

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

Name	Execution Date
Motorola, Inc	01/04/2011

RECEIVING PARTY DATA

Name:	Motorola Solutions, Inc.
Street Address:	1303 E. Algonquin Road
Internal Address:	IL01-11th Floor
City:	Schaumburg
State/Country:	ILLINOIS
Postal Code:	60196

PROPERTY NUMBERS Total: 1868

Property Type	Number
Patent Number:	5088007
Patent Number:	5128633
Patent Number:	5129850
Patent Number:	5133676
Patent Number:	5140196
Patent Number:	5140288
Patent Number:	5141460
Patent Number:	5144264
Patent Number:	5146231
Patent Number:	5148482
Patent Number:	5164690
Patent Number:	5166646
Patent Number:	5166857
Patent Number:	5179358

CH \$74720.00 5088007

Patent Number:	5180951
Patent Number:	5194884
Patent Number:	5195136
Patent Number:	5212412
Patent Number:	5220565
Patent Number:	5220676
Patent Number:	5220678
Patent Number:	5221038
Patent Number:	5230083
Patent Number:	5235131
Patent Number:	5235598
Patent Number:	5239466
Patent Number:	5239672
Patent Number:	5239678
Patent Number:	5247133
Patent Number:	5247215
Patent Number:	5252833
Patent Number:	5257413
Patent Number:	5258685
Patent Number:	5265262
Patent Number:	5269453
Patent Number:	5271017
Patent Number:	5278475
Patent Number:	5278522
Patent Number:	5279521
Patent Number:	5280629
Patent Number:	5283501
Patent Number:	5287295
Patent Number:	5287552
Patent Number:	5288769
Patent Number:	5289086
Patent Number:	5290610
Patent Number:	5293401
Patent Number:	5293639
Patent Number:	5294749

	5297162
Patent Number:	5300862
Patent Number:	5301357
Patent Number:	5303406
Patent Number:	5313653
Patent Number:	5313654
Patent Number:	5313655
Patent Number:	5317285
Patent Number:	5317308
Patent Number:	5319796
Patent Number:	5323321
Patent Number:	5325424
Patent Number:	5325432
Patent Number:	5327582
Patent Number:	5329256
Patent Number:	5329574
Patent Number:	5331268
Patent Number:	5335350
Patent Number:	5335357
Patent Number:	5345469
Patent Number:	5346784
Patent Number:	5349209
Patent Number:	5349584
Patent Number:	5352991
Patent Number:	5355367
Patent Number:	5355524
Patent Number:	5357561
Patent Number:	5359624
Patent Number:	5359669
Patent Number:	5359696
Patent Number:	5361302
Patent Number:	5363315
Patent Number:	5363426
Patent Number:	5363427
Patent Number:	5363447

	5365027
Patent Number:	5365525
Patent Number:	5367133
Patent Number:	5369781
Patent Number:	5371453
Patent Number:	5371492
Patent Number:	5371739
Patent Number:	5371898
Patent Number:	5371901
Patent Number:	5372294
Patent Number:	5373536
Patent Number:	5376902
Patent Number:	5377193
Patent Number:	5377229
Patent Number:	5378298
Patent Number:	5378996
Patent Number:	5379008
Patent Number:	5379185
Patent Number:	5379279
Patent Number:	5381137
Patent Number:	5381346
Patent Number:	5381403
Patent Number:	5381479
Patent Number:	5382915
Patent Number:	5383098
Patent Number:	5386495
Patent Number:	5387905
Patent Number:	5388212
Patent Number:	5389839
Patent Number:	5390080
Patent Number:	5390360
Patent Number:	5391402
Patent Number:	5392003
Patent Number:	5392011
Patent Number:	5392044

	5392283
Patent Number:	5392449
Patent Number:	5396647
Patent Number:	5397408
Patent Number:	5404081
Patent Number:	5404403
Patent Number:	5408466
Patent Number:	5410441
Patent Number:	5410602
Patent Number:	5410752
Patent Number:	5411199
Patent Number:	5412393
Patent Number:	5412721
Patent Number:	5414596
Patent Number:	5415944
Patent Number:	5416468
Patent Number:	5416770
Patent Number:	5420909
Patent Number:	5421083
Patent Number:	5422433
Patent Number:	5422597
Patent Number:	5423055
Patent Number:	5423058
Patent Number:	5423059
Patent Number:	5423066
Patent Number:	5427865
Patent Number:	5428783
Patent Number:	5428823
Patent Number:	5430247
Patent Number:	5430249
Patent Number:	5430347
Patent Number:	5430348
Patent Number:	5430775
Patent Number:	5430830
Patent Number:	5434588

	5434788
Patent Number:	5434856
Patent Number:	5435838
Patent Number:	5436420
Patent Number:	5438694
Patent Number:	5438703
Patent Number:	5442256
Patent Number:	5442317
Patent Number:	5442805
Patent Number:	5442809
Patent Number:	5446447
Patent Number:	5446730
Patent Number:	5446761
Patent Number:	5448758
Patent Number:	5450405
Patent Number:	5450527
Patent Number:	5450611
Patent Number:	5452465
Patent Number:	5452842
Patent Number:	5455890
Patent Number:	5455965
Patent Number:	5457748
Patent Number:	5459482
Patent Number:	5459761
Patent Number:	5468169
Patent Number:	5469002
Patent Number:	5469409
Patent Number:	5469569
Patent Number:	5471471
Patent Number:	5471532
Patent Number:	5471646
Patent Number:	5473338
Patent Number:	5473376
Patent Number:	5473605
Patent Number:	5475397

	5477110
Patent Number:	5481259
Patent Number:	5481541
Patent Number:	5481651
Patent Number:	5483672
Patent Number:	5483691
Patent Number:	5488559
Patent Number:	5488662
Patent Number:	5489894
Patent Number:	5489940
Patent Number:	5490088
Patent Number:	5490137
Patent Number:	5493286
Patent Number:	5493287
Patent Number:	5493695
Patent Number:	5493716
Patent Number:	5495250
Patent Number:	5495399
Patent Number:	5495483
Patent Number:	5502347
Patent Number:	5502348
Patent Number:	5502767
Patent Number:	5504784
Patent Number:	5506493
Patent Number:	5507009
Patent Number:	5507014
Patent Number:	5511232
Patent Number:	5512884
Patent Number:	5514937
Patent Number:	5517510
Patent Number:	5519303
Patent Number:	5519387
Patent Number:	5519886
Patent Number:	5521794
Patent Number:	5521941

	5524285
Patent Number:	5524290
Patent Number:	5525998
Patent Number:	5528098
Patent Number:	5528108
Patent Number:	5528233
Patent Number:	5528691
Patent Number:	5530699
Patent Number:	5533097
Patent Number:	5534860
Patent Number:	5534876
Patent Number:	5535247
Patent Number:	5535426
Patent Number:	5535437
Patent Number:	5537474
Patent Number:	5539299
Patent Number:	5540379
Patent Number:	5541554
Patent Number:	5541580
Patent Number:	5541953
Patent Number:	5541997
Patent Number:	5542108
Patent Number:	5542119
Patent Number:	5543785
Patent Number:	5544159
Patent Number:	5546302
Patent Number:	5548840
Patent Number:	5550366
Patent Number:	5550426
Patent Number:	5550732
Patent Number:	5551062
Patent Number:	5551064
Patent Number:	5551068
Patent Number:	5552547
Patent Number:	5552677

