

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4010047

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	PATENT RELEASE	
CONVEYING PARTY DATA		
Name		Execution Date
MORGAN STANLEY SENIOR FUNDING, INC.		08/05/2016
RECEIVING PARTY DATA		
Name:	NXP B.V.	
Street Address:	HIGH TECH CAMPUS 60	
Internal Address:	5656 AG	
City:	EINDHOVEN	
State/Country:	NETHERLANDS	
PROPERTY NUMBERS Total: 1071		
Property Type	Number	
Patent Number:	7183773	
Patent Number:	7191348	
Patent Number:	7197621	
Patent Number:	7236049	
Patent Number:	7355624	
Patent Number:	7419875	
Patent Number:	7440738	
Patent Number:	7515074	
Patent Number:	7670961	
Patent Number:	7741182	
Patent Number:	7791128	
Patent Number:	7791140	
Patent Number:	7919364	
Patent Number:	7923359	
Patent Number:	7939416	
Patent Number:	8012818	
Patent Number:	8063427	
Patent Number:	8093659	
Patent Number:	8138596	
Patent Number:	8148052	

PATENT

Property Type	Number
Patent Number:	8216894
Patent Number:	8338228
Patent Number:	8362561
Patent Number:	8368044
Patent Number:	8378593
Patent Number:	8389392
Patent Number:	8518783
Patent Number:	8541267
Patent Number:	8546863
Patent Number:	8593772
Patent Number:	8630074
Patent Number:	8653750
Patent Number:	8664885
Patent Number:	8692479
Patent Number:	8723444
Patent Number:	8836226
Patent Number:	8878444
Patent Number:	8963511
Patent Number:	9128500
Patent Number:	9137880
Patent Number:	9167638
Patent Number:	7809931
Application Number:	10562032
Patent Number:	7917819
Patent Number:	7634703
Patent Number:	7652597
Patent Number:	7734989
Patent Number:	7697632
Patent Number:	7500033
Patent Number:	7432693
Patent Number:	7324790
Patent Number:	7068198
Patent Number:	7885174
Patent Number:	7002940
Patent Number:	7507638
Patent Number:	7224711
Patent Number:	7543186
Patent Number:	7354814

Property Type	Number
Patent Number:	7352793
Patent Number:	7109782
Patent Number:	7266359
Patent Number:	7037795
Patent Number:	7361985
Patent Number:	7292827
Patent Number:	8085868
Patent Number:	7409623
Patent Number:	7362840
Patent Number:	7228120
Patent Number:	7499442
Patent Number:	7983371
Patent Number:	7501794
Application Number:	11022813
Patent Number:	7508896
Patent Number:	7458008
Patent Number:	7797618
Patent Number:	7434148
Patent Number:	7091071
Patent Number:	7532687
Patent Number:	7548552
Patent Number:	7376177
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Patent Number:	7585735
Patent Number:	7444443
Patent Number:	7317345
Patent Number:	7135934
Patent Number:	7634696
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Patent Number:	7504302
Patent Number:	7751792
Patent Number:	7164297
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Patent Number:	7392026
Patent Number:	7226820
Patent Number:	7221006

Property Type	Number
Patent Number:	7469020
Patent Number:	7282386
Patent Number:	7512720
Patent Number:	7447944
Patent Number:	7548561
Patent Number:	7444556
Patent Number:	7570627
Application Number:	11128281
Patent Number:	7356628
Patent Number:	7245527
Patent Number:	7135909
Patent Number:	7496060
Patent Number:	7480837
Application Number:	11146110
Patent Number:	7387946
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Patent Number:	7394686
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Patent Number:	7226840
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Patent Number:	7211487
Patent Number:	7256454
Application Number:	11190901
Patent Number:	7421252
Patent Number:	7627030

Property Type	Number
Patent Number:	7354831
Patent Number:	7355456
Patent Number:	7457726
Patent Number:	7539462
Patent Number:	7697638
Patent Number:	7570634
Patent Number:	7512171
Patent Number:	7440737
Patent Number:	7724816
Patent Number:	7635903
Application Number:	11229596
Patent Number:	7573865
Application Number:	11229599
Patent Number:	8050179
Patent Number:	7376777
Patent Number:	7212463
Patent Number:	7651935
Patent Number:	7352333
Patent Number:	7769112
Patent Number:	7519099
Application Number:	11239040
Patent Number:	7697614
Patent Number:	7502410
Patent Number:	7643602
Patent Number:	7395401
Patent Number:	7774079
Patent Number:	7512864
Patent Number:	7598784
Patent Number:	8155189
Patent Number:	7916796
Patent Number:	7602837
Patent Number:	7504289
Patent Number:	7383393
Patent Number:	7332979
Patent Number:	7697907
Patent Number:	7265004
Patent Number:	7539272
Application Number:	11296502

