

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7228192

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
MUFG UNION BANK, N.A.	04/16/2020
RECEIVING PARTY DATA	
Name:	Cypress Semiconductor Corporation
Street Address:	198 Champion Court
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
Name:	SPANSION LLC
Street Address:	198 CHAMPION COURT
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1939	
Property Type	Number
Application Number:	07377168
Application Number:	07443018
Application Number:	09421151
Application Number:	09431296
Application Number:	09487964
Application Number:	09495215
Application Number:	09514560
Application Number:	09534411
Application Number:	09534412
Application Number:	09534507
Application Number:	09534663
Application Number:	09539903
Application Number:	09556255
Application Number:	09557832
Application Number:	09561292

Property Type	Number
Application Number:	09586264
Application Number:	09587708
Application Number:	09592474
Application Number:	09602938
Application Number:	09614157
Application Number:	09628130
Application Number:	09636333
Application Number:	09661358
Application Number:	09661666
Application Number:	09662791
Application Number:	09663552
Application Number:	09670089
Application Number:	09671646
Application Number:	09672397
Application Number:	09676623
Application Number:	09681317
Application Number:	09684160
Application Number:	09686686
Application Number:	09686693
Application Number:	09697814
Application Number:	09697815
Application Number:	09699711
Application Number:	09699972
Application Number:	09721066
Application Number:	09728350
Application Number:	09738760
Application Number:	09752539
Application Number:	09764965
Application Number:	09772716
Application Number:	09790159
Application Number:	09790372
Application Number:	09790749
Application Number:	09795856
Application Number:	09797394
Application Number:	09801409
Application Number:	09824166
Application Number:	09826397
Application Number:	09829193

Property Type	Number
Application Number:	09829518
Application Number:	09829657
Application Number:	09842288
Application Number:	09846119
Application Number:	09846666
Application Number:	09851773
Application Number:	09864851
Application Number:	09864858
Application Number:	09875599
Application Number:	09876981
Application Number:	09877905
Application Number:	09884402
Application Number:	09884409
Application Number:	09884583
Application Number:	09886861
Application Number:	09892164
Application Number:	09893048
Application Number:	09904328
Application Number:	09909047
Application Number:	09916533
Application Number:	09923461
Application Number:	09925721
Application Number:	09929891
Application Number:	09930021
Application Number:	09939751
Application Number:	09941370
Application Number:	09943062
Application Number:	09951685
Application Number:	09960519
Application Number:	09968456
Application Number:	09969311
Application Number:	09969313
Application Number:	09972003
Application Number:	09989571
Application Number:	09989762
Application Number:	09989775
Application Number:	09989808
Application Number:	09989815

Property Type	Number
Application Number:	09989816
Application Number:	09989817
Application Number:	09989819
Application Number:	09994599
Application Number:	09994600
Application Number:	09998848
Application Number:	09999609
Application Number:	09999869
Application Number:	10002726
Application Number:	10008548
Application Number:	10010837
Application Number:	10011214
Application Number:	10011696
Application Number:	10022119
Application Number:	10023349
Application Number:	10029371
Application Number:	10032986
Application Number:	10039469
Application Number:	10050254
Application Number:	10050394
Application Number:	10050650
Application Number:	10053256
Application Number:	10072164
Application Number:	10073570
Application Number:	10081246
Application Number:	10083592
Application Number:	10083789
Application Number:	10087852
Application Number:	10090822
Application Number:	10091767
Application Number:	10097674
Application Number:	10099499
Application Number:	10100485
Application Number:	10109234
Application Number:	10109235
Application Number:	10109516
Application Number:	10113107
Application Number:	10113180

Property Type	Number
Application Number:	10114535
Application Number:	10117818
Application Number:	10118682
Application Number:	10118732
Application Number:	10119273
Application Number:	10119366
Application Number:	10119391
Application Number:	10119574
Application Number:	10124773
Application Number:	10126207
Application Number:	10128771
Application Number:	10136034
Application Number:	10146560
Application Number:	10150204
Application Number:	10150240
Application Number:	10150255
Application Number:	10150677
Application Number:	10163970
Application Number:	10164465
Application Number:	10184336
Application Number:	10186466
Application Number:	10190002
Application Number:	10194270
Application Number:	10197116
Application Number:	10198508
Application Number:	10200330
Application Number:	10200396
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Application Number:	10210378
Application Number:	10217403
Application Number:	10217821
Application Number:	10222155
Application Number:	10223920
Application Number:	10225658
Application Number:	10226778
Application Number:	10226912

Property Type	Number
Application Number:	10229481
Application Number:	10233696
Application Number:	10237805
Application Number:	10238966
Application Number:	10241236
Application Number:	10243315
Application Number:	10243792
Application Number:	10245146
Application Number:	10251623
Application Number:	10256829
Application Number:	10260108
Application Number:	10277395
Application Number:	10294808
Application Number:	10295662
Application Number:	10301649
Application Number:	10302672
Application Number:	10304389
Application Number:	10305589
Application Number:	10305700
Application Number:	10305750
Application Number:	10306252
Application Number:	10306529
Application Number:	10307189
Application Number:	10307667
Application Number:	10313444
Application Number:	10313454
Application Number:	10314381
Application Number:	10315458
Application Number:	10316569
Application Number:	10316901
Application Number:	10318543
Application Number:	10324990
Application Number:	10327207
Application Number:	10335925
Application Number:	10342549
Application Number:	10342585
Application Number:	10352943
Application Number:	10353558

Property Type	Number
Application Number:	10355177
Application Number:	10356495
Application Number:	10356496
Application Number:	10358498
Application Number:	10358866
Application Number:	10361378
Application Number:	10368528
Application Number:	10373739
Application Number:	10379744
Application Number:	10379885
Application Number:	10382726
Application Number:	10382731
Application Number:	10382744
Application Number:	10385527
Application Number:	10387064
Application Number:	10387427
Application Number:	10387617
Application Number:	10392912
Application Number:	10394565
Application Number:	10401604
Application Number:	10402774
Application Number:	10404941
Application Number:	10406415
Application Number:	10413800
Application Number:	10422090
Application Number:	10422092
Application Number:	10429140
Application Number:	10429150
Application Number:	10431065
Application Number:	10431320
Application Number:	10431321
Application Number:	10454517
Application Number:	10455310
Application Number:	10600065
Application Number:	10603136
Application Number:	10609159
Application Number:	10617450
Application Number:	10624644

Property Type	Number
Application Number:	10625738
Application Number:	10631812
Application Number:	10633535
Application Number:	10635089
Application Number:	10635781
Application Number:	10636336
Application Number:	10636337
Application Number:	10652035
Application Number:	10654739
Application Number:	10658428
Application Number:	10672093
Application Number:	10677031
Application Number:	10677073
Application Number:	10677790
Application Number:	10678446
Application Number:	10699903
Application Number:	10701780
Application Number:	10708379
Application Number:	10717622
Application Number:	10719108
Application Number:	10721643
Application Number:	10729732
Application Number:	10731659
Application Number:	10758173
Application Number:	10759855
Application Number:	10762071
Application Number:	10762445
Application Number:	10768188
Application Number:	10770245
Application Number:	10770260
Application Number:	10770673
Application Number:	10775668
Application Number:	10785599
Application Number:	10798657
Application Number:	10803011
Application Number:	10807909
Application Number:	10808532
Application Number:	10817186