	5553314
Patent Number:	5557605
Patent Number:	5559468
Patent Number:	5563623
Patent Number:	5563889
Patent Number:	5564071
Patent Number:	5565756
Patent Number:	5566181
Patent Number:	5570065
Patent Number:	5572512
Patent Number:	5572546
Patent Number:	5574358
Patent Number:	5574992
Patent Number:	5576610
Patent Number:	5576612
Patent Number:	5578906
Patent Number:	5582240
Patent Number:	5583349
Patent Number:	5583415
Patent Number:	5584062
Patent Number:	5586120
Patent Number:	5587250
Patent Number:	5587649
Patent Number:	5591480
Patent Number:	5594796
Patent Number:	5594947
Patent Number:	5596333
Patent Number:	5598179
Patent Number:	5600683
Patent Number:	5602868
Patent Number:	5604733
Patent Number:	5606215
Patent Number:	5606313
Patent Number:	5606578
Patent Number:	5606711

	5607791
Patent Number:	5607792
Patent Number:	5608188
Patent Number:	5610478
Patent Number:	5612846
Patent Number:	5613207
Patent Number:	5613209
Patent Number:	5613213
Patent Number:	5613215
Patent Number:	5613863
Patent Number:	5614694
Patent Number:	5614890
Patent Number:	5615261
Patent Number:	5623127
Patent Number:	5625875
Patent Number:	5625887
Patent Number:	5629929
Patent Number:	5631120
Patent Number:	5631636
Patent Number:	5633561
Patent Number:	5633987
Patent Number:	5634203
Patent Number:	5638055
Patent Number:	5638378
Patent Number:	5640336
Patent Number:	5644187
Patent Number:	5646652
Patent Number:	5647969
Patent Number:	5648715
Patent Number:	5648766
Patent Number:	5649062
Patent Number:	5649132
Patent Number:	5649298
Patent Number:	5649303
Patent Number:	5651030

	5654734
Patent Number:	5654958
Patent Number:	5656508
Patent Number:	5661492
Patent Number:	5663692
Patent Number:	5666364
Patent Number:	5667724
Patent Number:	5668875
Patent Number:	5669581
Patent Number:	5678193
Patent Number:	5678197
Patent Number:	5680398
Patent Number:	5684368
Patent Number:	5684472
Patent Number:	5689278
Patent Number:	5689802
Patent Number:	5689809
Patent Number:	5689810
Patent Number:	5689823
Patent Number:	5694025
Patent Number:	5695690
Patent Number:	5695886
Patent Number:	5696385
Patent Number:	5698941
Patent Number:	5701312
Patent Number:	5701355
Patent Number:	5703394
Patent Number:	5703470
Patent Number:	5705285
Patent Number:	5708325
Patent Number:	5711010
Patent Number:	5717287
Patent Number:	5719871
Patent Number:	5723950
Patent Number:	5724369

	5724486
Patent Number:	5724648
Patent Number:	5724652
Patent Number:	5726529
Patent Number:	5726646
Patent Number:	5727084
Patent Number:	5728532
Patent Number:	5729559
Patent Number:	5731660
Patent Number:	5731661
Patent Number:	5731799
Patent Number:	5734268
Patent Number:	5738919
Patent Number:	5739852
Patent Number:	5742484
Patent Number:	5745677
Patent Number:	5745854
Patent Number:	5747183
Patent Number:	5747363
Patent Number:	5748038
Patent Number:	5748620
Patent Number:	5748678
Patent Number:	5754954
Patent Number:	5758267
Patent Number:	5758317
Patent Number:	5764699
Patent Number:	5768683
Patent Number:	5771374
Patent Number:	5773931
Patent Number:	5774812
Patent Number:	5778304
Patent Number:	5778320
Patent Number:	5781075
Patent Number:	5784688
Patent Number:	5788523

	5789848
Patent Number:	5790605
Patent Number:	5790956
Patent Number:	5790962
Patent Number:	5794151
Patent Number:	5796722
Patent Number:	5796784
Patent Number:	5796924
Patent Number:	5799246
Patent Number:	5799253
Patent Number:	5799296
Patent Number:	5801486
Patent Number:	5801654
Patent Number:	5801690
Patent Number:	5802481
Patent Number:	5805447
Patent Number:	5805466
Patent Number:	5805575
Patent Number:	5805634
Patent Number:	5805640
Patent Number:	5805984
Patent Number:	5806002
Patent Number:	5808711
Patent Number:	5809148
Patent Number:	5809412
Patent Number:	5811177
Patent Number:	5811927
Patent Number:	5815508
Patent Number:	5817431
Patent Number:	5821854
Patent Number:	5822694
Patent Number:	5823495
Patent Number:	5827482
Patent Number:	5829102
Patent Number:	5831482

	5835485
Patent Number:	5847683
Patent Number:	5847787
Patent Number:	5849426
Patent Number:	5853905
Patent Number:	5856935
Patent Number:	5862490
Patent Number:	5864752
Patent Number:	5864764
Patent Number:	5867488
Patent Number:	5867491
Patent Number:	5870149
Patent Number:	5878324
Patent Number:	5881095
Patent Number:	5884089
Patent Number:	5884159
Patent Number:	5888662
Patent Number:	5892395
Patent Number:	5894193
Patent Number:	5894276
Patent Number:	5897627
Patent Number:	5898362
Patent Number:	5898789
Patent Number:	5898912
Patent Number:	5900829
Patent Number:	5902677
Patent Number:	5903196
Patent Number:	5903550
Patent Number:	5905372
Patent Number:	5905960
Patent Number:	5906004
Patent Number:	5906339
Patent Number:	5907471
Patent Number:	5908340
Patent Number:	5909104

	5910380
Patent Number:	5910782
Patent Number:	5912507
Patent Number:	5915208
Patent Number:	5917447
Patent Number:	5918182
Patent Number:	5920178
Patent Number:	5923454
Patent Number:	5925980
Patent Number:	5926514
Patent Number:	5926761
Patent Number:	5928325
Patent Number:	5929656
Patent Number:	5929825
Patent Number:	5929845
Patent Number:	5932989
Patent Number:	5933780
Patent Number:	5936581
Patent Number:	5939856
Patent Number:	5939941
Patent Number:	5940768
Patent Number:	5942952
Patent Number:	5946632
Patent Number:	5949187
Patent Number:	5953640
Patent Number:	5956647
Patent Number:	5959499
Patent Number:	5960360
Patent Number:	5961362
Patent Number:	5963851
Patent Number:	5963860
Patent Number:	5965907
Patent Number:	5966443
Patent Number:	5966659
Patent Number:	5970381

	5970416
Patent Number:	5974057
Patent Number:	5974106
Patent Number:	5974181
Patent Number:	5977704
Patent Number:	5982895
Patent Number:	5983102
Patent Number:	5984748
Patent Number:	5985417
Patent Number:	5986430
Patent Number:	5987016
Patent Number:	5987022
Patent Number:	5987068
Patent Number:	5987331
Patent Number:	5990613
Patent Number:	5994997
Patent Number:	5996184
Patent Number:	5998805
Patent Number:	6002334
Patent Number:	6002941
Patent Number:	6008102
Patent Number:	6009183
Patent Number:	6009450
Patent Number:	6013383
Patent Number:	6018261
Patent Number:	6018514
Patent Number:	6018522
Patent Number:	6019624
Patent Number:	6023150
Patent Number:	6023719
Patent Number:	6025819
Patent Number:	6026366
Patent Number:	6031336
Patent Number:	6031344
Patent Number:	6031455