Property Type	Number
Patent Number:	7592248
Patent Number:	7693219
Patent Number:	7432122
Patent Number:	7432729
Patent Number:	7478084
Patent Number:	7808886
Patent Number:	7594087
Patent Number:	7313166
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Patent Number:	7432024
Patent Number:	7705885
Patent Number:	7476593

Property Type	Number
Patent Number:	7590419
Patent Number:	7924131
Patent Number:	7697321
Patent Number:	7521974
Patent Number:	7457892
Patent Number:	7564275
Patent Number:	7603094
Patent Number:	7315268
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Patent Number:	7494832
Patent Number:	7873425
Patent Number:	7840887
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Patent Number:	7788471
Patent Number:	7459744
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Patent Number:	8102931
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Patent Number:	9001899
Patent Number:	8320460
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Patent Number:	7524731
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Patent Number:	7752049
Patent Number:	7733729
Patent Number:	7937058
Patent Number:	7679974
Patent Number:	7548103
Patent Number:	7502893
Patent Number:	7322014
Patent Number:	7750374
Patent Number:	7865797

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Patent Number:	7995607
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Patent Number:	7881694
Patent Number:	7747238
Patent Number:	8982899
Patent Number:	7975155
Patent Number:	7605731
Application Number:	11579357
Patent Number:	7656029
Patent Number:	7487661
Application Number:	11589874
Patent Number:	7843848
Patent Number:	7674646
Patent Number:	7802241
Patent Number:	7927956
Patent Number:	7717060
Application Number:	11616142
Patent Number:	7912437
Patent Number:	7782991
Patent Number:	7397291
Patent Number:	7760816
Patent Number:	7285855
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Patent Number:	7932189
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Patent Number:	7889782

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Application Number:	11679982
Patent Number:	7733191
Patent Number:	7700405
Patent Number:	8041901
Patent Number:	7941499
Patent Number:	7414384
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Patent Number:	7693191
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Patent Number:	8204129
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Patent Number:	7852915
Patent Number:	7778074
Patent Number:	7991356
Patent Number:	8036312
Application Number:	11732737
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Patent Number:	7605437
Application Number:	11737506
Patent Number:	7725750
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Patent Number:	7683445
Patent Number:	7781840

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Application Number:	11743157
Patent Number:	7518352
Patent Number:	7718485
Application Number:	11755498
Patent Number:	7648858
Application Number:	11767413
Patent Number:	7774584
Patent Number:	8120660
Patent Number:	8015470
Patent Number:	7566993
Patent Number:	8081523
Application Number:	11813863
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Application Number:	11813993
Patent Number:	7898359
Patent Number:	7804835
Application Number:	11814563
Patent Number:	7791937
Application Number:	11814801
Patent Number:	8000821
Patent Number:	7620760
Patent Number:	7903768
Patent Number:	8958459
Patent Number:	7657709
Patent Number:	7812675
Patent Number:	7746176
Application Number:	11816100
Patent Number:	8410787
Patent Number:	7733142
Patent Number:	7671474
Patent Number:	7961721
Patent Number:	7838965
Patent Number:	8160091
Patent Number:	7827360
Patent Number:	7578190
Patent Number:	7821067
Patent Number:	7725638
Application Number:	11839044

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Patent Number:	7489202
Patent Number:	7437951
Patent Number:	7579908
Patent Number:	7595226
Application Number:	11848053
Application Number:	11848070
Patent Number:	7975307
Patent Number:	7786713
Patent Number:	7525353
Patent Number:	7683465
Patent Number:	7872974
Patent Number:	8119424
Patent Number:	7805116
Patent Number:	7657854
Patent Number:	7382158
Application Number:	11867189
Patent Number:	8117618
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Patent Number:	7912119
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Patent Number:	7535079
Patent Number:	8183941
Patent Number:	8280329
Patent Number:	7644801
Patent Number:	7994069
Patent Number:	8175548
Patent Number:	7692280
Application Number:	11910975
Patent Number:	7680622
Patent Number:	8035362
Application Number:	11911702
Patent Number:	8552734
Patent Number:	7570110
Patent Number:	7820538
Patent Number:	7538570
Application Number:	11912837
Patent Number:	8178901