Property Type	Number
Application Number:	10821312
Application Number:	10823970
Application Number:	10827785
Application Number:	10835341
Application Number:	10838962
Application Number:	10839561
Application Number:	10839562
Application Number:	10839614
Application Number:	10839626
Application Number:	10841933
Application Number:	10843289
Application Number:	10844116
Application Number:	10849958
Application Number:	10850286
Application Number:	10857039
Application Number:	10860450
Application Number:	10861575
Application Number:	10861714
Application Number:	10862636
Application Number:	10864947
Application Number:	10869286
Application Number:	10869774
Application Number:	10871825
Application Number:	10877296
Application Number:	10877313
Application Number:	10877932
Application Number:	10889245
Application Number:	10896292
Application Number:	10896299
Application Number:	10899072
Application Number:	10899344
Application Number:	10909693
Application Number:	10916167
Application Number:	10917562
Application Number:	10927365
Application Number:	10927583
Application Number:	10936275
Application Number:	10939897

Property Type	Number
Application Number:	10941753
Application Number:	10945914
Application Number:	10947538
Application Number:	10948524
Application Number:	10949093
Application Number:	10949176
Application Number:	10950332
Application Number:	10968713
Application Number:	10973257
Application Number:	10976816
Application Number:	10978045
Application Number:	10979516
Application Number:	10982296
Application Number:	10983919
Application Number:	10984065
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Application Number:	11003208
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Application Number:	11007072
Application Number:	11008233
Application Number:	11015105
Application Number:	11021394
Application Number:	11023914
Application Number:	11024257
Application Number:	11024843
Application Number:	11033588
Application Number:	11035055
Application Number:	11035188
Application Number:	11036332
Application Number:	11036395
Application Number:	11041608
Application Number:	11049855
Application Number:	11052688
Application Number:	11061119

Property Type	Number
Application Number:	11061307
Application Number:	11061365
Application Number:	11062629
Application Number:	11062641
Application Number:	11063975
Application Number:	11069500
Application Number:	11075999
Application Number:	11076252
Application Number:	11078873
Application Number:	11082526
Application Number:	11083534
Application Number:	11086884
Application Number:	11087944
Application Number:	11089707
Application Number:	11089708
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Application Number:	11099847
Application Number:	11109719
Application Number:	11109965
Application Number:	11112607
Application Number:	11116538
Application Number:	11116551
Application Number:	11116571
Application Number:	11121084
Application Number:	11123326
Application Number:	11125396
Application Number:	11126330
Application Number:	11126739
Application Number:	11126869
Application Number:	11127175
Application Number:	11128391

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Application Number:	11132172
Application Number:	11133966
Application Number:	11136569
Application Number:	11137175
Application Number:	11145232
Application Number:	11146237
Application Number:	11152375
Application Number:	11152547
Application Number:	11153738
Application Number:	11154070
Application Number:	11154097
Application Number:	11164556
Application Number:	11165008
Application Number:	11165329
Application Number:	11167310
Application Number:	11169986
Application Number:	11173930
Application Number:	11174560
Application Number:	11185783
Application Number:	11187650
Application Number:	11189874
Application Number:	11193220
Application Number:	11193391
Application Number:	11195201
Application Number:	11201378
Application Number:	11206373
Application Number:	11207935
Application Number:	11211509
Application Number:	11212850
Application Number:	11215850
Application Number:	11222546
Application Number:	11228842
Application Number:	11229527
Application Number:	11229529
Application Number:	11234429
Application Number:	11237378

Property Type	Number
Application Number:	11238763
Application Number:	11238814
Application Number:	11240936
Application Number:	11242215
Application Number:	11242773
Application Number:	11244166
Application Number:	11247328
Application Number:	11250913
Application Number:	11254769
Application Number:	11256184
Application Number:	11258209
Application Number:	11261166
Application Number:	11261316
Application Number:	11262651
Application Number:	11268898
Application Number:	11271039
Application Number:	11273025
Application Number:	11278822
Application Number:	11291318
Application Number:	11291342
Application Number:	11297505
Application Number:	11299893
Application Number:	11301833
Application Number:	11303363
Application Number:	11303365
Application Number:	11305088
Application Number:	11313133
Application Number:	11317083
Application Number:	11324110
Application Number:	11324111
Application Number:	11324424
Application Number:	11329787
Application Number:	11333208
Application Number:	11336464
Application Number:	11339016
Application Number:	11339053
Application Number:	11339352
Application Number:	11340916

Property Type	Number
Application Number:	11341029
Application Number:	11346177
Application Number:	11348756
Application Number:	11349562
Application Number:	11350072
Application Number:	11350556
Application Number:	11355551
Application Number:	11358206
Application Number:	11361429
Application Number:	11362513
Application Number:	11367139
Application Number:	11368678
Application Number:	11370880
Application Number:	11371023
Application Number:	11374196
Application Number:	11375852
Application Number:	11378444
Application Number:	11378464
Application Number:	11380127
Application Number:	11386686
Application Number:	11388976
Application Number:	11389903
Application Number:	11390131
Application Number:	11390133
Application Number:	11394982
Application Number:	11398415
Application Number:	11399130
Application Number:	11403409
Application Number:	11408086
Application Number:	11411064
Application Number:	11414082
Application Number:	11415694
Application Number:	11416551
Application Number:	11423638
Application Number:	11426165
Application Number:	11427712
Application Number:	11436534
Application Number:	11442044

Property Type	Number
Application Number:	11442971
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Application Number:	11471100
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Application Number:	11478006
Application Number:	11478537
Application Number:	11478554
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Application Number:	11482129
Application Number:	11484057
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Application Number:	11489047
Application Number:	11490151
Application Number:	11493350
Application Number:	11495116
Application Number:	11501449
Application Number:	11509513
Application Number:	11509932
Application Number:	11510061
Application Number:	11512318
Application Number:	11513693
Application Number:	11518002
Application Number:	11518207
Application Number:	11520778
Application Number:	11524615
Application Number:	11529790
Application Number:	11531886
Application Number:	11532592
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Application Number:	11545477
Application Number:	11550406

Property Type	Number
Application Number:	11551532
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Application Number:	11582776
Application Number:	11598981
Application Number:	11599926
Application Number:	11600255
Application Number:	11601465
Application Number:	11608032
Application Number:	11611053
Application Number:	11612413
Application Number:	11612863
Application Number:	11612992
Application Number:	11613383
Application Number:	11613513
Application Number:	11614048
Application Number:	11614053
Application Number:	11614306
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Application Number:	11615583
Application Number:	11616085
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Application Number:	11616544
Application Number:	11616718
Application Number:	11625150
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Application Number:	11633844
Application Number:	11633929
Application Number:	11633940
Application Number:	11634776
Application Number:	11634777
Application Number:	11636060
Application Number:	11636111
Application Number:	11636116
Application Number:	11639666
Application Number:	11639683

Property Type	Number
Application Number:	11641646
Application Number:	11642025
Application Number:	11644535
Application Number:	11644819
Application Number:	11645475
Application Number:	11646157
Application Number:	11650485
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Application Number:	11656072
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Application Number:	11687492
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Application Number:	11703873
Application Number:	11704589
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Application Number:	11712299
Application Number:	11723599
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Application Number:	11724726
Application Number:	11724773
Application Number:	11724774
Application Number:	11724775
Application Number:	11758451
Application Number:	11767620
Application Number:	11767623
Application Number:	11785958
Application Number:	11788264
Application Number:	11790693
Application Number:	11801115
Application Number:	11803474
Application Number:	11807687
Application Number:	11812142
Application Number:	11818005