	6031831
Patent Number:	6032168
Patent Number:	6037991
Patent Number:	6040773
Patent Number:	6040846
Patent Number:	6041007
Patent Number:	6042445
Patent Number:	6046541
Patent Number:	6046575
Patent Number:	6048692
Patent Number:	6051924
Patent Number:	6052578
Patent Number:	6052601
Patent Number:	6055556
Patent Number:	6057167
Patent Number:	6059627
Patent Number:	6060023
Patent Number:	6060840
Patent Number:	6064151
Patent Number:	6069535
Patent Number:	6069805
Patent Number:	6070051
Patent Number:	6070065
Patent Number:	6071640
Patent Number:	6072272
Patent Number:	6072774
Patent Number:	6075316
Patent Number:	6075323
Patent Number:	6075509
Patent Number:	6075989
Patent Number:	6078801
Patent Number:	6080031
Patent Number:	6081071
Patent Number:	6081706
Patent Number:	6083634

	6084339
Patent Number:	6084347
Patent Number:	6087765
Patent Number:	6091190
Patent Number:	6091194
Patent Number:	6094001
Patent Number:	6094138
Patent Number:	6097269
Patent Number:	6101259
Patent Number:	6103134
Patent Number:	6104119
Patent Number:	6107736
Patent Number:	6107921
Patent Number:	6108212
Patent Number:	6109977
Patent Number:	6111270
Patent Number:	6111361
Patent Number:	6112060
Patent Number:	6114055
Patent Number:	6114802
Patent Number:	6114970
Patent Number:	6114980
Patent Number:	6115365
Patent Number:	6115589
Patent Number:	6118322
Patent Number:	6119007
Patent Number:	6119017
Patent Number:	6120932
Patent Number:	6121819
Patent Number:	6122310
Patent Number:	6122492
Patent Number:	6122528
Patent Number:	6125272
Patent Number:	6127804
Patent Number:	6128346

	6130001
Patent Number:	6130601
Patent Number:	6133692
Patent Number:	6133833
Patent Number:	6134443
Patent Number:	6136467
Patent Number:	6137213
Patent Number:	6137796
Patent Number:	6138048
Patent Number:	6140764
Patent Number:	6141347
Patent Number:	6141436
Patent Number:	6141533
Patent Number:	6141756
Patent Number:	6144157
Patent Number:	6144673
Patent Number:	6144905
Patent Number:	6145082
Patent Number:	6147543
Patent Number:	6147605
Patent Number:	6148199
Patent Number:	6148204
Patent Number:	6150796
Patent Number:	6151551
Patent Number:	6157235
Patent Number:	6157260
Patent Number:	6157300
Patent Number:	6157723
Patent Number:	6157822
Patent Number:	6157829
Patent Number:	6160515
Patent Number:	6160852
Patent Number:	6160859
Patent Number:	6163680
Patent Number:	6163730

	6166522
Patent Number:	6166668
Patent Number:	6167282
Patent Number:	6167472
Patent Number:	6169641
Patent Number:	6171921
Patent Number:	6178210
Patent Number:	6178398
Patent Number:	6181734
Patent Number:	6181956
Patent Number:	6184874
Patent Number:	6184882
Patent Number:	6188287
Patent Number:	6189125
Patent Number:	6192226
Patent Number:	6194089
Patent Number:	6194990
Patent Number:	6198779
Patent Number:	6202059
Patent Number:	6203981
Patent Number:	6204597
Patent Number:	6204844
Patent Number:	6212240
Patent Number:	6216006
Patent Number:	6218942
Patent Number:	6219389
Patent Number:	6222313
Patent Number:	6225035
Patent Number:	6225761
Patent Number:	6225777
Patent Number:	6225848
Patent Number:	6229098
Patent Number:	6230179
Patent Number:	6232042
Patent Number:	6233788

	6236316
Patent Number:	6236837
Patent Number:	6240278
Patent Number:	6246177
Patent Number:	6246213
Patent Number:	6246214
Patent Number:	6246866
Patent Number:	6252379
Patent Number:	6253091
Patent Number:	6255805
Patent Number:	6256866
Patent Number:	6259301
Patent Number:	6266517
Patent Number:	6266717
Patent Number:	6268713
Patent Number:	6268715
Patent Number:	6271707
Patent Number:	6275131
Patent Number:	6275585
Patent Number:	6275681
Patent Number:	6275707
Patent Number:	6278753
Patent Number:	6280656
Patent Number:	6282407
Patent Number:	6282430
Patent Number:	6285425
Patent Number:	6285426
Patent Number:	6288609
Patent Number:	6290564
Patent Number:	6295450
Patent Number:	6295491
Patent Number:	6297703
Patent Number:	6298058
Patent Number:	6300042
Patent Number:	6300743

	6305540
Patent Number:	6307282
Patent Number:	6307327
Patent Number:	6307758
Patent Number:	6310576
Patent Number:	6316916
Patent Number:	6316956
Patent Number:	6317224
Patent Number:	6321086
Patent Number:	6326224
Patent Number:	6326640
Patent Number:	6331764
Patent Number:	6340878
Patent Number:	6342164
Patent Number:	6345173
Patent Number:	6349456
Patent Number:	6351638
Patent Number:	6353286
Patent Number:	6353393
Patent Number:	6353649
Patent Number:	6353732
Patent Number:	6356767
Patent Number:	6362566
Patent Number:	6362738
Patent Number:	6363070
Patent Number:	6366782
Patent Number:	6373901
Patent Number:	6374108
Patent Number:	6374179
Patent Number:	6378200
Patent Number:	6380890
Patent Number:	6381466
Patent Number:	6384580
Patent Number:	6385455
Patent Number:	6385459

	6392544
Patent Number:	6397049
Patent Number:	6397061
Patent Number:	6400934
Patent Number:	6404339
Patent Number:	6405026
Patent Number:	6408179
Patent Number:	6411213
Patent Number:	6411816
Patent Number:	6417691
Patent Number:	6417739
Patent Number:	6420986
Patent Number:	6433511
Patent Number:	6440318
Patent Number:	6441559
Patent Number:	6441753
Patent Number:	6442389
Patent Number:	6445159
Patent Number:	6456036
Patent Number:	6456037
Patent Number:	6456855
Patent Number:	6457337
Patent Number:	6459333
Patent Number:	6459889
Patent Number:	6466905
Patent Number:	6470189
Patent Number:	6473038
Patent Number:	6473734
Patent Number:	6477387
Patent Number:	6479968
Patent Number:	6480709
Patent Number:	6490326
Patent Number:	6490452
Patent Number:	6490645
Patent Number:	6492717

	6496112
Patent Number:	6498787
Patent Number:	6498809
Patent Number:	6498819
Patent Number:	6507569
Patent Number:	6510191
Patent Number:	6510326
Patent Number:	6515623
Patent Number:	6519275
Patent Number:	6529740
Patent Number:	6531964
Patent Number:	6541137
Patent Number:	6541300
Patent Number:	6542136
Patent Number:	6542270
Patent Number:	6547618
Patent Number:	6549778
Patent Number:	6556080
Patent Number:	6559819
Patent Number:	6560125
Patent Number:	6563467
Patent Number:	6563857
Patent Number:	6563934
Patent Number:	6564039
Patent Number:	6564041
Patent Number:	6564066
Patent Number:	6567667
Patent Number:	6573792
Patent Number:	6574111
Patent Number:	6575156
Patent Number:	6577057
Patent Number:	6577640
Patent Number:	6577953
Patent Number:	6580369
Patent Number:	6580767