Property Type	Number
Application Number:	11912971
Patent Number:	7605027
Patent Number:	7606956
Patent Number:	7761637
Patent Number:	7747802
Patent Number:	7774528
Patent Number:	7711867
Patent Number:	7562172
Patent Number:	7788431
Patent Number:	7940874
Patent Number:	8238074
Patent Number:	7804165
Patent Number:	8299819
Patent Number:	8050349
Application Number:	11914230
Patent Number:	7859076
Patent Number:	8072010
Patent Number:	7907610
Application Number:	11915401
Patent Number:	7882374
Patent Number:	7948014
Patent Number:	8045986
Patent Number:	7809024
Patent Number:	7866439
Patent Number:	8058768
Patent Number:	7750866
Application Number:	11915818
Application Number:	11916192
Application Number:	11916328
Patent Number:	7949067
Patent Number:	8037254
Patent Number:	8065493
Application Number:	11917038
Patent Number:	8345809
Application Number:	11917046
Patent Number:	7790545
Patent Number:	8117525
Application Number:	11917613

Property Type	Number
Patent Number:	8543746
Patent Number:	7929927
Application Number:	11938816
Patent Number:	7781831
Patent Number:	7707339
Patent Number:	7651889
Patent Number:	8373221
Patent Number:	7741194
Patent Number:	7835435
Patent Number:	7443325
Application Number:	11993625
Application Number:	11993650
Application Number:	11994245
Patent Number:	7586374
Patent Number:	7930444
Patent Number:	8001430
Patent Number:	8140797
Patent Number:	8094755
Patent Number:	7821342
Patent Number:	7989879
Patent Number:	8225112
Application Number:	11995373
Patent Number:	8085651
Patent Number:	8279943
Patent Number:	8463227
Patent Number:	8189117
Application Number:	11996300
Patent Number:	7899955
Patent Number:	8153480
Patent Number:	7970362
Patent Number:	8451758
Patent Number:	8159203
Patent Number:	8689338
Patent Number:	7515014
Patent Number:	7937064
Patent Number:	7667492
Patent Number:	7644200
Patent Number:	7598805

Property Type	Number
Patent Number:	8055982
Patent Number:	7823369
Patent Number:	7589658
Patent Number:	8010074
Patent Number:	8509160
Patent Number:	8216703
Patent Number:	7612588
Patent Number:	7608893
Patent Number:	7829366
Patent Number:	7742340
Patent Number:	7701285
Patent Number:	7688113
Application Number:	12063460
Application Number:	12063465
Patent Number:	8201251
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Application Number:	12063855
Application Number:	12064166
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Application Number:	12064382
Application Number:	12065933
Patent Number:	8099614
Patent Number:	8693488
Patent Number:	8707140
Patent Number:	8255757
Patent Number:	8185804
Application Number:	12067080
Application Number:	12067485
Patent Number:	7679556
Patent Number:	7686000
Patent Number:	7925286
Application Number:	12067982
Application Number:	12068000
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Patent Number:	8008993
Patent Number:	7750745

Property Type	Number
Patent Number:	8120003
Patent Number:	8203574
Application Number:	12089247
Patent Number:	8027143
Patent Number:	7926719
Patent Number:	8310944
Application Number:	12090028
Patent Number:	8209558
Patent Number:	7707335
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Patent Number:	7975093
Patent Number:	7755444
Application Number:	12090736
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Application Number:	12092129
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Application Number:	12092629
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Patent Number:	7822070
Application Number:	12095159
Patent Number:	8340599
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Patent Number:	8199793
Application Number:	12096232
Patent Number:	7605740
Application Number:	12097100
Application Number:	12097128

Property Type	Number
Patent Number:	7576387
Patent Number:	8078845
Patent Number:	8035353
Patent Number:	8619016
Patent Number:	8385398
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Property Type	Number
Patent Number:	8230289
Patent Number:	7983634
Application Number:	12162175
Patent Number:	8462756
Patent Number:	8350963
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Application Number:	12171577
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Patent Number:	7930127
Application Number:	12274266
Patent Number:	7802038

Property Type	Number
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Property Type	Number
Application Number:	12306583
Application Number:	12306605
Patent Number:	8325618
Patent Number:	7956801
Application Number:	12307787
Patent Number:	7764123
Patent Number:	8368657
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Patent Number:	7943525
Application Number:	12340547
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Patent Number:	8199719

