831808
Patent Number:	7362330
Patent Number:	7538767
Patent Number:	7401242
Patent Number:	7681056
Patent Number:	7380046
Patent Number:	7831759
Patent Number:	9219668
Patent Number:	9113315
Patent Number:	8935271
Patent Number:	8787888
Patent Number:	9055421
Patent Number:	8782080
Patent Number:	9055050
Patent Number:	9246974
Patent Number:	9819756
Patent Number:	8984000
Patent Number:	7343573
Patent Number:	7908575
Patent Number:	7921394
Patent Number:	7380222
Patent Number:	7363603
Patent Number:	7506290
Patent Number:	7475371
Patent Number:	7376532
Patent Number:	7756668
Patent Number:	7389195
Patent Number:	7930129
Patent Number:	10242412
Patent Number:	10028101
Patent Number:	10210519
Patent Number:	9940605
Patent Number:	9026429

Patent Number:	9699485
Patent Number:	9667584
Patent Number:	9660950
Patent Number:	9723373
Patent Number:	9578390
Patent Number:	9201904
Patent Number:	10425671
Patent Number:	9497155
Patent Number:	9331970
Patent Number:	10191643
Patent Number:	9756089
Patent Number:	9378393
Patent Number:	9098802
Patent Number:	8521612
Patent Number:	9344283
Patent Number:	8914393
Patent Number:	10114445
Patent Number:	10032303
Patent Number:	9098686
Patent Number:	9959007
Patent Number:	9058347
Patent Number:	9053191
Patent Number:	9626343
Patent Number:	9049260
Patent Number:	8782753
Patent Number:	9549227
Patent Number:	9110929
Patent Number:	7376914
Patent Number:	7391277
Patent Number:	7782146
Patent Number:	7786813
Patent Number:	8037431
Patent Number:	9264412
Patent Number:	7388496
Patent Number:	7453362
Patent Number:	7398376
Patent Number:	7844802
Patent Number:	6971041

Patent Number:	7337352
Patent Number:	7383464
Patent Number:	7827449
Patent Number:	7340740
Patent Number:	8056078
Patent Number:	9105068
Patent Number:	9225677
Patent Number:	9817797
Patent Number:	8898226
Patent Number:	9959253
Patent Number:	8924264
Patent Number:	8572020
Patent Number:	8914392
Patent Number:	9703473
Patent Number:	10134116
Patent Number:	9100400
Patent Number:	8800005
Patent Number:	8806584
Patent Number:	9479488
Patent Number:	8918771
Patent Number:	8437384
Patent Number:	8903329
Patent Number:	10032233
Patent Number:	10038885
Patent Number:	10380774
Patent Number:	7336102
Patent Number:	7642813
Patent Number:	7471115
Patent Number:	7401281
Patent Number:	7631236
Patent Number:	7472325
Patent Number:	7328396
Patent Number:	7355680
Patent Number:	7826038
Patent Number:	7348634
Patent Number:	7652334
Patent Number:	7348610

Patent Number:	7521735
Patent Number:	7353472
Patent Number:	7685544
Patent Number:	7329940
Patent Number:	7390615
Patent Number:	8022496
Patent Number:	7331021
Patent Number:	7459936
Patent Number:	7333379
Patent Number:	7339364
Patent Number:	8126041
Patent Number:	7362184
Patent Number:	7627835
Patent Number:	7385781
Patent Number:	7710683
Patent Number:	7352252
Patent Number:	7393703
Patent Number:	7541613
Patent Number:	7345503
Patent Number:	7378866
Patent Number:	7398237
Patent Number:	8053862
Patent Number:	7356428
Patent Number:	8001525
Patent Number:	7904269
Patent Number:	7327033
Patent Number:	7344983
Patent Number:	7372689
Patent Number:	7337319
Patent Number:	7489494
Patent Number:	7394273
Patent Number:	8032747
Patent Number:	7840916
Patent Number:	7353235
Patent Number:	7392516
Patent Number:	7359923
Patent Number:	7367019
Patent Number:	7395530

Patent Number:	7389296
Patent Number:	7877416
Patent Number:	7346632
Patent Number:	8090697
Patent Number:	7323913
Patent Number:	7378885
Patent Number:	7353398
Patent Number:	7818812
Patent Number:	7376638
Patent Number:	7401055
Patent Number:	7719302
Patent Number:	7390745
Patent Number:	7718993
Patent Number:	7359758
Patent Number:	7361959
Patent Number:	7491598
Patent Number:	7427550
Patent Number:	7394145
Patent Number:	8119491
Patent Number:	7393738
Patent Number:	7355906
Patent Number:	7768816
Patent Number:	7360199
Patent Number:	7673279
Patent Number:	5561807
Patent Number:	7716142
Patent Number:	7325073
Patent Number:	7337440
Patent Number:	8001520
Patent Number:	6029261
Patent Number:	6711606
Patent Number:	6038592
Patent Number:	7398468
Patent Number:	7400635
Patent Number:	7392478
Patent Number:	7895511
Patent Number:	7352918

Patent Number:	7734117
Patent Number:	7363348
Patent Number:	7644133
Patent Number:	7376971
Patent Number:	7661147
Patent Number:	7400629
Patent Number:	7773602
Patent Number:	7391766
Patent Number:	7787446
Patent Number:	7383551
Patent Number:	7330863
Patent Number:	8041753
Patent Number:	7401141
Patent Number:	7934003
Patent Number:	7353425
Patent Number:	7793352
Patent Number:	7385937
Patent Number:	7936743
Patent Number:	6163535
Patent Number:	7349388
Patent Number:	7826434
Patent Number:	6710269
Patent Number:	7392391
Patent Number:	7926093
Patent Number:	7337195
Patent Number:	7335461
Patent Number:	7392273
Patent Number:	7324988
Patent Number:	7966332
Patent Number:	7386577
Patent Number:	7370037
Patent Number:	7984036
Patent Number:	7376887
Patent Number:	8145961
Patent Number:	7337165
Patent Number:	7882107
Patent Number:	7392497
Patent Number:	7336115

Patent Number:	7755408
Patent Number:	7398174
Patent Number:	6081622
Patent Number:	6063481
Patent Number:	6730857
Patent Number:	6919514
Patent Number:	7395272
Patent Number:	7925670
Patent Number:	7395502
Patent Number:	8136036
Patent Number:	7367011
Patent Number:	8122429
Patent Number:	7337370
Patent Number:	7840855
Patent Number:	7328203
Patent Number:	7917459
Patent Number:	6054863
Patent Number:	6066180
Patent Number:	6751014
Patent Number:	6724751
Patent Number:	6720665
Patent Number:	6738187
Patent Number:	6940168
Patent Number:	6757886
Patent Number:	7353505
Patent Number:	7389350
Patent Number:	6927005
Patent Number:	7904567
Patent Number:	7925764
Patent Number:	7346094
Patent Number:	7350212
Patent Number:	7900211
Patent Number:	7386854
Patent Number:	8054867
Patent Number:	7748007
Patent Number:	7269131
Patent Number:	6730552

Patent Number:	7400574
Patent Number:	7375809
Patent Number:	7768906
Patent Number:	7545497
Patent Number:	7366897
Patent Number:	8024570
Patent Number:	7370241
Patent Number:	7739549
Patent Number:	7379938
Patent Number:	7853625
Patent Number:	7346810
Patent Number:	7523356
Patent Number:	7698604
Patent Number:	7343595
Patent Number:	7926044
Patent Number:	7890940
Patent Number:	7363613
Patent Number:	8006229
Patent Number:	7388839
Patent Number:	7773522
Patent Number:	7373586
Patent Number:	7721188
Patent Number:	7321987
Patent Number:	7516370
Patent Number:	7711991
Patent Number:	7392403
Patent Number:	7512815
Patent Number:	6760887
Patent Number:	7392280
Patent Number:	7849147
Patent Number:	7865560
Patent Number:	7363313
Patent Number:	7945532
Patent Number:	7373635
Patent Number:	6026447
Patent Number:	6016505
Patent Number:	6763365
Patent Number:	7080110