	6580916
Patent Number:	6580973
Patent Number:	6583977
Patent Number:	6584141
Patent Number:	6584324
Patent Number:	6587010
Patent Number:	6591111
Patent Number:	6593883
Patent Number:	6594478
Patent Number:	6594503
Patent Number:	6597919
Patent Number:	6600641
Patent Number:	6603141
Patent Number:	6603286
Patent Number:	6603964
Patent Number:	6606488
Patent Number:	6606525
Patent Number:	6606793
Patent Number:	6608470
Patent Number:	6611199
Patent Number:	6614323
Patent Number:	6614637
Patent Number:	6615136
Patent Number:	6621877
Patent Number:	6623049
Patent Number:	6624711
Patent Number:	6624712
Patent Number:	6625237
Patent Number:	6631066
Patent Number:	6631196
Patent Number:	6633095
Patent Number:	6633119
Patent Number:	6636799
Patent Number:	6640088
Patent Number:	6640109

	6642046
Patent Number:	6645028
Patent Number:	6647020
Patent Number:	6647078
Patent Number:	6650185
Patent Number:	6651501
Patent Number:	6658075
Patent Number:	6661024
Patent Number:	6661927
Patent Number:	6662330
Patent Number:	6667606
Patent Number:	6667659
Patent Number:	6670901
Patent Number:	6672925
Patent Number:	6674273
Patent Number:	6680930
Patent Number:	6681278
Patent Number:	6690916
Patent Number:	6697022
Patent Number:	6697349
Patent Number:	6697614
Patent Number:	6698290
Patent Number:	6700938
Patent Number:	6704564
Patent Number:	6710702
Patent Number:	6714105
Patent Number:	6714514
Patent Number:	6714764
Patent Number:	6714787
Patent Number:	6714795
Patent Number:	6716078
Patent Number:	6717484
Patent Number:	6720569
Patent Number:	6721297
Patent Number:	6724735

	6730056
Patent Number:	6731174
Patent Number:	6731694
Patent Number:	6733919
Patent Number:	6735417
Patent Number:	6741874
Patent Number:	6745038
Patent Number:	6745315
Patent Number:	6748230
Patent Number:	6751461
Patent Number:	6754190
Patent Number:	6754284
Patent Number:	6757262
Patent Number:	6757263
Patent Number:	6757326
Patent Number:	6760319
Patent Number:	6760705
Patent Number:	6763243
Patent Number:	6763996
Patent Number:	6764874
Patent Number:	6765366
Patent Number:	6765497
Patent Number:	6765969
Patent Number:	6766379
Patent Number:	6768355
Patent Number:	6768378
Patent Number:	6768398
Patent Number:	6768726
Patent Number:	6771051
Patent Number:	6771593
Patent Number:	6774724
Patent Number:	6775112
Patent Number:	6777629
Patent Number:	6778829
Patent Number:	6780733

	6781056
Patent Number:	6782266
Patent Number:	6784366
Patent Number:	6785254
Patent Number:	6785863
Patent Number:	6787695
Patent Number:	6788650
Patent Number:	6792296
Patent Number:	6794845
Patent Number:	6794913
Patent Number:	6798317
Patent Number:	6798755
Patent Number:	6799016
Patent Number:	6799159
Patent Number:	6799218
Patent Number:	6799261
Patent Number:	6801164
Patent Number:	6801512
Patent Number:	6804525
Patent Number:	6806542
Patent Number:	6806759
Patent Number:	6809008
Patent Number:	6810239
Patent Number:	6810459
Patent Number:	6813154
Patent Number:	6816493
Patent Number:	6816502
Patent Number:	6816734
Patent Number:	6819054
Patent Number:	6819180
Patent Number:	6819181
Patent Number:	6819286
Patent Number:	6822523
Patent Number:	6825754
Patent Number:	6826240

	6829514
Patent Number:	6829558
Patent Number:	6836664
Patent Number:	6839337
Patent Number:	6841080
Patent Number:	6842341
Patent Number:	6842432
Patent Number:	6842461
Patent Number:	6844814
Patent Number:	6845812
Patent Number:	6847300
Patent Number:	6847827
Patent Number:	6850536
Patent Number:	6859014
Patent Number:	6859022
Patent Number:	6861746
Patent Number:	6865393
Patent Number:	6867736
Patent Number:	6868352
Patent Number:	6870181
Patent Number:	6870816
Patent Number:	6872468
Patent Number:	6873221
Patent Number:	6876692
Patent Number:	6879133
Patent Number:	6879143
Patent Number:	6879517
Patent Number:	6879567
Patent Number:	6879809
Patent Number:	6882663
Patent Number:	6885152
Patent Number:	6888573
Patent Number:	6890230
Patent Number:	6891110
Patent Number:	6891190

	6891319
Patent Number:	6891420
Patent Number:	6897687
Patent Number:	6898191
Patent Number:	6898414
Patent Number:	6900616
Patent Number:	6901217
Patent Number:	6902412
Patent Number:	6902658
Patent Number:	6903533
Patent Number:	6904029
Patent Number:	6904268
Patent Number:	6905908
Patent Number:	6906619
Patent Number:	6909947
Patent Number:	6912387
Patent Number:	6914415
Patent Number:	6914876
Patent Number:	6915130
Patent Number:	6915471
Patent Number:	6917256
Patent Number:	6917598
Patent Number:	6919850
Patent Number:	6920114
Patent Number:	6920680
Patent Number:	6922716
Patent Number:	6928065
Patent Number:	6928122
Patent Number:	6928372
Patent Number:	6930608
Patent Number:	6931249
Patent Number:	6934246
Patent Number:	6934938
Patent Number:	6937856
Patent Number:	6947446

	6947880
Patent Number:	6950309
Patent Number:	6952044
Patent Number:	6952592
Patent Number:	6954446
Patent Number:	6956487
Patent Number:	6957056
Patent Number:	6959203
Patent Number:	6959397
Patent Number:	6961311
Patent Number:	6961553
Patent Number:	6961790
Patent Number:	6962515
Patent Number:	6963378
Patent Number:	6965339
Patent Number:	6966024
Patent Number:	6970518
Patent Number:	6970519
Patent Number:	6970703
Patent Number:	6971056
Patent Number:	6971162
Patent Number:	6972719
Patent Number:	6973052
Patent Number:	6973069
Patent Number:	6973303
Patent Number:	6973318
Patent Number:	6973320
Patent Number:	6975884
Patent Number:	6978317
Patent Number:	6980116
Patent Number:	6980535
Patent Number:	6980775
Patent Number:	6982960
Patent Number:	6983162
Patent Number:	6983172

	6985535
Patent Number:	6985696
Patent Number:	6990362
Patent Number:	6992321
Patent Number:	6993478
Patent Number:	6998818
Patent Number:	6998928
Patent Number:	6999031
Patent Number:	6999465
Patent Number:	6999770
Patent Number:	6999774
Patent Number:	7002985
Patent Number:	7002987
Patent Number:	7003303
Patent Number:	7006508
Patent Number:	7009970
Patent Number:	7009972
Patent Number:	7010055
Patent Number:	7010313
Patent Number:	7010315
Patent Number:	7016503
Patent Number:	7016661
Patent Number:	7020087
Patent Number:	7023813
Patent Number:	7023817
Patent Number:	7023828
Patent Number:	7027535
Patent Number:	7027827
Patent Number:	7028893
Patent Number:	7030666
Patent Number:	7030815
Patent Number:	7031067
Patent Number:	7031280
Patent Number:	7032047
Patent Number:	7035364