Property Type	Number
Patent Number:	8233524
Patent Number:	7894440
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Patent Number:	7871886
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Application Number:	12439414
Application Number:	12439430
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Patent Number:	8138087
Patent Number:	7786014
Patent Number:	8136737
Patent Number:	7790606
Application Number:	12444684
Patent Number:	8203430
Application Number:	12446183
Application Number:	12446636
Patent Number:	8214674
Application Number:	12447202
Patent Number:	8009658
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Patent Number:	8228117
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Property Type	Number
Application Number:	12506065
Patent Number:	7655502
Patent Number:	7960864
Patent Number:	8396227
Patent Number:	8284964
Application Number:	12513894
Patent Number:	8004318
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Patent Number:	7818890
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Application Number:	12517260
Application Number:	12517572
Patent Number:	8959500
Application Number:	12518500
Patent Number:	8341301
Patent Number:	8836481
Application Number:	12523388
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Patent Number:	7973570
Patent Number:	8138855
Patent Number:	8138007
Patent Number:	7795674

Property Type	Number
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Patent Number:	8114739
Application Number:	12581051
Patent Number:	8451936
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Application Number:	12591171
Patent Number:	7903778
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Patent Number:	7937845
Application Number:	12594294
Patent Number:	8902992
Patent Number:	8250420
Patent Number:	8242815
Application Number:	12597146
Patent Number:	8665093
Application Number:	12598017
Application Number:	12598040
Patent Number:	8488887
Patent Number:	8612651
Application Number:	12601291
Patent Number:	8340021
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Patent Number:	8659087
Application Number:	12647373
Patent Number:	8062068
Patent Number:	8175517
Patent Number:	8471763
Application Number:	12665360
Patent Number:	8437496
Patent Number:	8043951
Application Number:	12670691
Patent Number:	8683861

Property Type	Number
Patent Number:	8526665
Application Number:	12671214
Patent Number:	8340622
Application Number:	12673015
Patent Number:	8176361
Patent Number:	8228123
Application Number:	12675849
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Application Number:	12682789
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Patent Number:	7989951
Patent Number:	8189717
Application Number:	12708874
Patent Number:	8286011
Patent Number:	7795702
Patent Number:	8184045
Patent Number:	8138817
Patent Number:	8401019
Patent Number:	8416969
Application Number:	12744497
Patent Number:	8149605
Patent Number:	8358370
Patent Number:	8457243
Application Number:	12752699
Patent Number:	8115469
Patent Number:	7957500
Patent Number:	7979597
Application Number:	12765897
Patent Number:	7934034
Patent Number:	7940102
Patent Number:	8203386
Patent Number:	8397571

Property Type	Number
Patent Number:	8464117
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Patent Number:	8165243
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Patent Number:	8199215
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Patent Number:	7923315
Patent Number:	8264678
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Patent Number:	8779548
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Property Type	Number
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Application Number:	13857892
Application Number:	13868501

Property Type	Number
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Application Number:	14301423
Application Number:	14316731
Application Number:	14317030
Patent Number:	9041465

Property Type	Number
Application Number:	14444106
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Application Number:	14546928
Patent Number:	9271355
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Application Number:	14588581
Application Number:	14635269
Application Number:	14639762
Application Number:	14657045
Patent Number:	9209118
Application Number:	14667787
Application Number:	14667860
Patent Number:	8566466
Patent Number:	6567027

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08/17/2016

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PATENT RELEASE

THIS PATENT RELEASE is effective as of August 5, 2016 by Morgan Stanley Senior Funding, Inc., as the Collateral Agents (as defined below).

1. Reference is made to:

- (a) that certain Secured Term Credit Agreement, dated as of March 4, 2011 (as amended, supplemented or otherwise modified from time to time, the “Term Credit Agreement” and together with the Original Revolving Credit Agreement (as defined below), the “NXP Credit Agreements”) entered into by NXP Semiconductors N.V. (previously KASLION Acquisition B.V.) with its corporate seat in Eindhoven, the Netherlands (“Holdings”), NXP B.V. (the “Company”), certain affiliates of the Company, the Secured Parties, Morgan Stanley Senior Funding, Inc., as Global Collateral Agent (in such capacity, the “Global Collateral Agent”) and as RCF Administrative Agent (in such capacity, the “RCF Administrative Agent”) and in its capacity as 6% Notes Collateral Agent and Credit Agreement Collateral Agent (the “Notes Collateral Agent”) and Mizuho Bank Ltd. (formerly Mizuho Corporate Bank Ltd.), as Taiwan Collateral Agent (in such capacity, the “Taiwan Collateral Agent” and, together with the Global Collateral Agent, and the Notes Collateral Agent, the “Collateral Agents”) for the Secured Parties under the Collateral Agency Agreement referred to below, and others (collectively, the “Original Credit Parties”);
- (b) (i) that certain secured term credit agreement, dated as of December 7, 2015 (as amended, supplemented or otherwise modified from time to time, the “New Term Credit Agreement”), (ii) a secured revolving credit agreement, dated as of December 7, 2015 (as amended, supplemented or otherwise modified from time to time, the “New Revolving Credit Agreement” and, together with the New Term Credit Agreement, the “New Credit Agreements”), in each case of the foregoing clauses (i) and (ii), as entered into by the Company, NXP Funding LLC, the Secured Parties, the Global Collateral Agent and others, and (iii) a secured revolving credit agreement, dated as of April 27, 2012 (as amended, supplemented or otherwise modified from time to time, the “Original Revolving Credit Agreement”) as entered into by the Original Credit Parties;
- (c) that certain amended and restated indenture in relation to an issue of 6.0% senior secured notes due 2022 (the “Freescall 2022 Notes”), by and among Freescall Semiconductor, Inc., as issuer, the Freescall Notes Guarantors and Wells Fargo Bank, National Association, as trustee (the “Amended and Restated Indenture for the Freescall 2022 Notes” and together with the Amended and Restated Indenture for the Freescall 2021 Notes, the “Amended and Restated Freescall Indentures”).