Patent Number:	7346877
Patent Number:	7996668
Patent Number:	7342878
Patent Number:	10187481
Patent Number:	7760630
Patent Number:	9398104
Patent Number:	7350113
Patent Number:	7546490
Patent Number:	7395327
Patent Number:	7953837
Patent Number:	10454998
Patent Number:	7392256
Patent Number:	7962451
Patent Number:	7363303
Patent Number:	7502790
Patent Number:	7356525
Patent Number:	7499920
Patent Number:	7395476
Patent Number:	10250672
Patent Number:	7475316
Patent Number:	8141104
Patent Number:	7330488
Patent Number:	7389325
Patent Number:	8141105
Patent Number:	7356480
Patent Number:	7363317
Patent Number:	7392490
Patent Number:	7827210
Patent Number:	10244036
Patent Number:	8041546
Patent Number:	8056043
Patent Number:	7356436
Patent Number:	7401102
Patent Number:	7904270
Patent Number:	7356797
Patent Number:	8006210
Patent Number:	7917326

Patent Number:	9350593
Patent Number:	7283038
Patent Number:	7382230
Patent Number:	7392432
Patent Number:	7561023
Patent Number:	7747902
Patent Number:	7397972
Patent Number:	7945114
Patent Number:	7374085
Patent Number:	7376860
Patent Number:	7542927
Patent Number:	7890920
Patent Number:	7987386
Patent Number:	7349916
Patent Number:	8010563
Patent Number:	7353254
Patent Number:	7930348
Patent Number:	7376910
Patent Number:	7770132
Patent Number:	7162597
Patent Number:	7353352
Patent Number:	7398522
Patent Number:	7355435
Patent Number:	6946710
Patent Number:	7646208
Patent Number:	7952370
Patent Number:	7359820
Patent Number:	7399930
Patent Number:	7790985
Patent Number:	6064674
Patent Number:	6970468
Patent Number:	6944164
Patent Number:	7403532
Patent Number:	7346075
Patent Number:	7480311
Patent Number:	7711001
Patent Number:	6973123
Patent Number:	7352802

Patent Number:	7480327
Patent Number:	7355608
Patent Number:	7489322
Patent Number:	7398467
Patent Number:	7937657
Patent Number:	6715133
Patent Number:	6711721
Patent Number:	6931395
Patent Number:	7346612
Patent Number:	7783661
Patent Number:	7756856
Patent Number:	7356523
Patent Number:	7653620
Patent Number:	7912848
Patent Number:	7401219
Patent Number:	7362706
Patent Number:	7660251
Patent Number:	7324512
Patent Number:	7761604
Patent Number:	7757005
Patent Number:	7392367
Patent Number:	7340480
Patent Number:	7689551
Patent Number:	7991782
Patent Number:	7840584
Patent Number:	7360204
Patent Number:	8095916
Patent Number:	7328438
Patent Number:	7376948
Patent Number:	7962910
Patent Number:	7840965
Patent Number:	7401069
Patent Number:	7890495
Patent Number:	7356648
Patent Number:	7383428
Patent Number:	7395263
Patent Number:	7904436

Patent Number:	7353346
Patent Number:	7818306
Patent Number:	8055860
Patent Number:	7366772
Patent Number:	7703670
Patent Number:	7673791
Patent Number:	7356607
Patent Number:	7987287
Patent Number:	6033949
Patent Number:	6699400
Patent Number:	7332054
Patent Number:	6686252
Patent Number:	7321617
Patent Number:	7680179
Patent Number:	6706644
Patent Number:	6909157
Patent Number:	7435990
Patent Number:	7381986
Patent Number:	6711076
Patent Number:	6829183
Patent Number:	7941652
Patent Number:	7395523
Patent Number:	8046738
Patent Number:	7337427
Patent Number:	8127267
Patent Number:	7340448
Patent Number:	7774357
Patent Number:	7395469
Patent Number:	7475308
Patent Number:	7359908
Patent Number:	7844618
Patent Number:	7398523
Patent Number:	7363297
Patent Number:	7870145
Patent Number:	7392353
Patent Number:	7890708
Patent Number:	7508309
Patent Number:	7346713

Patent Number:	7899940
Patent Number:	7321895
Patent Number:	7818347
Patent Number:	7818348
Patent Number:	7383396
Patent Number:	7574567
Patent Number:	7386538
Patent Number:	7930296
Patent Number:	7392266
Patent Number:	7730045
Patent Number:	7385424
Patent Number:	7482838
Patent Number:	7350122
Patent Number:	7475307
Patent Number:	7324922
Patent Number:	7747414
Patent Number:	7353130
Patent Number:	7389400
Patent Number:	7822942
Patent Number:	7383146
Patent Number:	7885781
Patent Number:	7360063
Patent Number:	7631167
Patent Number:	7355452
Patent Number:	7492191
Patent Number:	7362651
Patent Number:	7477568
Patent Number:	7356228
Patent Number:	7512299
Patent Number:	7354281
Patent Number:	7442053
Patent Number:	7349397
Patent Number:	7403527
Patent Number:	8081632
Patent Number:	7336667
Patent Number:	7366352
Patent Number:	7724963

Patent Number:	7330427
----------------	---------

Patent Number:	7826351
----------------	---------

Patent Number:	7325239
----------------	---------

Patent Number:	7865912
----------------	---------

Patent Number:	7395459
----------------	---------

Patent Number:	7360035
----------------	---------

Patent Number:	7660951
----------------	---------

Patent Number:	7320090
----------------	---------

Patent Number:	7512839
----------------	---------

Patent Number:	7711992
----------------	---------

Patent Number:	7376809
----------------	---------

Patent Number:	7603539
----------------	---------

Patent Number:	7380065
----------------	---------

Patent Number:	7552286
----------------	---------

Patent Number:	7386745
----------------	---------

Patent Number:	7945795
----------------	---------

Patent Number:	7339390
----------------	---------

Patent Number:	7408374
----------------	---------

Patent Number:	7471101
----------------	---------

Patent Number:	7386669
----------------	---------

Patent Number:	7783835
----------------	---------

Patent Number:	7359824
----------------	---------

Patent Number:	7765081
----------------	---------

Patent Number:	7344029
----------------	---------

Patent Number:	7731033
----------------	---------

Patent Number:	7343570
----------------	---------

Patent Number:	7908571
----------------	---------

Patent Number:	7357609
----------------	---------

Patent Number:	7478985
----------------	---------

Patent Number:	7354204
----------------	---------

Patent Number:	7377393
----------------	---------

Patent Number:	7758291
----------------	---------

Patent Number:	7334228
----------------	---------

Patent Number:	8042113
----------------	---------

Patent Number:	7370365
----------------	---------

Patent Number:	7797754
----------------	---------

Patent Number:	7739747
----------------	---------

Patent Number:	10042926
----------------	----------

Patent Number:	9203925
Patent Number:	7386836
Patent Number:	7844948
Patent Number:	7376476
Patent Number:	8068927
Patent Number:	7401325
Patent Number:	7392482
Patent Number:	7716587
Patent Number:	7337349
Patent Number:	7797569
Patent Number:	7376660
Patent Number:	7509335
Patent Number:	7392258
Patent Number:	7844635
Patent Number:	8131771
Patent Number:	7325108
Patent Number:	7386107
Patent Number:	7522718
Patent Number:	7447851
Patent Number:	6732137
Patent Number:	7380331
Patent Number:	7337391
Patent Number:	7874062
Patent Number:	7133261
Patent Number:	7382581
Patent Number:	7630173
Patent Number:	7383388
Patent Number:	7685366
Patent Number:	7174265
Patent Number:	7392148
Patent Number:	7385829
Patent Number:	7529101
Patent Number:	6061517
Patent Number:	7324961
Patent Number:	7356245
Patent Number:	7720352
Patent Number:	7386857