	7035584
Patent Number:	7035640
Patent Number:	7038571
Patent Number:	7046617
Patent Number:	7046996
Patent Number:	7047019
Patent Number:	7050467
Patent Number:	7050805
Patent Number:	7054302
Patent Number:	7054747
Patent Number:	7056800
Patent Number:	7057492
Patent Number:	7058030
Patent Number:	7062286
Patent Number:	7064660
Patent Number:	7065150
Patent Number:	7065335
Patent Number:	7068012
Patent Number:	7068169
Patent Number:	7069016
Patent Number:	7069260
Patent Number:	7069338
Patent Number:	7070472
Patent Number:	7071775
Patent Number:	7071777
Patent Number:	7072783
Patent Number:	7075929
Patent Number:	7079373
Patent Number:	7082207
Patent Number:	7082315
Patent Number:	7083445
Patent Number:	7085390
Patent Number:	7085549
Patent Number:	7085573
Patent Number:	7089006

	7089026
Patent Number:	7092726
Patent Number:	7092730
Patent Number:	7093006
Patent Number:	7095856
Patent Number:	7095892
Patent Number:	7096013
Patent Number:	7096017
Patent Number:	7099460
Patent Number:	7099469
Patent Number:	7100019
Patent Number:	7102429
Patent Number:	7102570
Patent Number:	7103011
Patent Number:	7103024
Patent Number:	7103106
Patent Number:	7103111
Patent Number:	7105913
Patent Number:	7109766
Patent Number:	7113788
Patent Number:	7113804
Patent Number:	7116643
Patent Number:	7117128
Patent Number:	7120136
Patent Number:	7120147
Patent Number:	7123198
Patent Number:	7123719
Patent Number:	7126912
Patent Number:	7127436
Patent Number:	7128140
Patent Number:	7130427
Patent Number:	7130665
Patent Number:	7132932
Patent Number:	7133000
Patent Number:	7133371

	7133398
Patent Number:	7133432
Patent Number:	7133468
Patent Number:	7133516
Patent Number:	7133643
Patent Number:	7136664
Patent Number:	7138068
Patent Number:	7139701
Patent Number:	7142441
Patent Number:	7143125
Patent Number:	7145313
Patent Number:	7145410
Patent Number:	7146158
Patent Number:	7146187
Patent Number:	7149554
Patent Number:	7151678
Patent Number:	7154338
Patent Number:	7154978
Patent Number:	7155225
Patent Number:	7155254
Patent Number:	7155388
Patent Number:	7161491
Patent Number:	7161915
Patent Number:	7161921
Patent Number:	7162000
Patent Number:	7162081
Patent Number:	7162236
Patent Number:	7164670
Patent Number:	7170322
Patent Number:	7170868
Patent Number:	7171213
Patent Number:	7171239
Patent Number:	7171476
Patent Number:	7174168
Patent Number:	7181234

	7184774
Patent Number:	7184790
Patent Number:	7190679
Patent Number:	7193489
Patent Number:	7195145
Patent Number:	7197552
Patent Number:	7198516
Patent Number:	7199724
Patent Number:	7200129
Patent Number:	7200184
Patent Number:	7202719
Patent Number:	7202815
Patent Number:	7202828
Patent Number:	7202836
Patent Number:	7203207
Patent Number:	7203471
Patent Number:	7203476
Patent Number:	7203494
Patent Number:	7203729
Patent Number:	7206422
Patent Number:	7206859
Patent Number:	7209754
Patent Number:	7209769
Patent Number:	7212783
Patent Number:	7212841
Patent Number:	7218641
Patent Number:	7219209
Patent Number:	7221301
Patent Number:	7227885
Patent Number:	7228119
Patent Number:	7228130
Patent Number:	7233207
Patent Number:	7233291
Patent Number:	7233633
Patent Number:	7233679

	7239624
Patent Number:	7239876
Patent Number:	7241510
Patent Number:	7242947
Patent Number:	7243234
Patent Number:	7244626
Patent Number:	7245009
Patent Number:	7245898
Patent Number:	7248165
Patent Number:	7249861
Patent Number:	7250817
Patent Number:	7250818
Patent Number:	7251222
Patent Number:	7251243
Patent Number:	7251464
Patent Number:	7251468
Patent Number:	7254208
Patent Number:	7254535
Patent Number:	7257083
Patent Number:	7257171
Patent Number:	7259446
Patent Number:	7260762
Patent Number:	7263085
Patent Number:	7263363
Patent Number:	7265985
Patent Number:	7266687
Patent Number:	7266780
Patent Number:	7269138
Patent Number:	7271388
Patent Number:	7271532
Patent Number:	7274940
Patent Number:	7277049
Patent Number:	7277401
Patent Number:	7280936
Patent Number:	7280958

	7283579
Patent Number:	7288727
Patent Number:	7289004
Patent Number:	7289811
Patent Number:	7295159
Patent Number:	7295817
Patent Number:	7298229
Patent Number:	7302241
Patent Number:	7304955
Patent Number:	7305239
Patent Number:	7310317
Patent Number:	7310767
Patent Number:	7312580
Patent Number:	7312628
Patent Number:	7313205
Patent Number:	7315215
Patent Number:	7315730
Patent Number:	7315743
Patent Number:	7317918
Patent Number:	7317925
Patent Number:	7321331
Patent Number:	7328035
Patent Number:	7336933
Patent Number:	7337528
Patent Number:	7339917
Patent Number:	7339946
Patent Number:	7340226
Patent Number:	7340266
Patent Number:	7342445
Patent Number:	7343163
Patent Number:	7346222
Patent Number:	7347731
Patent Number:	7349325
Patent Number:	7353005
Patent Number:	7353031

	7353038
Patent Number:	7355225
Patent Number:	7355991
Patent Number:	7359712
Patent Number:	7361847
Patent Number:	7363406
Patent Number:	7366513
Patent Number:	7366533
Patent Number:	7366780
Patent Number:	7369137
Patent Number:	7369567
Patent Number:	7369852
Patent Number:	7369869
Patent Number:	7373125
Patent Number:	7375979
Patent Number:	7378346
Patent Number:	7379443
Patent Number:	7381078
Patent Number:	7381086
Patent Number:	7382039
Patent Number:	7382066
Patent Number:	7382757
Patent Number:	7382758
Patent Number:	7383021
Patent Number:	7388886
Patent Number:	7390978
Patent Number:	7391785
Patent Number:	7394386
Patent Number:	7397372
Patent Number:	7397775
Patent Number:	7398088
Patent Number:	7400247
Patent Number:	7404750
Patent Number:	7406711
Patent Number:	7408931

	7409012
Patent Number:	7409416
Patent Number:	7410371
Patent Number:	7411458
Patent Number:	7411502
Patent Number:	7413924
Patent Number:	7414572
Patent Number:	7414992
Patent Number:	7415241
Patent Number:	7415623
Patent Number:	7417517
Patent Number:	7418276
Patent Number:	7419027
Patent Number:	7421464
Patent Number:	7421512
Patent Number:	7421582
Patent Number:	7423598
Patent Number:	7423608
Patent Number:	7424116
Patent Number:	7424312
Patent Number:	7425392
Patent Number:	7425817
Patent Number:	7427562
Patent Number:	7428423
Patent Number:	7429820
Patent Number:	7429953
Patent Number:	7430729
Patent Number:	7431964
Patent Number:	7433330
Patent Number:	7433367
Patent Number:	7434310
Patent Number:	7436781
Patent Number:	7440462
Patent Number:	7440764
Patent Number:	7441224