Property Type	Number
Application Number:	11820278
Application Number:	11821653
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Application Number:	11822730
Application Number:	11823904
Application Number:	11823982
Application Number:	11824249
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Application Number:	11839632
Application Number:	11857970
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Application Number:	11861013
Application Number:	11865672
Application Number:	11873824
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Application Number:	11894828
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Application Number:	11904643
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Application Number:	11906033
Application Number:	11906153
Application Number:	11924169
Application Number:	11924823
Application Number:	11928372
Application Number:	11928865

Property Type	Number
Application Number:	11929097
Application Number:	11929326
Application Number:	11929761
Application Number:	11931992
Application Number:	11935049
Application Number:	11935717
Application Number:	11936933
Application Number:	11937818
Application Number:	11937822
Application Number:	11945316
Application Number:	11947424
Application Number:	11950006
Application Number:	11950811
Application Number:	11951262
Application Number:	11954514
Application Number:	11954622
Application Number:	11956032
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Application Number:	11963415
Application Number:	11963466
Application Number:	11963508
Application Number:	11965291
Application Number:	11965677
Application Number:	11968119
Application Number:	11968145
Application Number:	11969106
Application Number:	11971331
Application Number:	11972312

Property Type	Number
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Application Number:	11986331
Application Number:	11986370
Application Number:	11986509
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Application Number:	12036090
Application Number:	12039511
Application Number:	12040387
Application Number:	12044851
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Property Type	Number
Application Number:	12050513
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Application Number:	12057203
Application Number:	12058471
Application Number:	12058534
Application Number:	12058569
Application Number:	12058586
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Application Number:	12062482
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Application Number:	12079802
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Application Number:	12177039
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Property Type	Number
Application Number:	12180910
Application Number:	12183756
Application Number:	12187276
Application Number:	12189746
Application Number:	12195307
Application Number:	12196156
Application Number:	12196210
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Application Number:	12232178
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Application Number:	12234736
Application Number:	12234737
Application Number:	12234738
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Application Number:	12239692
Application Number:	12249261
Application Number:	12253207
Application Number:	12255622
Application Number:	12257222
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Application Number:	12267487
Application Number:	12273289
Application Number:	12273804
Application Number:	12276604
Application Number:	12284002
Application Number:	12286149
Application Number:	12286321

Property Type	Number
Application Number:	12286584
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Application Number:	12317521
Application Number:	12321452
Application Number:	12329475
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Application Number:	12341886
Application Number:	12342008
Application Number:	12342011
Application Number:	12342016
Application Number:	12343348
Application Number:	12346699
Application Number:	12351553
Application Number:	12366519
Application Number:	12368835
Application Number:	12369954
Application Number:	12370932
Application Number:	12380141
Application Number:	12380492
Application Number:	12390550
Application Number:	12395969
Application Number:	12399543
Application Number:	12401174
Application Number:	12403929
Application Number:	12407228
Application Number:	12410152
Application Number:	12412704
Application Number:	12413559
Application Number:	12422226
Application Number:	12428212
Application Number:	12434084
Application Number:	12468615
Application Number:	12470825

Property Type	Number
Application Number:	12472735
Application Number:	12473037
Application Number:	12475982
Application Number:	12479014
Application Number:	12494114
Application Number:	12496579
Application Number:	12496580
Application Number:	12496590
Application Number:	12496612
Application Number:	12502592
Application Number:	12502891
Application Number:	12508349
Application Number:	12509384
Application Number:	12509394
Application Number:	12512638
Application Number:	12512741
Application Number:	12533772
Application Number:	12543404
Application Number:	12548751
Application Number:	12549708
Application Number:	12557721
Application Number:	12568245
Application Number:	12568599
Application Number:	12569193
Application Number:	12574413
Application Number:	12574427
Application Number:	12574884
Application Number:	12580993
Application Number:	12581824
Application Number:	12605115
Application Number:	12607282
Application Number:	12608322
Application Number:	12617253
Application Number:	12617427
Application Number:	12620172
Application Number:	12620546
Application Number:	12634511
Application Number:	12642162

Property Type	Number
Application Number:	12644457
Application Number:	12648059
Application Number:	12648984
Application Number:	12650118
Application Number:	12683732
Application Number:	12688477
Application Number:	12690590
Application Number:	12691633
Application Number:	12695935
Application Number:	12696409
Application Number:	12701391
Application Number:	12703586
Application Number:	12706710
Application Number:	12710153
Application Number:	12716133
Application Number:	12717681
Application Number:	12720547
Application Number:	12723320
Application Number:	12724378
Application Number:	12748085
Application Number:	12752946
Application Number:	12753657
Application Number:	12753681
Application Number:	12754431
Application Number:	12759426
Application Number:	12762207
Application Number:	12762668
Application Number:	12765400
Application Number:	12769143
Application Number:	12770805
Application Number:	12772948
Application Number:	12773590
Application Number:	12773691
Application Number:	12774680
Application Number:	12776323
Application Number:	12776324
Application Number:	12776565
Application Number:	12777090

Property Type	Number
Application Number:	12777130
Application Number:	12789991
Application Number:	12790712
Application Number:	12791280
Application Number:	12792129
Application Number:	12795462
Application Number:	12815126
Application Number:	12818866
Application Number:	12819071
Application Number:	12819890
Application Number:	12822651
Application Number:	12824352
Application Number:	12825330
Application Number:	12826366
Application Number:	12827069
Application Number:	12831085
Application Number:	12833817
Application Number:	12833836
Application Number:	12833845
Application Number:	12833861
Application Number:	12835732
Application Number:	12838035
Application Number:	12840165
Application Number:	12842409
Application Number:	12843131
Application Number:	12844888
Application Number:	12844928
Application Number:	12850252
Application Number:	12850470
Application Number:	12853856
Application Number:	12871693
Application Number:	12872995
Application Number:	12878656
Application Number:	12879643
Application Number:	12879936
Application Number:	12879992
Application Number:	12880018
Application Number:	12880021

Property Type	Number
Application Number:	12880541
Application Number:	12888737
Application Number:	12892251
Application Number:	12898551
Application Number:	12900283
Application Number:	12901990
Application Number:	12902958
Application Number:	12903065
Application Number:	12905716
Application Number:	12917454
Application Number:	12954756
Application Number:	12960437
Application Number:	12961352
Application Number:	12962479
Application Number:	12964523
Application Number:	12970675
Application Number:	12970687
Application Number:	12971818
Application Number:	12973730
Application Number:	12973756
Application Number:	12974754
Application Number:	12980716
Application Number:	12982364
Application Number:	12987466
Application Number:	13005456
Application Number:	13006339
Application Number:	13007014
Application Number:	13011706
Application Number:	13012664
Application Number:	13014318
Application Number:	13015072
Application Number:	13020636
Application Number:	13022410
Application Number:	13023533
Application Number:	13024979
Application Number:	13026434
Application Number:	13035485
Application Number:	13036429

Property Type	Number
Application Number:	13036956
Application Number:	13037157
Application Number:	13039839
Application Number:	13043383
Application Number:	13046433
Application Number:	13046640
Application Number:	13049556
Application Number:	13049798
Application Number:	13052486
Application Number:	13052865
Application Number:	13069710
Application Number:	13069835
Application Number:	13074836
Application Number:	13076733
Application Number:	13079788
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Application Number:	13094744
Application Number:	13098364
Application Number:	13098378
Application Number:	13098389
Application Number:	13099334
Application Number:	13102158
Application Number:	13103862
Application Number:	13107724
Application Number:	13109215
Application Number:	13111421
Application Number:	13125462
Application Number:	13149672
Application Number:	13154616
Application Number:	13155278
Application Number:	13156763
Application Number:	13156766
Application Number:	13156768
Application Number:	13158179
Application Number:	13162520
Application Number:	13165652
Application Number:	13165689
Application Number:	13171061