Patent Number:	8010972
Patent Number:	7900210
Patent Number:	7340741
Patent Number:	7873859
Patent Number:	6748557
Patent Number:	7346911
Patent Number:	7784061
Patent Number:	7328285
Patent Number:	7363629
Patent Number:	7392420
Patent Number:	7565565
Patent Number:	7389503
Patent Number:	7340652
Patent Number:	7472312
Patent Number:	7367032
Patent Number:	8122460
Patent Number:	7394608
Patent Number:	7684139
Patent Number:	6804333
Patent Number:	7379539
Patent Number:	6725333
Patent Number:	7831771
Patent Number:	6754887
Patent Number:	7380234
Patent Number:	6751769
Patent Number:	7380089
Patent Number:	7844793
Patent Number:	6714476
Patent Number:	7356673
Patent Number:	7327268
Patent Number:	7477153
Patent Number:	7346895
Patent Number:	7346470
Patent Number:	7752581
Patent Number:	7398357
Patent Number:	7958311
Patent Number:	7870341
Patent Number:	7343604

Patent Number:	7895611
Patent Number:	7399411
Patent Number:	7815400
Patent Number:	7386761
Patent Number:	7681080
Patent Number:	7325124
Patent Number:	7496733
Patent Number:	7337278
Patent Number:	7617364
Patent Number:	7493453
Patent Number:	7389347
Patent Number:	7392366
Patent Number:	7401014
Patent Number:	7827019
Patent Number:	7378859
Patent Number:	7612571
Patent Number:	7350170
Patent Number:	7382672
Patent Number:	7564729
Patent Number:	7335575
Patent Number:	7560310
Patent Number:	7379450
Patent Number:	7849138
Patent Number:	7987180
Patent Number:	7396776
Patent Number:	8053373
Patent Number:	7378831
Patent Number:	7386851
Patent Number:	9119055
Patent Number:	9094795
Patent Number:	9413837
Patent Number:	9411897
Patent Number:	9008114
Patent Number:	9055433
Patent Number:	8929806
Patent Number:	8644892
Patent Number:	9210228

Patent Number:	9218188
Patent Number:	9245312
Patent Number:	9229632
Patent Number:	9507483
Patent Number:	9607289
Patent Number:	9645724
Patent Number:	9081410
Patent Number:	9557876
Patent Number:	9606717
Patent Number:	9507757
Patent Number:	9696898
Patent Number:	9547416
Patent Number:	9684935
Patent Number:	9547627
Patent Number:	9606695
Patent Number:	9235321
Patent Number:	9386354
Patent Number:	9171017
Patent Number:	9461954
Patent Number:	9785314
Patent Number:	9246958
Patent Number:	8849047
Patent Number:	9088865
Patent Number:	9703477
Patent Number:	9367607
Patent Number:	9167046
Patent Number:	8666198
Patent Number:	10032234
Patent Number:	9165069
Patent Number:	9838350
Patent Number:	9648129
Patent Number:	9124545
Patent Number:	9223826
Patent Number:	10255318
Patent Number:	8458276
Patent Number:	9607235
Patent Number:	9246554
Patent Number:	8897344

Patent Number:	9191829
Patent Number:	9715003
Patent Number:	9361363
Patent Number:	9325778
Patent Number:	8868603
Patent Number:	8918418
Patent Number:	8824784
Patent Number:	9459705
Patent Number:	9171063
Patent Number:	9773228
Patent Number:	9832622
Patent Number:	9361659
Patent Number:	8983917
Patent Number:	9002940
Patent Number:	9173072
Patent Number:	9406081
Patent Number:	9411831
Patent Number:	9760964
Patent Number:	9207986
Patent Number:	10126903
Patent Number:	9703844
Patent Number:	9582589
Patent Number:	9549031
Patent Number:	10296933
Patent Number:	10397363
Patent Number:	9367880
Patent Number:	9910887
Patent Number:	9330183
Patent Number:	9342113
Patent Number:	9406093
Patent Number:	9336312
Patent Number:	8891594
Patent Number:	D725666
Patent Number:	D725665
Patent Number:	9367625
Patent Number:	9367536
Patent Number:	9223898

Patent Number:	9367568
Patent Number:	8774452
Patent Number:	9037644
Patent Number:	10121270
Patent Number:	9143573
Patent Number:	9998969
Patent Number:	8954279
Patent Number:	9552055
Patent Number:	9137723
Patent Number:	9674751
Patent Number:	9414219
Patent Number:	9632689
Patent Number:	9448962
Patent Number:	9606719
Patent Number:	9798705
Patent Number:	9594607
Patent Number:	9762956
Patent Number:	9569501
Patent Number:	10230815
Patent Number:	9305322
Patent Number:	9292884
Patent Number:	9203696
Patent Number:	9590884
Patent Number:	9619644
Patent Number:	9934217
Patent Number:	9317614
Patent Number:	9514230
Patent Number:	9413795
Patent Number:	9853934
Patent Number:	9594840
Patent Number:	9904720
Patent Number:	9686577
Patent Number:	9455945
Patent Number:	9577975
Patent Number:	10136175
Patent Number:	9986281
Patent Number:	8959167
Patent Number:	9262482

Patent Number:	9423941
Patent Number:	9424558
Patent Number:	9648058
Patent Number:	10013399
Patent Number:	9275119
Patent Number:	9066014
Patent Number:	9204048
Patent Number:	9792626
Patent Number:	9275101
Patent Number:	9092485
Patent Number:	9223838
Patent Number:	9781223
Patent Number:	6480785
Patent Number:	6947976
Patent Number:	7113112
Patent Number:	9161303
Patent Number:	10249007
Patent Number:	9134818
Patent Number:	9354727
Patent Number:	D793410
Patent Number:	10078699
Patent Number:	9661106
Patent Number:	10489836
Patent Number:	9223899
Patent Number:	9450992
Patent Number:	9342623
Patent Number:	9600583
Patent Number:	8949250
Patent Number:	9367629
Patent Number:	9241027
Patent Number:	8930378
Patent Number:	9460215
Patent Number:	8832439
Patent Number:	9338123
Patent Number:	9515968
Patent Number:	10013601
Patent Number:	10050926

Patent Number:	8954675
Patent Number:	9336300
Patent Number:	9064146
Patent Number:	9264392
Patent Number:	9477760
Patent Number:	9185048
Patent Number:	9760639
Patent Number:	10805257
Patent Number:	8866786
Patent Number:	10394922
Patent Number:	9679078
Patent Number:	9465811
Patent Number:	9300741
Patent Number:	8914442
Patent Number:	10127316
Patent Number:	9798832
Patent Number:	9785716
Patent Number:	9794359
Patent Number:	9396272
Patent Number:	9245038
Patent Number:	9465848
Patent Number:	9521184
Patent Number:	9509748
Patent Number:	9871714
Patent Number:	9646055
Patent Number:	9930079
Patent Number:	9275647
Patent Number:	10210261
Patent Number:	10140373
Patent Number:	9483778
Patent Number:	9008644
Patent Number:	9703615
Patent Number:	10291737
Patent Number:	10476937
Patent Number:	9823724
Patent Number:	10122772
Patent Number:	10402459
Patent Number:	9225748

Patent Number:	10268763
Patent Number:	9491148
Patent Number:	8948783
Patent Number:	9125015
Patent Number:	10339125
Patent Number:	9792364
Patent Number:	9391971
Patent Number:	9451007
Patent Number:	9910479
Patent Number:	9946324
Patent Number:	10120909
Patent Number:	9105052
Patent Number:	9270633
Patent Number:	9633121
Patent Number:	9524348
Patent Number:	9195989
Patent Number:	9432351
Patent Number:	9178958
Patent Number:	9361281
Patent Number:	9405737
Patent Number:	10255365
Patent Number:	9754037
Patent Number:	9292518
Patent Number:	9703859
Patent Number:	9420442
Patent Number:	10187343
Patent Number:	9992150
Patent Number:	9268555
Patent Number:	9692837
Patent Number:	9237201
Patent Number:	9591517
Patent Number:	9203919
Patent Number:	9865002
Patent Number:	9514245
Patent Number:	9092078
Patent Number:	10447644
Patent Number:	9507876