	7443244
Patent Number:	7444727
Patent Number:	7446694
Patent Number:	7447173
Patent Number:	7449929
Patent Number:	7450947
Patent Number:	7451540
Patent Number:	7453412
Patent Number:	7453953
Patent Number:	7455958
Patent Number:	7459202
Patent Number:	7460836
Patent Number:	7461035
Patent Number:	7461253
Patent Number:	7468635
Patent Number:	7468665
Patent Number:	7469051
Patent Number:	7471156
Patent Number:	7471620
Patent Number:	7471621
Patent Number:	7474465
Patent Number:	7474711
Patent Number:	7477201
Patent Number:	7477893
Patent Number:	7479930
Patent Number:	7480297
Patent Number:	7483283
Patent Number:	7483380
Patent Number:	7483407
Patent Number:	7483409
Patent Number:	7483700
Patent Number:	7484981
Patent Number:	7486144
Patent Number:	7489675
Patent Number:	7489733

	7489797
Patent Number:	7489904
Patent Number:	7492239
Patent Number:	7492335
Patent Number:	7492604
Patent Number:	7492734
Patent Number:	7492773
Patent Number:	7492909
Patent Number:	7493124
Patent Number:	7498987
Patent Number:	7499418
Patent Number:	7499441
Patent Number:	7499547
Patent Number:	7499707
Patent Number:	7500170
Patent Number:	7501750
Patent Number:	7501985
Patent Number:	7502599
Patent Number:	7504893
Patent Number:	7505740
Patent Number:	7505951
Patent Number:	7508803
Patent Number:	7511684
Patent Number:	7512113
Patent Number:	7512220
Patent Number:	7515103
Patent Number:	7515577
Patent Number:	7518465
Patent Number:	7519034
Patent Number:	7521791
Patent Number:	7522727
Patent Number:	7523012
Patent Number:	7526317
Patent Number:	7528719
Patent Number:	7528720

	7528788
Patent Number:	7530875
Patent Number:	7536196
Patent Number:	7538683
Patent Number:	7539259
Patent Number:	7539494
Patent Number:	7541774
Patent Number:	7545088
Patent Number:	7546085
Patent Number:	7548517
Patent Number:	7550998
Patent Number:	7551127
Patent Number:	7556550
Patent Number:	7557304
Patent Number:	7558235
Patent Number:	7561551
Patent Number:	7561599
Patent Number:	7562148
Patent Number:	7564825
Patent Number:	7564830
Patent Number:	7564842
Patent Number:	7565265
Patent Number:	7567535
Patent Number:	7570096
Patent Number:	7570190
Patent Number:	7570769
Patent Number:	7570975
Patent Number:	7571313
Patent Number:	7573380
Patent Number:	7573805
Patent Number:	7574361
Patent Number:	7579215
Patent Number:	7580706
Patent Number:	7583643
Patent Number:	7590079

	7593372
Patent Number:	7593376
Patent Number:	7599341
Patent Number:	7599708
Patent Number:	7605686
Patent Number:	7606291
Patent Number:	7609150
Patent Number:	7612670
Patent Number:	7612671
Patent Number:	7612696
Patent Number:	7613156
Patent Number:	7613925
Patent Number:	7616617
Patent Number:	7616965
Patent Number:	7620003
Patent Number:	7620133
Patent Number:	7620393
Patent Number:	7620397
Patent Number:	7634240
Patent Number:	7634633
Patent Number:	7639193
Patent Number:	7640009
Patent Number:	7642677
Patent Number:	7643263
Patent Number:	7643636
Patent Number:	7646257
Patent Number:	7647615
Patent Number:	7653004
Patent Number:	7656804
Patent Number:	7664962
Patent Number:	7667285
Patent Number:	7668148
Patent Number:	7668307
Patent Number:	7668332
Patent Number:	7672388

	7675878
Patent Number:	7676805
Patent Number:	7684516
Patent Number:	7684816
Patent Number:	7686664
Patent Number:	7688208
Patent Number:	7688846
Patent Number:	7688970
Patent Number:	7689165
Patent Number:	7689187
Patent Number:	7689217
Patent Number:	7696837
Patent Number:	7696992
Patent Number:	7697450
Patent Number:	7697456
Patent Number:	7697479
Patent Number:	7698553
Patent Number:	7701923
Patent Number:	7701937
Patent Number:	7705707
Patent Number:	7706337
Patent Number:	7706465
Patent Number:	7706765
Patent Number:	7706822
Patent Number:	7707313
Patent Number:	7707415
Patent Number:	7707419
Patent Number:	7710915
Patent Number:	7710920
Patent Number:	7710932
Patent Number:	7711319
Patent Number:	7711371
Patent Number:	7711382
Patent Number:	7711383
Patent Number:	7715352

	7715559
Patent Number:	7719355
Patent Number:	7719848
Patent Number:	7720457
Patent Number:	7720476
Patent Number:	7722982
Patent Number:	7724702
Patent Number:	7725138
Patent Number:	7725308
Patent Number:	7725409
Patent Number:	7725717
Patent Number:	7728775
Patent Number:	7729380
Patent Number:	7729701
Patent Number:	7734052
Patent Number:	7734278
Patent Number:	7734280
Patent Number:	7734982
Patent Number:	7738591
Patent Number:	7741977
Patent Number:	7742010
Patent Number:	7742442
Patent Number:	7742448
Patent Number:	7742452
Patent Number:	7742545
Patent Number:	7742764
Patent Number:	7743094
Patent Number:	7743121
Patent Number:	7750691
Patent Number:	7751307
Patent Number:	7756214
Patent Number:	7756538
Patent Number:	7758353
Patent Number:	7760027
Patent Number:	7760702

	7760827
Patent Number:	7761085
Patent Number:	7761392
Patent Number:	7773707
Patent Number:	7773941
Patent Number:	7773995
Patent Number:	7780345
Patent Number:	7781915
Patent Number:	7782835
Patent Number:	7783285
Patent Number:	7783289
Patent Number:	7786772
Patent Number:	7786944
Patent Number:	7787382
Patent Number:	7787565
Patent Number:	7787613
Patent Number:	7787877
Patent Number:	7788387
Patent Number:	7791437
Patent Number:	7792050
Patent Number:	7792059
Patent Number:	7792110
Patent Number:	7792533
Patent Number:	7792640
Patent Number:	7793103
Patent Number:	7793104
Patent Number:	7796094
Patent Number:	7796632
Patent Number:	7796633
Patent Number:	7796945
Patent Number:	7796948
Patent Number:	7797007
Patent Number:	7797263
Patent Number:	7797672
Patent Number:	7801067