2. The Company has informed the Collateral Agents that at the time of entry into the New Credit Agreements, the Company did not own any interest in the patents listed on Schedule 1 attached hereto (the “Patents”).

3. Accordingly, based upon the representations provided by the Company, effective as of the date hereof the Collateral Agents' interests (including security interests) in and to the Patents are irrevocably and unconditionally terminated, released, reassigned and extinguished:

4. Notwithstanding anything herein (or in any other document, communication or filing relating hereto by any person) to the contrary, each Collateral Agent is authorizing solely the release of the liens granted to it in connection with the NXP Credit Agreements, the New Credit Agreements and the Amended and Restated Freescale Indentures and not any other liens or security interests at any time granted by any party in favor of any Collateral Agent pursuant to any other document or in favor of any other person.

5. GOVERNING LAW. THIS RELEASE AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

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IN WITNESS WHEREOF, the undersigned have caused this Patent Release to be duly executed and delivered as of the date first above written.

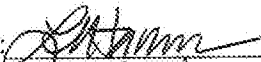
MORGAN STANLEY SENIOR
FUNDING, INC., as Global Collateral
Agent

By: 
Name: Lisa Hansen
Title: Authorized Signatory

MORGAN STANLEY SENIOR
FUNDING, INC., as RCF
Administrative Agent

By: 
Name: Lisa Hansen
Title: Authorized Signatory

MORGAN STANLEY SENIOR
FUNDING, INC., as the Notes
Collateral Agent

By: 
Name: Lisa Hansen
Title: Authorized Signatory

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Schedule 1

Patent ID	Patent Ref	Filed Date	App No.	Patent No.	App Title
<u>81139517</u>	DE030213US1		10/562075	7183773	REFERENCE BUILT-IN SELF-TEST (RBIST)
<u>81131468</u>	NL020812US		10/525579	7191348	TRANSITION DETECTION AT INPUT OF INTEGRATED CIRCUIT DEVICE
<u>81107793</u>	DE020090US	08 Apr 2003	10/409437	7197621	FAST SEARCH ALGORITHM FOR DATA SORTING IN CHAINED LISTS
<u>81137405</u>	DE030089US1		10/549561	7236049	CIRCUIT AND METHOD FOR CONTROLLING TRANSISTORS
<u>81135199</u>	US020514US		10/538346	7355624	METHOD AND APPARATUS FOR HAVING VIDEO IN A TWO-WAY RADIO.
<u>81137977</u>	BE020039US1		10/537518	7419875	Shallow Trench Isolation in Floating Gate Devices

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<u>81138272</u>	US030053US2		10/548419	7440738	AUTOMATIC GAIN CONTROL WITH TWO POWER DETECTORS
<u>81131552</u>	NL020834US		10/527551	7515074	ELECTRONIC CIRCUIT WITH CODING LOGIC
<u>81142860</u>	US040232US2		11/629058	7670961	REDUCTION OF CRACKING IN LOW-K SPIN-ON-DIELECTRIC FILMS
<u>81144898</u>	NL050068US1		11/815100	7741182	METHOD OF FABRICATING A FINFET
<u>81357701</u>	002046US1	26 Sep 2006	12/067986	7791128	Asymmetric Dual Gate Flash Cell
<u>81368227</u>	004787US1	02 Feb 2007	12/278629	7791140	Method for obtaining dual work function, independent gates for FINFET applications
<u>81378520</u>	006126US	09 Jul 2007	12/307800	7919364	The Sea of Fins: design-aided method to manufacture FinFETs with separated gates