Patent Number:	8976142
Patent Number:	9350820
Patent Number:	9059759
Patent Number:	9721024
Patent Number:	9361542
Patent Number:	10042522
Patent Number:	9571593
Patent Number:	9514218
Patent Number:	9692838
Patent Number:	9703870
Patent Number:	10719786
Patent Number:	9729643
Patent Number:	10063267
Patent Number:	9369983
Patent Number:	9264335
Patent Number:	9990441
Patent Number:	9679024
Patent Number:	9098690
Patent Number:	9179313
Patent Number:	9521623
Patent Number:	9396288
Patent Number:	9116720
Patent Number:	9805126
Patent Number:	9986048
Patent Number:	10102273
Patent Number:	10409873
Patent Number:	9830337
Patent Number:	9066019
Patent Number:	10046240
Patent Number:	9959318
Patent Number:	9298835
Patent Number:	9917909
Patent Number:	9342552
Patent Number:	9391994
Patent Number:	9477725
Patent Number:	9232372
Patent Number:	10061856
Patent Number:	D742268

Patent Number:	9762689
Patent Number:	9252961
Patent Number:	9729667
Patent Number:	9097531
Patent Number:	9467414
Patent Number:	9697260
Patent Number:	9959320
Patent Number:	9342546
Patent Number:	9959359
Patent Number:	9118725
Patent Number:	9208207
Patent Number:	9294465
Patent Number:	9406061
Patent Number:	9294431
Patent Number:	9298711
Patent Number:	10192494
Patent Number:	9622179
Patent Number:	10095683
Patent Number:	9864806
Patent Number:	10049099
Patent Number:	9721025
Patent Number:	10275405
Patent Number:	10628636
Patent Number:	9119032
Patent Number:	9516484
Patent Number:	9374428
Patent Number:	9542504
Patent Number:	10326702
Patent Number:	10136267
Patent Number:	9817995
Patent Number:	9485204
Patent Number:	9596273
Patent Number:	9740670
Patent Number:	9984098
Patent Number:	10003563
Patent Number:	9538350
Patent Number:	9261367

Patent Number:	10476978
----------------	----------

Patent Number:	10462092
----------------	----------

Patent Number:	9749462
----------------	---------

Patent Number:	10298535
----------------	----------

Patent Number:	9307149
----------------	---------

Patent Number:	9299322
----------------	---------

Patent Number:	9591580
----------------	---------

Patent Number:	9747364
----------------	---------

Patent Number:	10397167
----------------	----------

Patent Number:	9628475
----------------	---------

Patent Number:	9787628
----------------	---------

Patent Number:	10120889
----------------	----------

Patent Number:	9984168
----------------	---------

Patent Number:	9692814
----------------	---------

Patent Number:	9785401
----------------	---------

Patent Number:	10097631
----------------	----------

Patent Number:	10397075
----------------	----------

Patent Number:	9965486
----------------	---------

Patent Number:	10686896
----------------	----------

Patent Number:	9479696
----------------	---------

Patent Number:	9720932
----------------	---------

Patent Number:	10439970
----------------	----------

Patent Number:	9778843
----------------	---------

Patent Number:	10313320
----------------	----------

Patent Number:	9820094
----------------	---------

Patent Number:	9678730
----------------	---------

Patent Number:	9686337
----------------	---------

Patent Number:	9826028
----------------	---------

Patent Number:	10579213
----------------	----------

Patent Number:	9589023
----------------	---------

Patent Number:	9622038
----------------	---------

Patent Number:	9912656
----------------	---------

Patent Number:	9934284
----------------	---------

Patent Number:	10268664
----------------	----------

Patent Number:	10291741
----------------	----------

Patent Number:	10924445
----------------	----------

Patent Number:	9781092
----------------	---------

Patent Number:	9425869
----------------	---------

Patent Number:	9602965
Patent Number:	9679080
Patent Number:	9460476
Patent Number:	9575956
Patent Number:	9275272
Patent Number:	10057199
Patent Number:	10216803
Patent Number:	10270868
Patent Number:	9619694
Patent Number:	10931764
Patent Number:	10467213
Patent Number:	10061489
Patent Number:	9990435
Patent Number:	10375188
Patent Number:	10459914
Patent Number:	9781119
Patent Number:	9767218
Patent Number:	9917804
Patent Number:	9491133
Patent Number:	9692972
Patent Number:	9582552
Patent Number:	9589011
Patent Number:	10318652
Patent Number:	10257293
Patent Number:	10380182
Patent Number:	9519672
Patent Number:	9531824
Patent Number:	10241645
Patent Number:	10155586
Patent Number:	10181057
Patent Number:	9369891
Patent Number:	10063492
Patent Number:	10334072
Patent Number:	9578011
Patent Number:	10257146
Patent Number:	10459621
Patent Number:	9432327

Patent Number:	10387464
Patent Number:	9680789
Patent Number:	9807185
Patent Number:	9798812
Patent Number:	10387511
Patent Number:	10409823
Patent Number:	10516746
Patent Number:	10459950
Patent Number:	9767152
Patent Number:	10467238
Patent Number:	9576060
Patent Number:	10467282
Patent Number:	10607148
Patent Number:	10262039
Patent Number:	10212614
Patent Number:	10681158
Patent Number:	9696850
Patent Number:	10402750
Patent Number:	9854059
Patent Number:	10032047
Patent Number:	10242413
Patent Number:	10338773
Patent Number:	9411732
Patent Number:	9674135
Patent Number:	10282434
Patent Number:	10331748
Patent Number:	9639628
Patent Number:	10019466
Patent Number:	10853335
Patent Number:	9461902
Patent Number:	9594852
Patent Number:	10162899
Patent Number:	10244042
Patent Number:	9407691
Patent Number:	9661076
Patent Number:	9385987
Patent Number:	10176199
Patent Number:	10264508

Patent Number:	10216850
Patent Number:	10242074
Patent Number:	10157224
Patent Number:	10270882
Patent Number:	9665765
Patent Number:	10162825
Patent Number:	9753574
Patent Number:	9930100
Patent Number:	10140338
Patent Number:	10135931
Patent Number:	9628577
Patent Number:	10002168
Patent Number:	9805065
Patent Number:	10158419
Patent Number:	9959321
Patent Number:	10542101
Patent Number:	11060906
Patent Number:	10091207
Patent Number:	10354363
Patent Number:	10366090
Patent Number:	9864425
Patent Number:	10209852
Patent Number:	10185458
Patent Number:	9483803
Patent Number:	9801032
Patent Number:	9710070
Patent Number:	9514196
Patent Number:	9753995
Patent Number:	9946772
Patent Number:	9852444
Patent Number:	10425369
Patent Number:	10216859
Patent Number:	9471692
Patent Number:	9495354
Patent Number:	9934514
Patent Number:	10187484
Patent Number:	10609093

Patent Number:	10353969
Patent Number:	10032186
Patent Number:	10394831
Patent Number:	10110651
Patent Number:	10353978
Patent Number:	10783569
Patent Number:	10867336
Patent Number:	10733654
Patent Number:	9703879
Patent Number:	9678741
Patent Number:	10162999
Patent Number:	10219123
Patent Number:	6982973
Patent Number:	6493324
Patent Number:	10475461
Patent Number:	9753992
Patent Number:	9848297
Patent Number:	10841404
Patent Number:	9591449
Patent Number:	9595057
Patent Number:	9743157
Patent Number:	10430425
Patent Number:	10134367
Patent Number:	9720956
Patent Number:	9992287
Patent Number:	9715596
Patent Number:	10061846
Patent Number:	10033685
Patent Number:	10296547
Patent Number:	9819800
Patent Number:	9646173
Patent Number:	10452671
Patent Number:	9690872
Patent Number:	10445352
Patent Number:	9635019
Patent Number:	9681099
Patent Number:	10282154
Patent Number:	10268733

Patent Number:	9781216
Patent Number:	10353993
Patent Number:	10311611
Patent Number:	10506276
Patent Number:	9792876
Patent Number:	D824934
Patent Number:	10769548
Patent Number:	10270732
Patent Number:	10999236
Patent Number:	10282483
Patent Number:	9703775
Patent Number:	10181053
Patent Number:	10198750
Patent Number:	9800537
Patent Number:	10223464
Patent Number:	10133960
Patent Number:	10169555
Patent Number:	9729706
Patent Number:	9788162
Patent Number:	10506055
Patent Number:	9679313
Patent Number:	10616720
Patent Number:	10499209
Patent Number:	10585961
Patent Number:	9992290
Patent Number:	9965284
Patent Number:	10699184
Patent Number:	11019177
Patent Number:	10171474
Patent Number:	10102255
Patent Number:	10579688
Patent Number:	10380119
Patent Number:	9798777
Patent Number:	10235469
Patent Number:	10425378
Patent Number:	10033963
Patent Number:	10148910