Property Type	Number
Application Number:	13171186
Application Number:	13173926
Application Number:	13178504
Application Number:	13179307
Application Number:	13180337
Application Number:	13182431
Application Number:	13185390
Application Number:	13187013
Application Number:	13190565
Application Number:	13191806
Application Number:	13197624
Application Number:	13204522
Application Number:	13204608
Application Number:	13216546
Application Number:	13227149
Application Number:	13229139
Application Number:	13233600
Application Number:	13242703
Application Number:	13246467
Application Number:	13246589
Application Number:	13247248
Application Number:	13247331
Application Number:	13247544
Application Number:	13247779
Application Number:	13248326
Application Number:	13248355
Application Number:	13249069
Application Number:	13252768
Application Number:	13253634
Application Number:	13280937
Application Number:	13281491
Application Number:	13289553
Application Number:	13301764
Application Number:	13303105
Application Number:	13305680
Application Number:	13306390
Application Number:	13306840
Application Number:	13307350

Property Type	Number
Application Number:	13312398
Application Number:	13312929
Application Number:	13313699
Application Number:	13314932
Application Number:	13315060
Application Number:	13316137
Application Number:	13316517
Application Number:	13317460
Application Number:	13323538
Application Number:	13324194
Application Number:	13324759
Application Number:	13326012
Application Number:	13328775
Application Number:	13328881
Application Number:	13332178
Application Number:	13337438
Application Number:	13340418
Application Number:	13340439
Application Number:	13340453
Application Number:	13340667
Application Number:	13341857
Application Number:	13342942
Application Number:	13355145
Application Number:	13357252
Application Number:	13357842
Application Number:	13364629
Application Number:	13367212
Application Number:	13367690
Application Number:	13399537
Application Number:	13403242
Application Number:	13410630
Application Number:	13413527
Application Number:	13415671
Application Number:	13423229
Application Number:	13427264
Application Number:	13427845
Application Number:	13427853
Application Number:	13428320

Property Type	Number
Application Number:	13430648
Application Number:	13431801
Application Number:	13435445
Application Number:	13435890
Application Number:	13437324
Application Number:	13459206
Application Number:	13467816
Application Number:	13467831
Application Number:	13467849
Application Number:	13467874
Application Number:	13470117
Application Number:	13471604
Application Number:	13471854
Application Number:	13481582
Application Number:	13486972
Application Number:	13490115
Application Number:	13490124
Application Number:	13490129
Application Number:	13490163
Application Number:	13490236
Application Number:	13490254
Application Number:	13490267
Application Number:	13490285
Application Number:	13490296
Application Number:	13536661
Application Number:	13536844
Application Number:	13537877
Application Number:	13538291
Application Number:	13538997
Application Number:	13540373
Application Number:	13545469
Application Number:	13548125
Application Number:	13549379
Application Number:	13556819
Application Number:	13558093
Application Number:	13563206
Application Number:	13566187
Application Number:	13569442

Property Type	Number
Application Number:	13569735
Application Number:	13569755
Application Number:	13569785
Application Number:	13586648
Application Number:	13589354
Application Number:	13598464
Application Number:	13600527
Application Number:	13608698
Application Number:	13610368
Application Number:	13612803
Application Number:	13613448
Application Number:	13617161
Application Number:	13622796
Application Number:	13628307
Application Number:	13629437
Application Number:	13630876
Application Number:	13631369
Application Number:	13632084
Application Number:	13644895
Application Number:	13644901
Application Number:	13648199
Application Number:	13669907
Application Number:	13670671
Application Number:	13671389
Application Number:	13678025
Application Number:	13678255
Application Number:	13680507
Application Number:	13680539
Application Number:	13685286
Application Number:	13685331
Application Number:	13685827
Application Number:	13715185
Application Number:	13715565
Application Number:	13715577
Application Number:	13715705
Application Number:	13717637
Application Number:	13724516
Application Number:	13724897

Property Type	Number
Application Number:	13725173
Application Number:	13725224
Application Number:	13725260
Application Number:	13725415
Application Number:	13725749
Application Number:	13725822
Application Number:	13727505
Application Number:	13729153
Application Number:	13731865
Application Number:	13732096
Application Number:	13735156
Application Number:	13735650
Application Number:	13737321
Application Number:	13738797
Application Number:	13740022
Application Number:	13746477
Application Number:	13749246
Application Number:	13753676
Application Number:	13755709
Application Number:	13761217
Application Number:	13765524
Application Number:	13769398
Application Number:	13771043
Application Number:	13776310
Application Number:	13776337
Application Number:	13786216
Application Number:	13790979
Application Number:	13795036
Application Number:	13795134
Application Number:	13801094
Application Number:	13801492
Application Number:	13801791
Application Number:	13836566
Application Number:	13856313
Application Number:	13856614
Application Number:	13856671
Application Number:	13856816
Application Number:	13859621

Property Type	Number
Application Number:	13865714
Application Number:	13866915
Application Number:	13867618
Application Number:	13888148
Application Number:	13892585
Application Number:	13893201
Application Number:	13894218
Application Number:	13913909
Application Number:	13914308
Application Number:	13916386
Application Number:	13917141
Application Number:	13917163
Application Number:	13917528
Application Number:	13918674
Application Number:	13920742
Application Number:	13921056
Application Number:	13921956
Application Number:	13924292
Application Number:	13929638
Application Number:	13930756
Application Number:	13934032
Application Number:	13942018
Application Number:	13949116
Application Number:	13964958
Application Number:	13966069
Application Number:	13972008
Application Number:	14010134
Application Number:	14010174
Application Number:	14015720
Application Number:	14021521
Application Number:	14026118
Application Number:	14033170
Application Number:	14037023
Application Number:	14040616
Application Number:	14048076
Application Number:	14048863
Application Number:	14050105
Application Number:	14050490

Property Type	Number
Application Number:	14051584
Application Number:	14051828
Application Number:	14051859
Application Number:	14054265
Application Number:	14054312
Application Number:	14054657
Application Number:	14054880
Application Number:	14054884
Application Number:	14056547
Application Number:	14058464
Application Number:	14059077
Application Number:	14067717
Application Number:	14069979
Application Number:	14073031
Application Number:	14073914
Application Number:	14077971
Application Number:	14080844
Application Number:	14081987
Application Number:	14085013
Application Number:	14091470
Application Number:	14092554
Application Number:	14093703
Application Number:	14097126
Application Number:	14099340
Application Number:	14107729
Application Number:	14108780
Application Number:	14109045
Application Number:	14109157
Application Number:	14109464
Application Number:	14132422
Application Number:	14135863
Application Number:	14136358
Application Number:	14137203
Application Number:	14137426
Application Number:	14137635
Application Number:	14143317
Application Number:	14150627
Application Number:	14153900

Property Type	Number
Application Number:	14167845
Application Number:	14184191
Application Number:	14188048
Application Number:	14199837
Application Number:	14204440
Application Number:	14207303
Application Number:	14220628
Application Number:	14222227
Application Number:	14222399
Application Number:	14222446
Application Number:	14222904
Application Number:	14224854
Application Number:	14228899
Application Number:	14229765
Application Number:	14229908
Application Number:	14254237
Application Number:	14258905
Application Number:	14258950
Application Number:	14271115
Application Number:	14272376
Application Number:	14278114
Application Number:	14284632
Application Number:	14284812
Application Number:	14297200
Application Number:	14303014
Application Number:	14315713
Application Number:	14319079
Application Number:	14339377
Application Number:	14445494
Application Number:	14447688
Application Number:	14448442
Application Number:	14450727
Application Number:	14458542
Application Number:	14464783
Application Number:	14467511
Application Number:	14468630
Application Number:	14472043
Application Number:	14484417