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PATENT
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<u>81144003</u>	US040369US2		11/576344	7923359	REDUCTION OF SHEET RESISTANCE OF PHOSPHORUS IMPLANTED POLY..
<u>81410431</u>	81056995US03	30 Mar 2009	12/935924	7939416	Low-Complexity HBT in a dual-gate finFET Process
<u>81380858</u>	006848US	29 Aug 2007	12/439584	8012818	Method to oxidize 4H-SiC to produce high inversion channel mobility SiC MOSFET
<u>81357713</u>	002047US1	26 Sep 2006	12/067992	8063427	Fin Flash Cell with double channel
<u>81366465</u>	004900US1	22 Jan 2007	12/161709	8093659	A method to integrate dual workfunction for the gate of 3D-Stacked-FinFETs.
<u>81390593</u>	006503US1	11 Apr 2008	12/594600	8138596	Low cost Leadframe based on embedded wires

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PATENT
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<u>81384592</u>	007140US	13 Nov 2007	12/514777	8148052	High throughput double patterning for lithography
<u>81414100</u>	81057438US03	10 Jun 2009	12/999289	8216894	Method for eliminating contact resistance in finFET CMOS devices with deposited metal gates.
<u>81143583</u>	DE040224US1		11/574014	8338228	METHOD FOR THINING OF SEMICONDUCTOR MATERIAL
<u>81354447</u>	006657US1	10 Dec 2007	12/519162	8362561	N and P Tunneling Transistors Embedded in a Single Fin-FET
<u>81391362</u>	008235US1	17 Apr 2008	12/594779	8368044	3D folded phase change line
<u>81398116</u>	81339836US05	20 Oct 2008	12/738820	8378593	Jitter correction for LED driver connected to conventional phase cut dimmer.

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<u>81406926</u>	81045581US05	09 Feb 2009	12/866852	8389392	Gate separation in FinFETs using sacrificial gate
<u>81412305</u>	81362632US04	27 Apr 2009	12/989521	8518783	Effective EOT reduction of High- K gate oxide stacks by Al implantation and incorporation in the interfacial layer
<u>81409358</u>	81049881US03	20 Mar 2009	12/933414	8541267	FinFET Transistor with High- Voltage Capability and CMOS- Compatible Method for Fabricating the Same
<u>81391496</u>	007820US1	17 Apr 2008	12/594673	8546863	Novel arrays of 3D memory cells with 1-or-2 nanowire based transistors for ultra high densities
<u>81417270</u>	81368313US05	06 Aug 2009	13/059172	8593772	IC compatible with mains voltage enabling a breakthru for (retrofit) mains voltage LED lighting solutions

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PATENT
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<u>81517050</u>	81410861US03	29 Mar 2012	13/433582	8630074	Over Temperature Protected Triac
<u>81494033</u>	81397277US03	15 Nov 2011	13/296803	8653750	Method to detect dimmer and to adapt dynamic dimmer load in order to improve dimmer compatibility and to increase system efficiency
<u>81494934</u>	81380400US03	28 May 2010	13/320547	8664885	A CIRCUIT FOR A DIMMER
<u>81533079</u>	81421304US03	24 Oct 2012	13/659519	8692479	Adaptive digitallly controlled dimmable LED lamp driver
<u>81519575</u>	81413337US03	22 Feb 2012	13/402199	8723444	multi output resonant LED driver
<u>81537226</u>	81492608US02	12 Dec 2012	13/712572	8836226	Soft stop bleeding function to improve dimmer compatibility
<u>81626802</u>	81538384US03	22 Jan 2014	14/160753	8878444	LED current stability improvement via output load control

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<u>81534724</u>	81424388US03	13 Dec 2012	13/713236	8963511	Ac main supply recovery with phase looked loop for led driver application
<u>81583799</u>	81421261US03	01 May 2013	13/874986	9128500	SWITCHING CIRCUITS
<u>81485873</u>	81404612US03	06 Oct 2011	13/267819	9137880	Accurate Dimming Control Level Generation from Phase Cut Dimmer Output with Fast Response to Changes in Dimmer Position
<u>81585673</u>	81521644US02	09 Aug 2013	13/963347	9167638	LED CONTROLLER CIRCUIT
<u>81840124</u>	SC12303EM- US05	06 Oct 2003	10/531756	7809931	ARRANGEMENT, SYSTEM AND METHOD FOR VECTOR PERMUTATION IN SINGLE- INSTRUCTION MULTIPLE- DATA MICROPROCESSORS