Patent Number:	9948590
Patent Number:	10419381
Patent Number:	10432749
Patent Number:	9684695
Patent Number:	10430477
Patent Number:	10785178
Patent Number:	9819605
Patent Number:	9760902
Patent Number:	10162886
Patent Number:	9986022
Patent Number:	10185763
Patent Number:	10311117
Patent Number:	10257309
Patent Number:	9934403
Patent Number:	10015121
Patent Number:	10083379
Patent Number:	9866515
Patent Number:	10496895
Patent Number:	10255522
Patent Number:	10360227
Patent Number:	10319076
Patent Number:	9854303
Patent Number:	6407996
Patent Number:	7197030
Patent Number:	6088732
Patent Number:	10198482
Patent Number:	10116650
Patent Number:	10249044
Patent Number:	10026021
Patent Number:	10649614
Patent Number:	10013724
Patent Number:	10405179
Patent Number:	10311090
Patent Number:	9913120
Patent Number:	10299186
Patent Number:	10652285
Patent Number:	9936243
Patent Number:	9807454

Patent Number:	10134162
Patent Number:	10460000
Patent Number:	10509777
Patent Number:	10642904
Patent Number:	10282354
Patent Number:	9819492
Patent Number:	10346875
Patent Number:	10714118
Patent Number:	9848313
Patent Number:	9959580
Patent Number:	9912987
Patent Number:	9924470
Patent Number:	10148885
Patent Number:	D848461
Patent Number:	10320762
Patent Number:	11140232
Patent Number:	10432562
Patent Number:	10157307
Patent Number:	11106759
Patent Number:	9876752
Patent Number:	10746225
Patent Number:	10313456
Patent Number:	10489472
Patent Number:	10353686
Patent Number:	10402955
Patent Number:	10402495
Patent Number:	10019147
Patent Number:	10079901
Patent Number:	10685300
Patent Number:	10148627
Patent Number:	10268765
Patent Number:	10009717
Patent Number:	10028224
Patent Number:	D851661
Patent Number:	D855631
Patent Number:	D852827
Patent Number:	10636175

Patent Number:	10324928
Patent Number:	9948737
Patent Number:	9992534
Patent Number:	11144826
Patent Number:	9753993
Patent Number:	10282377
Patent Number:	10402412
Patent Number:	9697291
Patent Number:	9690826
Patent Number:	10928837
Patent Number:	9886484
Patent Number:	10291950
Patent Number:	10341450
Patent Number:	10602133
Patent Number:	10536691
Patent Number:	9948734
Patent Number:	9948735
Patent Number:	9749334
Patent Number:	10219222
Patent Number:	10133915
Patent Number:	10367862
Patent Number:	10645460
Patent Number:	10701121
Patent Number:	10425694
Patent Number:	10389678
Patent Number:	10452226
Patent Number:	10460489
Patent Number:	10592066
Patent Number:	9894024
Patent Number:	10013072
Patent Number:	9953089
Patent Number:	10530759
Patent Number:	10070284
Patent Number:	9924336
Patent Number:	9955067
Patent Number:	10015210
Patent Number:	9955002
Patent Number:	10783197

Patent Number:	10430685
Patent Number:	10248645
Patent Number:	10567844
Patent Number:	10009728
Patent Number:	10096089
Patent Number:	9678944
Patent Number:	10348820
Patent Number:	10686606
Patent Number:	9917816
Patent Number:	10108676
Patent Number:	10037531
Patent Number:	10432468
Patent Number:	10374696
Patent Number:	10353477
Patent Number:	10097641
Patent Number:	10474896
Patent Number:	9934329
Patent Number:	9978167
Patent Number:	10645023
Patent Number:	10649770
Patent Number:	10149111
Patent Number:	9729647
Patent Number:	8229458
Patent Number:	8768379
Patent Number:	8559977
Patent Number:	8364171
Patent Number:	8774839
Patent Number:	8447331
Patent Number:	8437776
Patent Number:	8996035
Patent Number:	8566236
Patent Number:	8892126
Patent Number:	8626194
Patent Number:	8515459
Patent Number:	9076165
Patent Number:	9008691
Patent Number:	9277366

Patent Number:	9521524
Patent Number:	D882539
Patent Number:	9639858
Patent Number:	10243992
Patent Number:	10922609
Patent Number:	10003922
Patent Number:	10028005
Patent Number:	10158899
Patent Number:	10419234
Patent Number:	10021203
Patent Number:	10491410
Patent Number:	9946878
Patent Number:	10498614
Patent Number:	10268646
Patent Number:	10423656
Patent Number:	9967276
Patent Number:	10642914
Patent Number:	10104057
Patent Number:	10433000
Patent Number:	10054999
Patent Number:	10200379
Patent Number:	10360736
Patent Number:	10924449
Patent Number:	10205799
Patent Number:	10332293
Patent Number:	10192102
Patent Number:	10200335
Patent Number:	11182613
Patent Number:	11037206
Patent Number:	10699320
Patent Number:	D831065
Patent Number:	10628516
Patent Number:	10332152
Patent Number:	10142446
Patent Number:	10796385
Patent Number:	10182052
Patent Number:	10423632
Patent Number:	10346929

Patent Number:	10129393
Patent Number:	10268649
Patent Number:	10104154
Patent Number:	10874949
Patent Number:	10116866
Patent Number:	9864589
Patent Number:	10554631
Patent Number:	10332218
Patent Number:	10874950
Patent Number:	D854562
Patent Number:	10874951
Patent Number:	10140473
Patent Number:	10303731
Patent Number:	9973586
Patent Number:	10489468
Patent Number:	10223758
Patent Number:	10455135
Patent Number:	10917481
Patent Number:	9921745
Patent Number:	10454672
Patent Number:	10742585
Patent Number:	10484533
Patent Number:	11132604
Patent Number:	11144812
Patent Number:	10102295
Patent Number:	10551478
Patent Number:	10305217
Patent Number:	10192242
Patent Number:	10452199
Patent Number:	9917907
Patent Number:	10459526
Patent Number:	10713320
Patent Number:	10154297
Patent Number:	10244370
Patent Number:	9817819
Patent Number:	9797985
Patent Number:	10257554

Patent Number:	10057310
Patent Number:	10375354
Patent Number:	11048708
Patent Number:	10841651
Patent Number:	10425687
Patent Number:	10810655
Patent Number:	11145006
Patent Number:	10949471
Patent Number:	D884719
Patent Number:	10127290
Patent Number:	10157293
Patent Number:	10009352
Patent Number:	10943171
Patent Number:	10423687
Patent Number:	10417222
Patent Number:	10412425
Patent Number:	10255255
Patent Number:	10129705
Patent Number:	10551961
Patent Number:	10275856
Patent Number:	10970647
Patent Number:	11176485
Patent Number:	10405020
Patent Number:	10122810
Patent Number:	10289638
Patent Number:	10149136
Patent Number:	10346447
Patent Number:	10409868
Patent Number:	10447679
Patent Number:	10255331
Patent Number:	D883994
Patent Number:	10157395
Patent Number:	10304407
Patent Number:	10425579
Patent Number:	10142681
Patent Number:	10715477
Patent Number:	10701021
Patent Number:	10210590

Patent Number:	10382916
Patent Number:	10437842
Patent Number:	9986099
Patent Number:	10055507
Patent Number:	11003992
Patent Number:	10444988
Patent Number:	10803248
Patent Number:	10558759
Patent Number:	10509863
Patent Number:	11030539
Patent Number:	10685183
Patent Number:	10496752
Patent Number:	10685184
Patent Number:	11182806
Patent Number:	10110384
Patent Number:	10931941
Patent Number:	9973510
Patent Number:	10506287
Patent Number:	10165261
Patent Number:	10348856
Patent Number:	10055845
Patent Number:	10743234
Patent Number:	10511933
Patent Number:	10592558
Patent Number:	10402986
Patent Number:	10079899
Patent Number:	10142281
Patent Number:	10154000
Patent Number:	10057402
Patent Number:	10104529
Patent Number:	10769590
Patent Number:	10719565
Patent Number:	9412188
Patent Number:	10194285
Patent Number:	8660305
Patent Number:	10303896
Patent Number:	10025780