Property Type	Number
Application Number:	14491809
Application Number:	14493635
Application Number:	14494218
Application Number:	14501536
Application Number:	14503585
Application Number:	14512647
Application Number:	14513314
Application Number:	14513361
Application Number:	14514008
Application Number:	14517201
Application Number:	14517470
Application Number:	14518560
Application Number:	14521181
Application Number:	14527797
Application Number:	14532039
Application Number:	14536015
Application Number:	14539410
Application Number:	14551149
Application Number:	14560135
Application Number:	14562789
Application Number:	14570801
Application Number:	14580753
Application Number:	14612083
Application Number:	14619592
Application Number:	14630238
Application Number:	14635459
Application Number:	14929428
Application Number:	14944388
Application Number:	15006288
Application Number:	15181138
Application Number:	15181201
Application Number:	15204839
Application Number:	15219608
Application Number:	15258151
Application Number:	15258234
Application Number:	15269479
Application Number:	15271527
Application Number:	15273426

Property Type	Number
Application Number:	15276355
Application Number:	15277529
Application Number:	15277819
Application Number:	15278436
Application Number:	15279194
Application Number:	15279974
Application Number:	15280729
Application Number:	15281010
Application Number:	15281677
Application Number:	15289827
Application Number:	15295842
Application Number:	15336926
Application Number:	15338180
Application Number:	15339634
Application Number:	15346322
Application Number:	15347400
Application Number:	15351268
Application Number:	15368905
Application Number:	15369674
Application Number:	15374529
Application Number:	15387337
Application Number:	15388892
Application Number:	15397502
Application Number:	15405047
Application Number:	15418381
Application Number:	15430157
Application Number:	15433848
Application Number:	15433932
Application Number:	15446735
Application Number:	15449558
Application Number:	15463703
Application Number:	15464587
Application Number:	15466670
Application Number:	15471418
Application Number:	15472473
Application Number:	15473372
Application Number:	15475412
Application Number:	15476217

Property Type	Number
Application Number:	15487071
Application Number:	15487092
Application Number:	15487141
Application Number:	15487210
Application Number:	15490438
Application Number:	15596762
Application Number:	15609252
Application Number:	15630707
Application Number:	15636986
Application Number:	15647077
Application Number:	15647166
Application Number:	15648036
Application Number:	15653203
Application Number:	15655610
Application Number:	15659798
Application Number:	15661795
Application Number:	15693832
Application Number:	15698404
Application Number:	15713346
Application Number:	15717457
Application Number:	15730456
Application Number:	15787340
Application Number:	15849204
Application Number:	15489695
Application Number:	15493318
Application Number:	15496993
Application Number:	15585890
Application Number:	15606255
Application Number:	15614271
Application Number:	15625339
Application Number:	15630047
Application Number:	15630106
Application Number:	15631733
Application Number:	15631922
Application Number:	15632028
Application Number:	15637090
Application Number:	15637270
Application Number:	15637731

Property Type	Number
Application Number:	15660754
Application Number:	15708356
Application Number:	15710488
Application Number:	15713055
Application Number:	15714912
Application Number:	15716095
Application Number:	15720702
Application Number:	15730952
Application Number:	15730979
Application Number:	15802721
Application Number:	15847672
Application Number:	15848327
Application Number:	15848412
Application Number:	15848439
Application Number:	15848944
Application Number:	15849491
Application Number:	15850119
Application Number:	15850207
Application Number:	15850779
Application Number:	15851062
Application Number:	15852909
Application Number:	15860341
Application Number:	15860432
Application Number:	15862080
Application Number:	15864261
Application Number:	15870516
Application Number:	15873248
Application Number:	15874705
Application Number:	15875594
Application Number:	15875935
Application Number:	15877633
Application Number:	15897867
Application Number:	15921473
Application Number:	15924689
Application Number:	15925510
Application Number:	15925566
Application Number:	15926175
Application Number:	15938452

Property Type	Number
Application Number:	15938840
Application Number:	15938976
Application Number:	15941542
Application Number:	15941549
Application Number:	15944244
Application Number:	15949328
Application Number:	15954955
Application Number:	15955862
Application Number:	15980984
Application Number:	15983596
Application Number:	15983895
Application Number:	15984071
Application Number:	15995926
Application Number:	16000102
Application Number:	16000730
Application Number:	16000733
Application Number:	16001657
Application Number:	16005198
Application Number:	16005262
Application Number:	16006577
Application Number:	16009543
Application Number:	16010142
Application Number:	16016194
Application Number:	16016344
Application Number:	16016937
Application Number:	16017008
Application Number:	16017513
Application Number:	16020546
Application Number:	16021407
Application Number:	16022286
Application Number:	16022489
Application Number:	16023546
Application Number:	16029440
Application Number:	16034138
Application Number:	16039520
Application Number:	16045460
Application Number:	16056183
Application Number:	16056874

Property Type	Number
Application Number:	16111521
Application Number:	16113374
Application Number:	16122014
Application Number:	16122067
Application Number:	16123157
Application Number:	16130235
Application Number:	16131286
Application Number:	16135091
Application Number:	16137184
Application Number:	16139315
Application Number:	16139974
Application Number:	16143032
Application Number:	16143778
Application Number:	16144870
Application Number:	16145779
Application Number:	16146446
Application Number:	16146802
Application Number:	16152551
Application Number:	16154907
Application Number:	16159418
Application Number:	16160008
Application Number:	16181657
Application Number:	16193261
Application Number:	16208841
Application Number:	16211578
Application Number:	16214467
Application Number:	16214974
Application Number:	16215152
Application Number:	16217298
Application Number:	16221185
Application Number:	16224137
Application Number:	16224295
Application Number:	16226216
Application Number:	16226389
Application Number:	16227015
Application Number:	16227152
Application Number:	16228057
Application Number:	16240489

Property Type	Number
Application Number:	16247288
Application Number:	16250855
Application Number:	16268736
Application Number:	16277124
Application Number:	16291160
Application Number:	16292042
Application Number:	16294774
Application Number:	16359714
Application Number:	16365994
Application Number:	16374907
Application Number:	16376920
Application Number:	16381956
Application Number:	16383078
Application Number:	16383229
Application Number:	16386016
Application Number:	16386702
Application Number:	16391069
Application Number:	16392405
Application Number:	16430712
Application Number:	16431548
Application Number:	16431997
Application Number:	16452106
Application Number:	16453636
Application Number:	09644359
Application Number:	09712382
Application Number:	09822995
Application Number:	10052484
Application Number:	10097924
Application Number:	10454630
Application Number:	10635974
Application Number:	10715366
Application Number:	10738301
Application Number:	10958044
Application Number:	11063138
Application Number:	11259874
Application Number:	11290001
Application Number:	11497597
Application Number:	11607090

Property Type	Number
Application Number:	11613620
Application Number:	11613627
Application Number:	11613691
Application Number:	11625158
Application Number:	11639667
Application Number:	11687487
Application Number:	11841468
Application Number:	11852644
Application Number:	11870102
Application Number:	11928434
Application Number:	11957226
Application Number:	11963078
Application Number:	11987003
Application Number:	12048474
Application Number:	12059816
Application Number:	12137443
Application Number:	12392674
Application Number:	12410086
Application Number:	12646279
Application Number:	12646291
Application Number:	12697879
Application Number:	12729905
Application Number:	12917219
Application Number:	13070186
Application Number:	13073691
Application Number:	13305684
Application Number:	13558835
Application Number:	13668935
Application Number:	13682826
Application Number:	13901167
Application Number:	14149484
Application Number:	14228384
Application Number:	14445364
Application Number:	14606661
Application Number:	14606767
Application Number:	14609274
Application Number:	14632191
Application Number:	14635361