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PATENT
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<u>81848767</u>	XSI089-US05	01 Jul 2004	10/562032		SYSTEM AND METHOD FOR SYNCHRONIZATION OF ISOCHRONOUS DATA STREAMS OVER A WIRELESS COMMUNICATION LINK
<u>81141474</u>	FR040006US1		10/585607	7917819	JTAG TEST ARCHITECTURE FOR MULTI-CHIP PACK
<u>81841217</u>	SC13039EI- US03	03 Dec 2004	10/596205	7634703	LINEAR APPROXIMATION OF TEH MAX*OPERATION FOR LOG-MAP DECODING
<u>81841243</u>	SC13079EI- US04	13 Dec 2004	10/596367	7652597	MULTIMODE DECODER
<u>81841261</u>	SC13080EI- US04	08 Dec 2004	10/596369	7734989	MULTI-STANDARD TURBO INTERLEAVER USING TABLES
<u>81841231</u>	SC13051ET- US07	22 Dec 2004	10/596910	7697632	LOW IF RADIO RECEIVER
<u>81841382</u>	SC13164ET- US07	16 Feb 2005	10/598352	7500033	UNIVERSAL SERIAL BUS TRANSMITTER
<u>81841707</u>	SC13308ET- US03	15 Mar 2005	10/598955	7432693	LOW DROP-OUT DC VOLTAGE REGULATOR

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<u>81848775</u>	XSI094-US01	29 Apr 2004	10/834024	7324790	WIRELESS TRANSCEIVER AND METHOD OF OPERATING THE SAME
<u>81841127</u>	SC13001ZC- US01	28 May 2004	10/857041	7068198	DOUBLE-SAMPLED INTEGRATOR SYSTEM AND METHOD THEREOF
<u>81848770</u>	XSI091-US02	17 Jun 2004	10/868903	7885174	COMMON SIGNALING MODE FOR USE WITH MULTIPLE WIRELESS FORMATS
<u>81848773</u>	XSI093-US02	17 Jun 2004	10/868948	7002940	MULTIPLE-STAGE FILTERING DEVICE AND METHOD
<u>81841346</u>	SC13201ZK- US01	30 Jun 2004	10/881144	7507638	ULTRA-THIN DIE AND METHOD OF FABRICATING SAME
<u>81848777</u>	XSI095-US01	30 Jul 2004	10/902021	7224711	SYSTEM AND METHOD FOR THE MITIGATION OF SPECTRAL LINES IN AN ULTRAWIDE BANDWIDTH TRANSCEIVER

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PATENT
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<u>81846442</u>	SIGTST001-US01	13 Sep 2004	10/939535	7543186	SYSTEM AND METHOD FOR IMPLEMENTING SOFTWARE BREAKPOINTS
<u>81841359</u>	SC13209TP-US01	23 Sep 2004	10/949057	7354814	SEMICONDUCTOR PROCESS WITH FIRST TRANSISTOR TYPES ORIENTED IN A FIRST PLANE AND SECOND TRANSISTOR TYPES ORIENTED IN A SECOND PLANE
<u>81848779</u>	XSI097-US01	30 Sep 2004	10/952813	7352793	SYSTEM AND METHOD FOR ULTRA WIDEBAND COMMUNICATIONS USING MULTIPLE CODE WORDS
<u>81841901</u>	SC13489TC-US01	05 Oct 2004	10/958831	7109782	WELL BIAS VOLTAGE GENERATOR
<u>81841710</u>	SC13313TS-US01	12 Oct 2004	10/963387	7266359	DC INTERFERENCE REMOVAL IN WIRELESS COMMUNICATIONS

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PATENT
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<u>81841705</u>	SC13304TP-US01	15 Oct 2004	10/965964	7037795	LOW RC PRODUCT TRANSISTORS IN SOI SEMICONDUCTOR PROCESS
<u>81841961</u>	SC13527TK-US01	27 Oct 2004	10/974658	7361985	THERMALLY ENHANCED MOLDED PACKAGE FOR SEMICONDUCTORS
<u>81848778</u>	XSI096-US01	29 Oct 2004	10/975375	7292827	SYSTEM AND METHOD FOR PROVIDING A SINGLE-ENDED RECEIVE PORTION AND A DIFFERENTIAL TRANSMIT PORTION IN A WIRELESS TRANSCIVER
<u>81841276</u>	SC13112ZC-US01	03 Nov 2004	10/980707	8085868	PHASE MODULATING AND COMBINING CIRCUIT
<u>81846443</u>	SIGTST002-US01	04 Nov 2004	10/981086	7409623	SYSTEM AND METHOD OF READING NON-VOLATILE COMPUTER MEMORY