Patent Number:	10685078
Patent Number:	10728100
Patent Number:	10104164
Patent Number:	11170006
Patent Number:	10775866
Patent Number:	10334064
Patent Number:	10462622
Patent Number:	10388002
Patent Number:	10263944
Patent Number:	10616089
Patent Number:	10896484
Patent Number:	10489507
Patent Number:	10819841
Patent Number:	10796185
Patent Number:	11039278
Patent Number:	10382898
Patent Number:	10419880
Patent Number:	10263934
Patent Number:	10692243
Patent Number:	10565729
Patent Number:	10586350
Patent Number:	10185967
Patent Number:	D868793
Patent Number:	D882567
Patent Number:	10460089
Patent Number:	10102245
Patent Number:	D881883
Patent Number:	D882570
Patent Number:	10924560
Patent Number:	10462422
Patent Number:	10346536
Patent Number:	10880685
Patent Number:	10397351
Patent Number:	10789723
Patent Number:	9426657
Patent Number:	9922123
Patent Number:	9603013
Patent Number:	10394953

Patent Number:	9276960
Patent Number:	10402039
Patent Number:	10979870
Patent Number:	9400925
Patent Number:	9405427
Patent Number:	10459979
Patent Number:	10229208
Patent Number:	10140472
Patent Number:	10664744
Patent Number:	10489701
Patent Number:	9009780
Patent Number:	10169356
Patent Number:	10291652
Patent Number:	9996704
Patent Number:	9948653
Patent Number:	9460308
Patent Number:	10268725
Patent Number:	10367804
Patent Number:	10528973
Patent Number:	10402419
Patent Number:	10321283
Patent Number:	10382403
Patent Number:	10275009
Patent Number:	10402752
Patent Number:	10152544
Patent Number:	10027772
Patent Number:	10402632
Patent Number:	9801062
Patent Number:	10771932
Patent Number:	10821772
Patent Number:	11010436
Patent Number:	10713794
Patent Number:	11017585
Patent Number:	10582042
Patent Number:	10271173
Patent Number:	10948993
Patent Number:	10812438

Patent Number:	10140469
Patent Number:	10346613
Patent Number:	10169472
Patent Number:	10915509
Patent Number:	10782986
Patent Number:	10956029
Patent Number:	10511808
Patent Number:	10523864
Patent Number:	10979669
Patent Number:	11010179
Patent Number:	10368315
Patent Number:	10963273
Patent Number:	10540079
Patent Number:	10835827
Patent Number:	10835828
Patent Number:	11080349
Patent Number:	10839014
Patent Number:	10803050
Patent Number:	10580218
Patent Number:	11038974
Patent Number:	10659731
Patent Number:	10708124
Patent Number:	11100179
Patent Number:	10467894
Patent Number:	10779029
Patent Number:	9691073
Patent Number:	10936346
Patent Number:	10498781
Patent Number:	10797795
Patent Number:	11093551
Patent Number:	10796452
Patent Number:	10733431
Patent Number:	10402703
Patent Number:	10949616
Patent Number:	10896295
Patent Number:	10853103
Patent Number:	11003669
Patent Number:	10855485

Patent Number:	11036984
Patent Number:	11115410
Patent Number:	10809760
Patent Number:	10761866
Patent Number:	10187480
Patent Number:	10958599
Patent Number:	11010803
Patent Number:	10930017
Patent Number:	10825258
Patent Number:	10805413
Patent Number:	10719989
Patent Number:	10854004
Patent Number:	10764184
Patent Number:	11030814
Patent Number:	10269100
Patent Number:	11042554
Patent Number:	10706350
Patent Number:	10796473
Patent Number:	10785123
Patent Number:	D874553
Patent Number:	10885697
Patent Number:	10740943
Patent Number:	D873895
Patent Number:	10558675
Patent Number:	10878608
Patent Number:	10713322
Patent Number:	10652345
Patent Number:	10665028
Patent Number:	10506383
Patent Number:	10484606
Patent Number:	10511833
Patent Number:	11086858
Patent Number:	10511678
Patent Number:	10779183
Patent Number:	10827024
Patent Number:	11006097
Patent Number:	11196985

Patent Number:	11070792
Patent Number:	11172189
Patent Number:	10750376
Patent Number:	10854206
Patent Number:	10957329
Patent Number:	10977258
Patent Number:	11212186
Patent Number:	10499010
Patent Number:	11146646
Patent Number:	11093561
Patent Number:	10831286
Patent Number:	10803112
Patent Number:	10628704
Patent Number:	11061977
Patent Number:	10978056
Patent Number:	10686744
Patent Number:	10334061
Patent Number:	10984245
Patent Number:	10601933
Patent Number:	10685381
Patent Number:	10572098
Patent Number:	10979914
Patent Number:	10496896
Patent Number:	11100062
Patent Number:	10531250
Patent Number:	10825181
Patent Number:	D890191
Patent Number:	10548030
Patent Number:	10764231
Patent Number:	11157584
Patent Number:	11088985
Patent Number:	D872760
Patent Number:	11044274
Patent Number:	10917485
Patent Number:	10546322
Patent Number:	10425902
Patent Number:	10736015
Patent Number:	10880809

Patent Number:	11153728
Patent Number:	10594389
Patent Number:	10986058
Patent Number:	10546324
Patent Number:	10601797
Patent Number:	10841387
Patent Number:	10957119
Patent Number:	10778788
Patent Number:	10572888
Patent Number:	11074309
Patent Number:	10785184
Patent Number:	10826804
Patent Number:	10643034
Patent Number:	10824903
Patent Number:	11164298
Patent Number:	10944703
Patent Number:	10582337
Patent Number:	11019503
Patent Number:	11023772
Patent Number:	10838689
Patent Number:	10726208
Patent Number:	10819812
Patent Number:	10885553
Patent Number:	11025988
Patent Number:	10733629
Patent Number:	10809069
Patent Number:	11089492
Patent Number:	11108745
Patent Number:	10878638
Patent Number:	10986077
Patent Number:	10965723
Patent Number:	11023096
Patent Number:	11212188
Patent Number:	D934274
Patent Number:	D934275
Patent Number:	10958510
Patent Number:	D933067

Patent Number:	11019551
Patent Number:	D906990
Patent Number:	D920267
Application Number:	12553074
Application Number:	12748145
Application Number:	61428799
Application Number:	12884539
Application Number:	12965094
Application Number:	12976685
Application Number:	61428615
Application Number:	13018716
Application Number:	13019061
Application Number:	13275135
Application Number:	13275152
Application Number:	13276458
Application Number:	13276902
Application Number:	13209214
Application Number:	13040158
Application Number:	13276201
Application Number:	13214924
Application Number:	13216830
Application Number:	13051286
Application Number:	13096208
Application Number:	13194507
Application Number:	13191670
Application Number:	13092443
Application Number:	13188383
Application Number:	14194394
Application Number:	09043146
Application Number:	13117617
Application Number:	13233245
Application Number:	13224139
Application Number:	29400494
Application Number:	13220412
Application Number:	13247780
Application Number:	13036189
Application Number:	13348089
Application Number:	13659360

Application Number:	08655169
Application Number:	13490367
Application Number:	13489172
Application Number:	11840968
Application Number:	12258295
Application Number:	12258299
Application Number:	12258302
Application Number:	12258308
Application Number:	12268981
Application Number:	60104311
Application Number:	13556017
Application Number:	10698957
Application Number:	13337468
Application Number:	11856202
Application Number:	13651168
Application Number:	13679035
Application Number:	13587602
Application Number:	13661823
Application Number:	13679365
Application Number:	13674700
Application Number:	13746988
Application Number:	13707220
Application Number:	13490394
Application Number:	13689355
Application Number:	13705968
Application Number:	13797337
Application Number:	13672404
Application Number:	13687119
Application Number:	13548096
Application Number:	13723951
Application Number:	13692417
Application Number:	13691122
Application Number:	13604377
Application Number:	13659743
Application Number:	13654138
Application Number:	13654186
Application Number:	13654229