Property Type	Number
Application Number:	14645798
Application Number:	14659924
Application Number:	14667434
Application Number:	14668670
Application Number:	14668984
Application Number:	14670295
Application Number:	14670345
Application Number:	14671129
Application Number:	14672036
Application Number:	14675128
Application Number:	14690106
Application Number:	14714118
Application Number:	14716719
Application Number:	14736488
Application Number:	14736811
Application Number:	14738492
Application Number:	14740170
Application Number:	14742201
Application Number:	14750555
Application Number:	14751559
Application Number:	14752052
Application Number:	14752687
Application Number:	14822085
Application Number:	14830624
Application Number:	14832529
Application Number:	14855158
Application Number:	14858217
Application Number:	14860035
Application Number:	14860515
Application Number:	14864594
Application Number:	14865163
Application Number:	14865288
Application Number:	14865676
Application Number:	14865722
Application Number:	14865824
Application Number:	14865999
Application Number:	14866168
Application Number:	14866172

Property Type	Number
Application Number:	14866193
Application Number:	14866225
Application Number:	14866260
Application Number:	14866276
Application Number:	14868296
Application Number:	14886663
Application Number:	14930484
Application Number:	14964562
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Property Type	Number
Application Number:	15197099
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Application Number:	09730586
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Application Number:	11581449
Application Number:	11205716
Application Number:	10537857
Application Number:	11440624
Application Number:	11646430
Application Number:	11602222
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Application Number:	16445002
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Application Number:	16217356
Application Number:	16358242
Application Number:	16213772
Application Number:	16299850

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Application Number:	14668822
Application Number:	14040293
Application Number:	15657468
Application Number:	14992123
Application Number:	14751989
Application Number:	14751061

CORRESPONDENCE DATA

Fax Number: (408)545-6911

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

Phone: 408-943-6878

Email: daniel.pheng@infineon.com

Correspondent Name: CYPRESS SEMICONDUCTOR CORPORATION

Address Line 1: 198 CHAMPION COURT

Address Line 4: SAN JOSE, CALIFORNIA 95134

NAME OF SUBMITTER:	TIMOTHY CROLL
SIGNATURE:	/ Timothy R Croll36771 /
DATE SIGNED:	03/16/2022

Total Attachments: 73

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RELEASE OF SECURITY INTEREST IN PATENTS

April 16, 2020

This RELEASE OF SECURITY INTEREST IN PATENTS (this “**Release**”) is made and executed by MUFG Union Bank, N.A., as collateral agent for the Secured Parties (as defined in the Security Agreement referred to below) (the “**Collateral Agent**”), in favor of Cypress Semiconductor Corporation (“**Cypress**”), a Delaware corporation, and Spansion LLC, a Delaware limited liability company (each a “**Grantor**” and collectively, the “**Grantors**”). Capitalized terms used but not defined herein shall have the meanings ascribed to such terms in the Security Agreement.

A. Pursuant to that certain Amended and Restated Pledge and Security Agreement, dated March 12, 2015 (as further amended and/or restated, supplemented or otherwise modified from time to time, the “**Security Agreement**”), as security for the prompt and complete payment and performance in full when due (whether at stated maturity, by required prepayment, declaration, acceleration, demand or otherwise, including the payment of amounts that would become due but for the operation of the automatic stay under Section 362(a) of the Bankruptcy Code) of all Secured Obligations, each Grantor pledged and granted to the Collateral Agent, for its benefit and for the benefit of the Secured Parties, a continuing security interest in and Lien of all of its right, title, and interest in, to and under the Collateral.

B. The Collateral Agent entered into an Assignment and Assumption of Security Interest in Intellectual Property (the “**First Assignment**”), dated as of July 31, 2019, with Morgan Stanley Senior Funding, Inc. as the former collateral agent (“**MSSF**”), whereby MSSF assigned to the Collateral Agent its right, title and interest in and to (i) that certain Patent Security Agreement dated as of August 22, 2012, (ii) that certain Patent Security Agreement dated as of November 4, 2013, (iii) that certain Patent Security Agreement dated as of March 12, 2015, (iv) that certain Patent Security Agreement dated as of August 5, 2016, (v) that certain Patent Security Agreement dated as of April 21, 2017, and (vi) that certain Patent Security Agreement dated as of June 20, 2018, each as further amended, restated, amended and restated, supplemented or otherwise modified from time to time, by and between each Grantor party thereto (or each Additional Grantor party thereto) and MSSF (collectively, the “**Patent Security Agreements**”), which were respectively recorded with the United States Patent and Trademark Office (“**USPTO**”) on August 28, 2012, at Reel/Frame 028863/0870, on November 14, 2013, at Reel/Frame 031636/0105, on March 21, 2015, at Reel/Frame 035240/0429, on August 15, 2016, at Reel/Frame 039676/0237, on April 25, 2017, at Reel/Frame 042326/0396 and on June 21, 2018, at Reel/Frame 046402/0277. In connection therewith, MSSF also assigned to the Collateral Agent its continuing security interest in and Lien on all of MSSF’s right, title and interest in, to and under all Patent Collateral (as defined in the Patent Security Agreements).

C. Cypress executed and delivered to the Collateral Agent that certain Patent Security Agreement (“**New Security Agreement**”), dated as of July 31, 2019, which was recorded with the USPTO on July 31, 2019, at Reel/Frame 049917/0093, whereby Cypress assigned to the Collateral Agent its continuing security interest in and Lien on all of its right, title and interest in, to and under all Patent Collateral (as defined in the New Security Agreement).

D. The Collateral Agent entered into an Assignment and Assumption of Security Interest in Intellectual Property (the “**Second Assignment**”), dated as of December 4, 2019, with MSSF as the former collateral agent, whereby MSSF assigned to the Collateral Agent its right, title and interest in, to and under all Patent Collateral (as defined in the Second Assignment), which Second Assignment was recorded with the USPTO on December 5, 2019, at Reel/Frame 051209/0721, in order to properly record the assignment of MSSF’s right, title and interest in, to and under certain Patent Collateral (as defined in the Patent Security Agreements) that were not properly recorded under the First Assignment.

E. Each Grantor has requested that the Collateral Agent release its continuing security interest in and Lien on all of such Grantor's right, title and interest in, to and under the assets set forth in the Patent Security Agreements and New Security Agreement (the "**Specified IP**"), including those assets listed on Exhibit A hereto.

F. The Collateral Agent agrees to release its continuing security interest in and Lien on all of each Grantor's right, title and interest in, to and under the Specified IP.

NOW, THEREFORE, for valuable consideration received, by its execution of this Release, the Collateral Agent hereby irrevocably and unconditionally (i) terminates the Patent Security Agreements and New Security Agreement, (ii) releases its continuing security interest in and Lien on all of each Grantor's right, title and interest in, to and under the Specified IP, and (iii) re-assigns to each Grantor, any right, title or interest the Collateral Agent may have in, to or under the Specified IP, in each case, without representation, warranty or recourse.