	7801068
Patent Number:	7801079
Patent Number:	7801143
Patent Number:	7801526
Patent Number:	7802005
Patent Number:	7804807
Patent Number:	7805117
Patent Number:	7805125
Patent Number:	7808205
Patent Number:	7808948
Patent Number:	7808956
Patent Number:	7808970
Patent Number:	7809559
Patent Number:	7812679
Patent Number:	7813327
Patent Number:	7813373
Patent Number:	7813510
Patent Number:	7814205
Patent Number:	7817103
Patent Number:	7817599
Patent Number:	7817980
Patent Number:	7817986
Patent Number:	7818011
Patent Number:	7818034
Patent Number:	7825775
Patent Number:	7829786
Patent Number:	7830839
Patent Number:	7835705
Patent Number:	7839826
Patent Number:	7840008
Patent Number:	7840009
Patent Number:	7844000
Patent Number:	7844460
Patent Number:	7848363
Patent Number:	7855639

	7859334
Patent Number:	7860060
Patent Number:	7860074
Patent Number:	7860196
Patent Number:	7860500
Patent Number:	7860521
Patent Number:	7860541
Patent Number:	7865717
Patent Number:	7869769
Patent Number:	7870180
Patent Number:	7872514
Patent Number:	7873047
Patent Number:	7876706
Patent Number:	7876740
Patent Number:	7876864
Patent Number:	7876868
Patent Number:	7880558
Patent Number:	7880607
Patent Number:	7881666
Patent Number:	7881726
Patent Number:	7881737
Patent Number:	7885240
Patent Number:	7885606
Patent Number:	7893814
Patent Number:	7894371
Patent Number:	7894377
Patent Number:	7894378
Patent Number:	7894388
Patent Number:	7894408
Patent Number:	7899193
Patent Number:	D378806
Patent Number:	D378820
Patent Number:	D378915
Patent Number:	D379092
Patent Number:	D379355

	D379799
Patent Number:	D379801
Patent Number:	D379808
Patent Number:	D379809
Patent Number:	D380728
Patent Number:	D380749
Patent Number:	D381011
Patent Number:	D381659
Patent Number:	D382253
Patent Number:	D382867
Patent Number:	D382869
Patent Number:	D382870
Patent Number:	D383123
Patent Number:	D383457
Patent Number:	D383745
Patent Number:	D384049
Patent Number:	D384345
Patent Number:	D385270
Patent Number:	D385868
Patent Number:	D386147
Patent Number:	D386767
Patent Number:	D387048
Patent Number:	D387049
Patent Number:	D387053
Patent Number:	D388053
Patent Number:	D388094
Patent Number:	D388399
Patent Number:	D388438
Patent Number:	D389139
Patent Number:	D389158
Patent Number:	D389827
Patent Number:	D389841
Patent Number:	D390554
Patent Number:	D390573
Patent Number:	D390850

	D391255
Patent Number:	D391267
Patent Number:	D392945
Patent Number:	D392969
Patent Number:	D393260
Patent Number:	D393265
Patent Number:	D393638
Patent Number:	D393834
Patent Number:	D394251
Patent Number:	D395882
Patent Number:	D395883
Patent Number:	D396700
Patent Number:	D397084
Patent Number:	D398304
Patent Number:	D398605
Patent Number:	D398923
Patent Number:	D398932
Patent Number:	D399504
Patent Number:	D399821
Patent Number:	D400191
Patent Number:	D400497
Patent Number:	D401215
Patent Number:	D401571
Patent Number:	D401916
Patent Number:	D402257
Patent Number:	D404392
Patent Number:	D406572
Patent Number:	D406833
Patent Number:	D407367
Patent Number:	D407406
Patent Number:	D408396
Patent Number:	D408811
Patent Number:	D409563
Patent Number:	D411536
Patent Number:	D411885

	D412486
Patent Number:	D412501
Patent Number:	D413022
Patent Number:	D413104
Patent Number:	D413609
Patent Number:	D413899
Patent Number:	D415165
Patent Number:	D415767
Patent Number:	D416025
Patent Number:	D417442
Patent Number:	D418107
Patent Number:	D419154
Patent Number:	D419552
Patent Number:	D422267
Patent Number:	D423511
Patent Number:	D425514
Patent Number:	D427577
Patent Number:	D428545
Patent Number:	D429226
Patent Number:	D435460
Patent Number:	D440560
Patent Number:	D442578
Patent Number:	D444124
Patent Number:	D448019
Patent Number:	D456790
Patent Number:	D459718
Patent Number:	D467889
Patent Number:	D473855
Patent Number:	D477816
Patent Number:	D478867
Patent Number:	D480389
Patent Number:	D480696
Patent Number:	D483344
Patent Number:	D483352
Patent Number:	D488472

	D488775
Patent Number:	D490786
Patent Number:	D493155
Patent Number:	D496632
Patent Number:	D496939
Patent Number:	D497600
Patent Number:	D503398
Patent Number:	D509199
Patent Number:	D510332
Patent Number:	D510722
Patent Number:	D514061
Patent Number:	D514077
Patent Number:	D518043
Patent Number:	D519099
Patent Number:	D519477
Patent Number:	D519921
Patent Number:	D519982
Patent Number:	D520446
Patent Number:	D520447
Patent Number:	D521976
Patent Number:	D523808
Patent Number:	D524790
Patent Number:	D524791
Patent Number:	D524792
Patent Number:	D524800
Patent Number:	D524801
Patent Number:	D524835
Patent Number:	D525973
Patent Number:	D526993
Patent Number:	D526995
Patent Number:	D529902
Patent Number:	D530305
Patent Number:	D530313
Patent Number:	D530702
Patent Number:	D531163

	D534267
Patent Number:	D537742
Patent Number:	D539272
Patent Number:	D540289
Patent Number:	D540290
Patent Number:	D540764
Patent Number:	D540765
Patent Number:	D541741
Patent Number:	D543022
Patent Number:	D551200
Patent Number:	D553561
Patent Number:	D559844
Patent Number:	D563923
Patent Number:	D564997
Patent Number:	D564998
Patent Number:	D564999
Patent Number:	D566075
Patent Number:	D566076
Patent Number:	D571780
Patent Number:	D572220
Patent Number:	D576127
Patent Number:	D576128
Patent Number:	D578116
Patent Number:	D585055
Patent Number:	D587695
Patent Number:	D597541
Patent Number:	D598306
Patent Number:	D598876
Patent Number:	D602931
Patent Number:	D606035
Patent Number:	D616870
Patent Number:	D618202
Patent Number:	D622685
Patent Number:	D632269

Fax Number: (847)576-3750
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 847-576-5217
Email: USAcketing@motorolasolutions.com
Correspondent Name: Motorola Solutions, Inc.
Address Line 1: 1303 E. Algonquin Road
Address Line 2: IL01-11th Floor
Address Line 4: Schaumburg, ILLINOIS 60196

ATTORNEY DOCKET NUMBER:	MA0000032407
-------------------------	--------------

NAME OF SUBMITTER:	Robert J. Buccieri
--------------------	--------------------

Total Attachments: 6
source=Change of Name to Motorola Solutions#page1.tif
source=Change of Name to Motorola Solutions#page2.tif
source=Change of Name to Motorola Solutions#page3.tif
source=Change of Name to Motorola Solutions#page4.tif
source=Change of Name to Motorola Solutions#page5.tif
source=Change of Name to Motorola Solutions#page6.tif

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS FILED FROM AND INCLUDING THE RESTATED CERTIFICATE OR A MERGER WITH A RESTATED CERTIFICATE ATTACHED OF "MOTOROLA SOLUTIONS, INC." AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

RESTATED CERTIFICATE, FILED THE THIRTEENTH DAY OF MAY, A.D. 1987, AT 10:01 O'CLOCK A.M.