Application Number:	08234193
---------------------	----------

Application Number:	08635048
---------------------	----------

Application Number:	08850258
---------------------	----------

Application Number:	08995350
---------------------	----------

Application Number:	09036065
---------------------	----------

Application Number:	08710130
---------------------	----------

Application Number:	09268414
---------------------	----------

Application Number:	09534728
---------------------	----------

Application Number:	08976934
---------------------	----------

Application Number:	13712551
---------------------	----------

Application Number:	13610560
---------------------	----------

Application Number:	13609041
---------------------	----------

Application Number:	13612619
---------------------	----------

Application Number:	13615062
---------------------	----------

Application Number:	13615095
---------------------	----------

Application Number:	13615139
---------------------	----------

Application Number:	13615180
---------------------	----------

Application Number:	13619046
---------------------	----------

Application Number:	13709741
---------------------	----------

Application Number:	08828481
---------------------	----------

Application Number:	13685431
---------------------	----------

Application Number:	13565625
---------------------	----------

Application Number:	13767709
---------------------	----------

Application Number:	13842316
---------------------	----------

Application Number:	13544849
---------------------	----------

Application Number:	13782795
---------------------	----------

Application Number:	13851781
---------------------	----------

Application Number:	13779574
---------------------	----------

Application Number:	13901871
---------------------	----------

Application Number:	61768303
---------------------	----------

Application Number:	13902560
---------------------	----------

Application Number:	13914884
---------------------	----------

Application Number:	13909887
---------------------	----------

Application Number:	14025589
---------------------	----------

Application Number:	13874153
---------------------	----------

Application Number:	13974923
---------------------	----------

Application Number:	13974916
---------------------	----------

Application Number:	13909934
---------------------	----------

Application Number:	13909968
Application Number:	14019325
Application Number:	14026994
Application Number:	14292725
Application Number:	14099535
Application Number:	14099561
Application Number:	29467061
Application Number:	14098335
Application Number:	61918431
Application Number:	14179382
Application Number:	14449406
Application Number:	14292541
Application Number:	14459252
Application Number:	14459211
Application Number:	14469143
Application Number:	61980453
Application Number:	14323915
Application Number:	14518979
Application Number:	14323940
Application Number:	14452307
Application Number:	14521269
Application Number:	14451533
Application Number:	14565369
Application Number:	14481721
Application Number:	14540488
Application Number:	29511335
Application Number:	14599216
Application Number:	14599263
Application Number:	14699481
Application Number:	14663252
Application Number:	14822721
Application Number:	14814382
Application Number:	14826868
Application Number:	14923326
Application Number:	14854690
Application Number:	14815144
Application Number:	62253792

Application Number:	14792492
Application Number:	14858195
Application Number:	14846104
Application Number:	14799348
Application Number:	14971964
Application Number:	15386197
Application Number:	14965680
Application Number:	15386282
Application Number:	62274115
Application Number:	14886976
Application Number:	14981413
Application Number:	62277179
Application Number:	14983314
Application Number:	14991630
Application Number:	62274154
Application Number:	62439837
Application Number:	15001110
Application Number:	15162639
Application Number:	15046179
Application Number:	15087958
Application Number:	15207342
Application Number:	15337978
Application Number:	15393773
Application Number:	15247658
Application Number:	15359495
Application Number:	62351851
Application Number:	62351257
Application Number:	15183660
Application Number:	15395328
Application Number:	62384421
Application Number:	15393926
Application Number:	15395618
Application Number:	15224395
Application Number:	15376467
Application Number:	15348826
Application Number:	16172318
Application Number:	62382769
Application Number:	15358943

Application Number:	15452698
Application Number:	62404152
Application Number:	29579980
Application Number:	15855942
Application Number:	15853045
Application Number:	15722956
Application Number:	15722982
Application Number:	15723008
Application Number:	15722437
Application Number:	15332749
Application Number:	62440808
Application Number:	15346687
Application Number:	62423176
Application Number:	15472152
Application Number:	15850597
Application Number:	62440238
Application Number:	62452855
Application Number:	12951040
Application Number:	13107932
Application Number:	15491293
Application Number:	15596368
Application Number:	15448916
Application Number:	14564903
Application Number:	15783984
Application Number:	15584883
Application Number:	15614254
Application Number:	15857297
Application Number:	15856015
Application Number:	29600950
Application Number:	29600952
Application Number:	29600948
Application Number:	29600953
Application Number:	29600942
Application Number:	29600947
Application Number:	29600945
Application Number:	29600943
Application Number:	29600941

Application Number:	29600954
---------------------	----------

Application Number:	29600940
---------------------	----------

Application Number:	29600939
---------------------	----------

Application Number:	15596891
---------------------	----------

Application Number:	15668968
---------------------	----------

Application Number:	15642140
---------------------	----------

Application Number:	15698797
---------------------	----------

Application Number:	15499835
---------------------	----------

Application Number:	15497626
---------------------	----------

Application Number:	15694660
---------------------	----------

Application Number:	15666205
---------------------	----------

Application Number:	15847799
---------------------	----------

Application Number:	15847832
---------------------	----------

Application Number:	15797435
---------------------	----------

Application Number:	15828250
---------------------	----------

Application Number:	15862372
---------------------	----------

Application Number:	15820234
---------------------	----------

Application Number:	15728745
---------------------	----------

Application Number:	15728756
---------------------	----------

Application Number:	15728767
---------------------	----------

Application Number:	15728801
---------------------	----------

Application Number:	15611585
---------------------	----------

Application Number:	15621372
---------------------	----------

Application Number:	15820282
---------------------	----------

Application Number:	15838287
---------------------	----------

Application Number:	15829713
---------------------	----------

Application Number:	15687670
---------------------	----------

Application Number:	15838292
---------------------	----------

Application Number:	15668612
---------------------	----------

Application Number:	15803355
---------------------	----------

Application Number:	15901800
---------------------	----------

Application Number:	15807515
---------------------	----------

Application Number:	15864206
---------------------	----------

Application Number:	15824669
---------------------	----------

Application Number:	15722754
---------------------	----------

Application Number:	15723046
---------------------	----------

Application Number:	15723081
---------------------	----------

Application Number:	15723429
---------------------	----------

Application Number:	15723436
Application Number:	15723675
Application Number:	15723710
Application Number:	15787919
Application Number:	15879285
Application Number:	15907037
Application Number:	16119704
Application Number:	16107686
Application Number:	16054367
Application Number:	15909885
Application Number:	62597012
Application Number:	15961190
Application Number:	13843155
Application Number:	61905041
Application Number:	15199403
Application Number:	15910973
Application Number:	62614947
Application Number:	15967193
Application Number:	15927666
Application Number:	15967239
Application Number:	15928686
Application Number:	16011062
Application Number:	62660876
Application Number:	16025317
Application Number:	16048101
Application Number:	15981374
Application Number:	16057414
Application Number:	15957488
Application Number:	15957302
Application Number:	15962319
Application Number:	15982821
Application Number:	16115487
Application Number:	16002463
Application Number:	62675090
Application Number:	16135752
Application Number:	16153660
Application Number:	16153658

Application Number:	16016338
Application Number:	16028820
Application Number:	62699312
Application Number:	16112518
Application Number:	15999509
Application Number:	16043045
Application Number:	16045649
Application Number:	16183683
Application Number:	16168536
Application Number:	16145760
Application Number:	16128837
Application Number:	16192538
Application Number:	16176312
Application Number:	16157654
Application Number:	16528982
Application Number:	62747583
Application Number:	16143170
Application Number:	16236311
Application Number:	16167409
Application Number:	16220740
Application Number:	62749608
Application Number:	16192649
Application Number:	62750746
Application Number:	62752908
Application Number:	16193735
Application Number:	16529059
Application Number:	16352574
Application Number:	16224761
Application Number:	16179741
Application Number:	16213558
Application Number:	16183576
Application Number:	62770539
Application Number:	16208304
Application Number:	16274743
Application Number:	16293502
Application Number:	16216992
Application Number:	16222206
Application Number:	16212649