THIS RELEASE AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE LAW OF THE STATE OF NEW YORK WITHOUT REGARD TO CONFLICT OF LAW PRINCIPLES THAT WOULD RESULT IN THE APPLICATION OF ANY LAW OTHER THAN THE LAW OF THE STATE OF NEW YORK. THE TERMS AND PROVISIONS OF SECTION 9.13 OF THE SECURITY AGREEMENT ARE INCORPORATED BY REFERENCE HEREIN WITH RESPECT HERETO AS IF FULLY SET FORTH HEREIN.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has executed this Release of Security Interest in Patents as of the date first written above.

MUFG UNION BANK, N.A.,
as Collateral Agent

By: 

Name: Keith Sevigny

Title: Vice President

[Signature Page to Patent Security Release]

PATENT
REEL: 059410 FRAME: 0494

Exhibit A

[To attach the schedules to the Patent Security Agreements and New Security Agreement.]

Patents

Title	App. No.	Patent No.
METHOD FOR READING NON-VOLATILE FERROELECTRIC CAPACITOR MEMORY CELL	07377168	7672151
NON-VOLATILE MEMORY CIRCUIT USING FERROELECTRIC CAPACITOR STORAGE ELEMENT	07443018	7924599
SOURCE BIAS COMPENSATION FOR PAGE MODE READ OPERATION IN A FLASH MEMORY DEVICE	09421151	6118702
FLASH MEMORY WORDLINE TRACKING ACROSS WHOLE CHIP	09431296	6163481
CHARGE GAIN/CHARGE LOSS JUNCTION LEAKAGE PREVENTION FOR FLASH TECHNOLOGY BY USING DOUBLE ISOLATION/CAPPING LAYER BETWEEN LIGHTLY DOPED DRAIN AND GATE	09487964	6465835
APDE scheme for flash memory application	09495215	6198664
System for erasing a memory cell	09514560	6246611
Circuit and method for frequency generator control	09534411	6362668
Row redundancy scheme	09534412	6249466
METHOD FOR FABRICATING NONVOLATILE SEMICONDUCTOR MEMORY DEVICE	09534507	6368916
Electrical ID method for output driver	09534663	6353336
Wired address compare circuit and method	09539903	6288948
HIGH TEMPERATURE DEPOSITION OF PT/TIOX FOR BOTTOM ELECTRODES	09556255	6682772
Auto adjusting window placement scheme for an NROM virtual ground array	09557832	6222768
Semiconductor structure and method of making contacts and source and/or drain junctions in a semiconductor device	09561292	6350665
Method for using a low dielectric constant layer as a semiconductor anti-reflective coating	09586264	6348406
REDUCED PRODUCT TERM CARRY CHAIN	09587708	6708190
Activation of wordline decoders to transfer a high voltage supply	09592474	6359824
METHOD AND APPARATUS FOR PROGRAMMABLE LOGIC DEVICE (PLD) BUILT-IN-SELF-TEST (BIST)	09602938	6839873
NONVOLATILE OCTAL LATCH AND D-TYPE REGISTER	09614157	6362675
PROCESS FOR CREATING A FLASH MEMORY CELL USING A PHOTORESIST FLOW OPERATION	09628130	6458656
SELF-ALIGNED GATE SEMICONDUCTOR	09636333	6495853
Chip enable input buffer	09661358	6275421
METHOD OF FORMING SELF ALIGNED CONTACTS	09661666	6803318
SIMULTANEOUS EXECUTION COMMAND MODES IN A FLASH MEMORY DEVICE	09662791	6654848
System and method for tracking sensing speed by an equalization pulse for a high density flash memory device	09663552	6353566
PROCESS FOR ANNEALING SEMICONDUCTORS AND/OR INTEGRATED CIRCUITS	09670089	6436799
DC-DC converter and controller and controller for detecting a malfunction therein	09671646	6320359
DEEP PIPE SYNCHRONOUS SRAM	09672397	6388942
I/O BASED COLUMN REDUNDANCY FOR VIRTUAL GROUND WITH 2-BIT CELL FLASH MEMORY	09676623	6813735

Title	App. No.	Patent No.
NVSRAM WITH MULTIPLE NON-VOLATILE MEMORY CELLS FOR EACH SRAM MEMORY CELL	09681317	6414873
METHOD AND SYSTEM FOR GENERATING A BIT ORDER DATA STRUCTURE OF CONFIGURATION BITS FROM A SCHEMATIC HIERARCHY	09684160	6904436
Selective erasure of a non-volatile memory cell of a flash memory device	09686686	6366501
Selective erasure of a non-volatile memory cell of a flash memory device	09686693	6349062
METHOD OF ERASING A NON-VOLATILE MEMORY CELL USING A SUBSTRATE BIAS	09697814	6490205
METHOD OF PROGRAMMING A NON-VOLATILE MEMORY CELL USING A SUBSTRATE BIAS	09697815	6438031
SOURCE SIDE BORON IMPLANT AND DRAIN SIDE MDD IMPLANT FOR DEEP SUB 0.18 MICRON FLASH MEMORY	09699711	6653189
SOURCE SIDE BORON IMPLANTING AND DIFFUSING DEVICE ARCHITECTURE FOR DEEP SUB 0.18 MICRON FLASH MEMORY	09699972	6524914
PROCESS FOR REDUCTION OF CAPACITANCE OF A BITLINE FOR A NON-VOLATILE MEMORY CELL	09721066	6417081
INTERFACE CIRCUIT FOR MIXED VOLTAGE I/O BUFFER TO PROVIDE GATE OXIDE PROTECTION	09728350	6417696
METHOD FOR MANUFACTURING NON-VOLATILE SEMICONDUCTOR MEMORY AND NON-VOLATILE SEMICONDUCTOR MEMORY MANUFACTURED THEREBY	09738760	6468861
METHOD FOR ETCHING A DIELECTRIC LAYER FORMED UPON A BARRIER LAYER	09752539	6693042
ADAPTIVE REFERENCE CELLS FOR A MEMORY DEVICE	09764965	6449190
DYNAMIC CONTROL OF INPUT BUFFER THRESHOLDS	09772716	6411150
METHOD AND CIRCUIT FOR SETUP AND HOLD DETECT PASS-FAIL TEST MODE	09790159	6904551
PROGRAMMABLE TRANSMISSION LINE IMPEDANCE MATCHING CIRCUIT	09790372	6384621
FEED-FORWARD CONTROL FOR DC-DC CONVERTERS	09790749	6593725
Negative gate erase	09795856	6307784
STRUCTURE FOR MASKING INTEGRATED CAPACITORS OF PARTICULAR UTILITY FOR FERROELECTRIC MEMORY INTEGRATED CIRCUITS	09797394	6495413
NEW TOPOLOGY ON VCSEL DRIVER	09801409	6980575
SYSTEM AND METHOD TO FACILITATE STABILIZATION OF REFERENCE VOLTAGE SIGNALS IN MEMORY DEVICES	09824166	6459628
METHOD AND CIRCUIT FOR ALLOWING A MICROPROCESSOR TO CHANGE ITS OPERATING FREQUENCY ON-THE-FLY	09826397	6859884
SOFT PROGRAM AND SOFT PROGRAM VERIFY OF THE CORE CELLS IN FLASH MEMORY ARRAY	09829193	6493266
BURST ARCHITECTURE FOR A FLASH MEMORY	09829518	6621761
DUAL-PORTED CAMS FOR A SIMULTANEOUS OPERATION FLASH MEMORY	09829657	6396749
ACCURATE VERIFY APPARATUS AND METHOD FOR NOR FLASH MEMORY CELLS IN THE PRESENCE OF HIGH COLUMN LEAKAGE	09842288	6400608
METHOD OF MAKING A PLANARIZED SEMICONDUCTOR STRUCTURE	09846119	6969684
METHOD OF DOPING WELLS, CHANNELS, AND GATES OF DUAL GATE CMOS TECHNOLOGY WITH REDUCED NUMBER OF MASKS	09846666	6586296