CERTIFICATE OF DESIGNATION, FILED THE FOURTH DAY OF MAY, A.D. 1990, AT 10 O'CLOCK A.M.

CERTIFICATE OF AMENDMENT, FILED THE TENTH DAY OF MAY, A.D. 1993, AT 4:30 O'CLOCK P.M.

CERTIFICATE OF AMENDMENT, FILED THE FIFTH DAY OF MAY, A.D. 1994, AT 1 O'CLOCK P.M.

CERTIFICATE OF OWNERSHIP, FILED THE FIRST DAY OF MAY, A.D. 1996, AT 11:30 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-FOURTH DAY OF AUGUST, A.D. 1998, AT 9 O'CLOCK A.M.

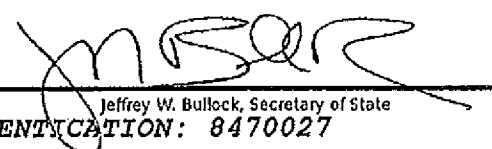
CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-FOURTH DAY OF AUGUST, A.D. 1998, AT 9:01 O'CLOCK A.M.



0789650 8100X

110008015

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


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8470027

DATE: 01-04-11

PATENT
REEL: 026081 FRAME: 0056

Delaware

PAGE 2

The First State

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-FOURTH DAY OF
AUGUST, A.D. 1998, AT 9:02 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-FOURTH DAY OF
AUGUST, A.D. 1998, AT 9:03 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-FOURTH DAY OF
AUGUST, A.D. 1998, AT 9:04 O'CLOCK A.M.

CERTIFICATE OF DESIGNATION, FILED THE FIFTH DAY OF NOVEMBER,
A.D. 1998, AT 12:30 O'CLOCK P.M.

CERTIFICATE OF DESIGNATION, FILED THE TWENTY-FOURTH DAY OF
NOVEMBER, A.D. 1998, AT 9 O'CLOCK A.M.

CERTIFICATE OF AMENDMENT, FILED THE THIRD DAY OF MAY, A.D.
2000, AT 4:30 O'CLOCK P.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTIETH DAY OF
DECEMBER, A.D. 2000, AT 3:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE TWENTY-NINTH DAY
OF DECEMBER, A.D. 2000.

CERTIFICATE OF DESIGNATION, FILED THE SECOND DAY OF AUGUST,
A.D. 2006, AT 5:49 O'CLOCK P.M.


CERTIFICATE OF AMENDMENT, FILED THE FIFTH DAY OF MAY, A.D.



0789650 8100X

110008015

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


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8470027

DATE: 01-04-11

PATENT
REEL: 026081 FRAME: 0057

Delaware

PAGE 3

The First State

2009, AT 4:54 O'CLOCK P.M.

CERTIFICATE OF AMENDMENT, FILED THE THIRD DAY OF JANUARY,
A.D. 2011, AT 10:32 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF AMENDMENT IS THE FOURTH DAY OF
JANUARY, A.D. 2011, AT 6 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, CHANGING ITS NAME FROM "MOTOROLA,
INC." TO "MOTOROLA SOLUTIONS, INC.", FILED THE THIRD DAY OF
JANUARY, A.D. 2011, AT 10:42 O'CLOCK A.M.


AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FOURTH DAY OF
JANUARY, A.D. 2011, AT 6:15 O'CLOCK A.M.



0789650 8100X

110008015

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


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8470027

DATE: 01-04-11

PATENT
REEL: 026081 FRAME: 0058

CERTIFICATE OF OWNERSHIP AND MERGER
OF
MOTOROLA NAME CHANGE CORPORATION
INTO
MOTOROLA, INC.

*Pursuant to Section 253 of the
General Corporation Law of the State of Delaware*

Motorola, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware (the "Parent Corporation" or "Company"), DOES HEREBY CERTIFY THAT:

1. The Parent Corporation owns all of the issued and outstanding capital stock of Motorola Name Change Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware (the "Subsidiary Corporation").

2. The Subsidiary Corporation is hereby merged into the Parent Corporation, with the Parent Corporation being the surviving corporation (the "Merger") pursuant to the following resolutions of the Board of Directors of the Parent Corporation, adopted by Board of Directors of the Parent Corporation at a meeting duly and validly held on June 23, 2010, which resolutions approve the merger of the Parent Corporation with the Subsidiary Corporation:

"Corporate Name Change

WHEREAS, the Board of Directors has determined that it is in the best interests of the Company to change the name of the Company to "Motorola Solutions, Inc." by merging its wholly-owned subsidiary, Motorola Name Change Corporation, with and into the Company (the "Merger").

RESOLVED, that the Merger be, and hereby is, in all respects, approved;

FURTHER RESOLVED, that pursuant to and at the effective time of the Merger, the name of the Company shall be changed to "Motorola Solutions, Inc." by deleting Article I of the Certificate of Incorporation of the Company and inserting in lieu thereof a new Article I to read as follows: "ARTICLE I: The name of the corporation is Motorola Solutions, Inc.";

FURTHER RESOLVED, that the Authorized Officers be, and each of them hereby is, authorized, in the name, and on behalf, of the Company, to execute and file or cause to be executed and filed such certificates, documents, instruments and agreements, and to perform any and all other acts that he or they may, in such officer's sole and absolute discretion, deem necessary or desirable to consummate the Merger; and

FURTHER RESOLVED, that the Authorized Officers be, and each of them hereby is, authorized, in the name, and on behalf, of the Company, to execute and deliver or cause to be executed and delivered any and all other agreements, amendments, certificates, reports, applications, notices, letters or other documents and to do or cause to be done any and all such other acts and things as, in the opinion of any such officer, upon the advice of counsel, may be necessary, appropriate or desirable in order to enable the Company to fully and promptly carry out the purposes and intent of the foregoing resolutions, and any such action taken or any agreement, amendment,

certificate, report, application, notice, letter or other document executed and delivered by them or any of them in connection with any such action will be conclusive evidence of such authority to take, execute and deliver the same.

Authorized Officers

RESOLVED, that the Authorized Officers of the Company are the (i) Co-Chief Executive Officer, Motorola, Inc., and Chief Executive Officer, Mobile Devices and Home business; (ii) Co-Chief Executive Officer, Motorola, Inc., and Chief Executive Officer, Enterprise Mobility Solutions and Networks business; (iii) Senior Vice President, Finance, Chief Financial Officer; (iv) Executive Vice President, Law, and General Counsel; (v) Corporate Vice President, Corporate Development and Ventures; and (vi) any Assistant Secretary if acting in the capacity of assistant secretary. Authorized Officers may delegate their authority under these resolutions."

3. The Parent Corporation shall be the surviving corporation of the Merger. The name of the Parent Corporation shall be amended in the Merger to be "Motorola Solutions, Inc."

4. The proposed Merger herein certified has been adopted, approved, certified, executed, and acknowledged by the Parent Corporation pursuant to Section 253 of the General Corporation Law of the State of Delaware.

5. The filing of this Certificate of Ownership and Merger, and thus the merger of the Subsidiary Corporation into the Parent Corporation, shall be effective at 6:15 a.m., Eastern Standard Time, January 4, 2011.

(Signature Page Follows)

IN WITNESS WHEREOF, the Parent Corporation has caused this Certificate of Ownership and Merger to be signed as of January 3, 2011, by a duly authorized officer, declaring that the facts stated herein are true.

MOTOROLA, INC.

By: 

Name: Edward J. Fitzpatrick

Title: Senior Vice President and Chief Financial Officer