Application Number:	16376832
Application Number:	16261126
Application Number:	16284873
Application Number:	16368703
Application Number:	16375694
Application Number:	16443707
Application Number:	16426490
Application Number:	16505521
Application Number:	16512128
Application Number:	16556841
Application Number:	16503155
Application Number:	16505361
Application Number:	16530587
Application Number:	16570983
Application Number:	16565295
Application Number:	29708303
Application Number:	16567964
Application Number:	16673828
Application Number:	16695000
Application Number:	16589328
Application Number:	16653306
Application Number:	16670677
Application Number:	16659304
Application Number:	16711316
Application Number:	16790437
Application Number:	16704979
Application Number:	16781867
Application Number:	29715479
Application Number:	29716530
Application Number:	29716533
Application Number:	16740285
Application Number:	16809868
Application Number:	16853320
Application Number:	29728613
Application Number:	16898081
Application Number:	16989131
Application Number:	17006377

Application Number:	29731775
---------------------	----------

Application Number:	29731785
---------------------	----------

Application Number:	29731792
---------------------	----------

Application Number:	17006339
---------------------	----------

Application Number:	16913054
---------------------	----------

Application Number:	29731230
---------------------	----------

Application Number:	29731236
---------------------	----------

Application Number:	16864937
---------------------	----------

Application Number:	16882322
---------------------	----------

Application Number:	16861585
---------------------	----------

Application Number:	16998423
---------------------	----------

Application Number:	17009542
---------------------	----------

Application Number:	17022950
---------------------	----------

Application Number:	17071805
---------------------	----------

Application Number:	17096209
---------------------	----------

Application Number:	17070809
---------------------	----------

Application Number:	17030051
---------------------	----------

Application Number:	17135493
---------------------	----------

Application Number:	17095500
---------------------	----------

Application Number:	17135521
---------------------	----------

Application Number:	17088947
---------------------	----------

Application Number:	16898066
---------------------	----------

Application Number:	16930712
---------------------	----------

Application Number:	17016107
---------------------	----------

Application Number:	17138362
---------------------	----------

Application Number:	16932483
---------------------	----------

Application Number:	17006260
---------------------	----------

Application Number:	16931285
---------------------	----------

Application Number:	17010173
---------------------	----------

Application Number:	16943678
---------------------	----------

Application Number:	16987043
---------------------	----------

Application Number:	16945505
---------------------	----------

Application Number:	17031571
---------------------	----------

Application Number:	17035253
---------------------	----------

Application Number:	17033474
---------------------	----------

Application Number:	16996196
---------------------	----------

Application Number:	17005230
---------------------	----------

Application Number:	17065389
---------------------	----------

Application Number:	17068729
Application Number:	17018764
Application Number:	17077316
Application Number:	17013394
Application Number:	17012856
Application Number:	17007401
Application Number:	17110142
Application Number:	17015971
Application Number:	17063544
Application Number:	17120013
Application Number:	17135755
Application Number:	17127399
Application Number:	17127506
Application Number:	17136636
Application Number:	17138096
Application Number:	17102077
Application Number:	63129456
Application Number:	63133021
Application Number:	17139363
Application Number:	17101878
Application Number:	63106551
Application Number:	17113287
Application Number:	63136162
Application Number:	17097340
Application Number:	63106819
Application Number:	17097575
Application Number:	17098029
Application Number:	17193414
Application Number:	63151027
Application Number:	63114695
Application Number:	17224103
Application Number:	63158808
Application Number:	17186459
Application Number:	17218827
Application Number:	17192092
Application Number:	63165058
Application Number:	63165622

Application Number:	17148907
Application Number:	17156964
Application Number:	17166806
Application Number:	17177084
Application Number:	63135456
Application Number:	17173928
Application Number:	17339759
Application Number:	17331478
Application Number:	63155217
Application Number:	17195369
Application Number:	63152297
Application Number:	63152303
Application Number:	63152312
Application Number:	63166891
Application Number:	63175336
Application Number:	63173957
Application Number:	63147137
Application Number:	63189580
Application Number:	63189899
Application Number:	63146511
Application Number:	63156209
Application Number:	17182951
Application Number:	17336716
Application Number:	17391765
Application Number:	63188632
Application Number:	63162398
Application Number:	17461755
Application Number:	63168188
Application Number:	17203286
Application Number:	17227210
Application Number:	17224487
Application Number:	63177812
Application Number:	63173417
Application Number:	17351501
Application Number:	17246319
Application Number:	17315811
Application Number:	17394159
Application Number:	63185789

Application Number:	17394096
Application Number:	17407922
Application Number:	17362676
Application Number:	63219638
Application Number:	17479534
Application Number:	63257439
Application Number:	17352109
Application Number:	63214076
Application Number:	63211978
Application Number:	17491281
Application Number:	17540143
Application Number:	17535005
Application Number:	63241983
Application Number:	17534093
Application Number:	17375473
Application Number:	17382680
Application Number:	17382118
Application Number:	17504276
Application Number:	17521623
Application Number:	63247173
Application Number:	17491307
Application Number:	63247182
Application Number:	63248849
Application Number:	63250064
Application Number:	17525510
Application Number:	63270478
Application Number:	63255269
Application Number:	29815775
Application Number:	63272621
Application Number:	63249159
Application Number:	17512508
Application Number:	17548307
Application Number:	17537992
Application Number:	17543178
Application Number:	17512478
Application Number:	17543539
Application Number:	63272098

Application Number:	17524598
Application Number:	63276114
Application Number:	17544509

CORRESPONDENCE DATA**Fax Number:** (650)739-7699**Phone:** 650-739-7500**Email:** Cal-PTOmail@bakerbotts.com*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.***Correspondent Name:** BAKER BOTTS L.L.P.**Address Line 1:** 1001 PAGE MILL RD.**Address Line 2:** BUILDING ONE, SUITE 200**Address Line 4:** PALO ALTO, CALIFORNIA 94304-1007**NAME OF SUBMITTER:**

VANJOHN VISAN

Signature:

/Vanjohn Visan/

Date:

12/20/2021

Total Attachments: 2

source=2021-12-20_Facebook_Inc_Name_Change#page1.tif

source=2021-12-20_Facebook_Inc_Name_Change#page2.tif

RECEIPT INFORMATION**EPAS ID:** PAT7084344**Receipt Date:** 12/20/2021[Return to home page](#)[| HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)

Delaware

The First State

Page 1

*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 RESTATED CERTIFICATE OF "FACEBOOK, INC.", CHANGING
ITS NAME FROM "FACEBOOK, INC." TO "META PLATFORMS, INC.", FILED
IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF OCTOBER, A.D. 2021,
AT 2:33 O'CLOCK P.M.*



3835815 8100
SR# 20213643318

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

A handwritten signature in black ink, appearing to read "JBullock", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 204539177
Date: 10-28-21

PATENT
REEL: 059554 FRAME: 0289

Facebook, Inc.

AMENDED & RESTATED CERTIFICATE OF INCORPORATION

Facebook, Inc., a Delaware corporation, hereby certifies as follows.

1. The name of the corporation is Facebook, Inc. The date of filing its original Certificate of Incorporation with the Secretary of State was July 29, 2004, under the name TheFacebook, Inc.

2. The Amended & Restated Certificate of Incorporation of the corporation attached hereto as Exhibit A, which is incorporated herein by this reference, and which restates, integrates and further amends provisions of the Certificate of Incorporation of this corporation as heretofore amended and/or restated, has been duly adopted by the corporation's Board of Directors and by the stockholders in accordance with Sections 242 and 245 of the General Corporation Law of the State of Delaware.

3. The Amended & Restated Certificate of Incorporation shall be effective on the date of filing with the Secretary of State of Delaware.

4. The text of the Restated Certificate of Incorporation is hereby amended and restated in its entirety to read as Exhibit A hereto.

IN WITNESS WHEREOF, this corporation has caused this Amended & Restated Certificate of Incorporation to be signed by its duly authorized officer and the foregoing facts stated herein are true and correct.

Dated: October 28, 2021

FACEBOOK, INC.

By: /s/ Mark Zuckerberg

Name: Mark Zuckerberg

Title: Chief Executive Officer