Title	App. No.	Patent No.
THRESHOLD VOLTAGE COMPACTING FOR NON-VOLATILE SEMICONDUCTOR MEMORY DESIGNS	09851773	6438037
TWO STAGE LOW VOLTAGE FERROELECTRIC BOOST CIRCUIT	09864851	6535446
CMOS BOOSTING CIRCUIT UTILIZING FERROELECTRIC CAPACITORS	09864858	6430093
METHOD AND APPARATUS FOR PROGRAMMING A FLASH MEMORY	09875599	7185162
WIRED ADDRESS COMPARE CIRCUIT AND METHOD	09876981	6404682
SUBSTRATE ISOLATED TRANSISTOR	09877905	6492710
METHOD OF DRAIN AVALANCHE PROGRAMMING OF A NON-VOLATILE MEMORY CELL	09884402	6456531
METHOD OF PROGRAMMING A NON-VOLATILE MEMORY CELL USING A SUBSTRATE BIAS	09884409	6456536
Ceiling test mode to characterize the threshold voltage distribution of over programmed memory cells	09884583	6370061
ERASE METHOD FOR DUAL BIT VIRTUAL GROUND FLASH	09886861	6512701
SONOS LATCH AND APPLICATION	09892164	6532169
MICROCONTROLLER HAVING AN ON-CHIP HIGH GAIN AMPLIFIER	09893048	7149316
METHOD AND STRUCTURE FOR HIGH-VOLTAGE DEVICE WITH SELF-ALIGNED GRADED JUNCTIONS	09904328	6531366
PROGRAMMABLE ANALOG SYSTEM ARCHITECTURE	09909047	6941336
METHOD AND STRUCTURE FOR FORMING METALLIC INTERCONNECTIONS USING DIRECTED THERMAL DIFFUSION	09916533	6630643
NONINTERFERING MULTIPLY-MAC (MULTIPLY ACCUMULATE) CIRCUIT	09923461	6957242
HIGH-RESISTANCE CONTACT DETECTION TEST MODE	09925721	6910164
PROGRAMMING ARCHITECTURE FOR A PROGRAMMABLE ANALOG SYSTEM	09929891	7092980
PROGRAMMING METHODOLOGY AND ARCHITECTURE FOR A PROGRAMMABLE ANALOG SYSTEM	09930021	6910126
A SYSTEM FOR GENERATING A MAIN CLOCK FOM AN OSCILLATION SIGNAL BASED UPON A WAKEUP SIGNAL OF A PREDETERMINED CYCLE OR CONDITION OF THE OSCILLATION SIGNAL	09939751	7152177
FLASH MEMORY DEVICE AND A METHOD OF FABRICATION THEREOF	09941370	6979619
APPARATUS AND METHOD FOR PROGRAMMABLE POWER MANAGEMENT IN A PROGRAMMABLE ANALOG CIRCUIT BLOCK	09943062	8149048
HIGH PERFORMANCE CARRY CHAIN WITH REDUCED MACROCELL LOGIC AND FAST CARRY LOOKHEAD	09951685	7003545
MICROCOMPUTER WITH DEBUG SUPPORTING FUNCTION	09960519	6922794
SALICIDED GATE FOR VIRTUAL GROUND ARRAYS	09968456	6645801
METHOD FOR SYNCHRONIZING AND RESETTING CLOCK SIGNALS SUPPLIED TO MULTIPLE PROGRAMMABLE ANALOG BLOCKS	09969311	6967511
ARCHITECTURE FOR SYNCHRONIZING AND RESETTING CLOCK SIGNALS SUPPLIED TO MULTIPLE PROGRAMMABLE ANALOG BLOCKS	09969313	7023257
TEST ARCHITECTURE FOR MICROCONTROLLER PROVIDING FOR A SERIAL COMMUNICATION INTERFACE	09972003	6823282
METHOD FOR DESIGNING A CIRCUIT FOR PROGRAMMABLE MICROCONTROLLERS	09989571	7010773

Title	App. No.	Patent No.
SYSTEM AND METHOD FOR PERFORMING NEXT PLACEMENTS AND PRUNING OF DISALLOWED PLACEMENTS FOR PROGRAMMING AN INTEGRATED CIRCUIT	09989762	7844437
USER DEFINED NAMES FOR REGISTERS IN MEMORY BANKS DERIVED FROM CONFIGURATIONS	09989775	6701487
AUTOMATIC GENERATION OF APPLICATION PROGRAM INTERFACES, SOURCE CODE, INTERRUPTS, AND DATASHEETS FOR MICROCONTROLLER PROGRAMMING	09989808	7086014
DATA DRIVEN METHOD AND SYSTEM FOR MONITORING HARDWARE RESOURCE USAGE FOR PROGRAMMING AN ELECTRONIC DEVICE	09989815	6785881
DATASHEET BROWSING AND CREATION WITH DATA-DRIVEN DATASHEET TABS WITHIN A MICROCONTROLLER DESIGN TOOL	09989816	6715132
SYSTEM AND METHOD OF DYNAMICALLY RECONFIGURING A PROGRAMMABLE INTEGRATED CIRCUIT	09989817	6971004
SYSTEM AND METHOD FOR CREATING A BOOT FILE UTILIZING A BOOT TEMPLATE	09989819	6898703
AUTOMATIC APPLICATION PROGRAMMING INTERFACE (API) GENERATION FOR FUNCTIONAL BLOCKS	09994599	7337407
SYSTEM AND METHOD FOR DYNAMICALLY GENERATING A CONFIGURATION DATASHEET	09994600	7770113
DESIGN SYSTEM PROVIDING AUTOMATIC SOURCE CODE GENERATION FOR PERSONALIZATION AND PARAMETERIZATION OF USER MODULES	09998848	8042093
METHOD AND SYSTEM FOR DATA-DRIVEN DISPLAY GRIDS	09999609	7003732
DRAIN SIDE SENSING SCHEME FOR VIRTUAL GROUND FLASH EPROM ARRAY WITH ADJACENT BIT CHARGE AND HOLD	09999869	6510082
METHOD AND APPARATUS FOR GENERATING MICROCONTROLLER CONFIGURATION INFORMATION	10002726	7406674
QUICK CLICK ICONS FOR WORKSPACE FLOW BETWEEN VIEWS FOR MAJOR SUBSYSTEMS AND VIEWS WITHIN A DESIGN TOOL	10008548	6959421
BORDERLESS CONTACT ARCHITECTURE	10010837	6713831
METHOD AND CIRCUIT FOR SYNCHRONIZING A WRITE OPERATION BETWEEN AN ON-CHIP MICROPROCESSOR AND AN ON-CHIP PROGRAMMABLE ANALOG DEVICE OPERATING AT DIFFERENT FREQUENCIES	10011214	6950954
INTERFACE SCHEME FOR CONNECTING A FIXED CIRCUITRY BLOCK TO A PROGRAMMABLE LOGIC CORE	10011696	6747479
SELF REFERENCING 1T/1C FERROELECTRIC RANDOM ACCESS MEMORY	10022119	6459609
METHOD FOR REPAIRING DAMAGE TO CHARGE TRAPPING DIELECTRIC LAYER FROM BIT LINE IMPLANTATION	10023349	6500713
CIRCUIT AND METHOD FOR REDUCING VOLTAGE STRESS IN A MEMORY DECODER	10029371	6654309
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