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PATENT
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<u>81848856</u>	XSI115-US01	18 Nov 2004	10/990367	7362840	CIRCUIT AND METHOD FOR ADJUSTING TIMING ALIGNMENT USING PROGRAMMABLE CODES
<u>81848684</u>	XSI109-US01	18 Nov 2004	10/990400	7228120	CIRCUIT AND METHOD FOR REDUCING DIRECT CURRENT BIASES
<u>81848858</u>	XSI117-US01	30 Nov 2004	10/998572	7499442	METHOD FOR SHARING BANDWIDTH USING REDUCED DUTY CYCLE SIGNALS
<u>81848805</u>	XSI103-US01	30 Nov 2004	10/998716	7983371	SYSTEM AND METHOD FOR USING PROGRAMMABLE FREQUENCY OFFSETS IN A DATA NETWORK
<u>81845530</u>	SIGTST011- US01	17 Dec 2004	11/015538	7501794	SYSTEM, METHOD AND SEMICONDUCTOR DEVICR FOR CHARGING A SECONDARY BATTERY

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PATENT
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<u>81848807</u>	XSI105-US01	28 Dec 2004	11/022813		INTEGRATED CIRCUIT PACKAGING DEVICE AND METHOD FOR MATCHING IMPEDANCE
<u>81848726</u>	XSI107-US01	28 Dec 2004	11/022883	7508896	CIRCUIT AND METHOD FOR DYNAMICALLY ADJUSTING A FILTER BANDWIDTH
<u>81848804</u>	XSI102-US01	30 Dec 2004	11/024803	7458008	DECISION VOTING IN A PARALLEL DECODER
<u>81848780</u>	XSI098-US01	30 Dec 2004	11/024804	7797618	PARALLEL RECODER FOR ULTRA WIDE BANDWIDTH RECEIVER
<u>81848803</u>	XSI101-US01	30 Dec 2004	11/024805	7434148	TRACK BUFFER IN A PARALLEL DECODER
<u>81841413</u>	SC13530TP- US01	03 Jan 2005	11/028811	7091071	SEMICONDUCTOR FABRICATION PROCESS INCLUDING RECESSED SOURCE/DRAIN REGIONS IN AN SOI WAFER

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PATENT
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<u>81848685</u>	XSI110-US01	18 Jan 2005	11/036132	7532687	DUAL STAGE AUTOMATIC GAIN CONTROL IN AN ULTRA WIDEBAND RECEIVER
<u>81848857</u>	XSI116-US01	18 Jan 2005	11/036133	7548552	METHOD FOR POLLING IN A MEDIUM ACCESS CONTROL PROTOCOL
<u>81848801</u>	XSI099-US01	31 Jan 2005	11/045362	7376177	CIRCUIT AND METHOD FOR RAKE TRAINING DURING ACQUISITION
<u>81842389</u>	SC13703ZC- US01	31 Jan 2005	11/046910	7148749	CLOSED LOOP POWER CONTROL WITH HIGH DYNAMIC RANGE
<u>81841964</u>	SC13533TP- US01	01 Feb 2005	11/047946	7585735	ASYMMETRIC SPACERS AND ASYMMETRIC SOURCE/DRAIN EXTENSION LAYERS
<u>81848861</u>	XSI120-US01	28 Feb 2005	11/066307	7444443	METHOD OF REPEATING DATA TRANSMISSION BETWEEN NETWORK DEVICES

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PATENT
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<u>81842688</u>	SC13861TC-US01	01 Mar 2005	11/069537	7317345	ANTI-GATE LEAKAGE PROGRAMMABLE CAPACITOR
<u>81841268</u>	SC13094TC-US01	01 Mar 2005	11/069664	7135934	FULLY PROGRAMMABLE PHASE LOCKED LOOP
<u>81846454</u>	SIGTST006-US01	03 Mar 2005	11/070970	7634696	SYSTEM AND METHOD FOR TESTING MEMORY
<u>81848867</u>	XSI124-US01	11 Mar 2005	11/076855	7224938	METHOD OF COMMUNICATING WITH A NETWORK DEVICE
<u>81842429</u>	SC13749TP-US01	14 Mar 2005	11/079674	7399675	ELECTRONIC DEVICE INCLUDING AN ARRAY AND PROCESS FOR FORMING THE SAME
<u>81842114</u>	SC13581TP-US01	18 Mar 2005	11/083878	7504302	NON-VOLATILE MEMORY CELL INCLUDING A CAPACITOR STRUCTURE AND PROCESSES FOR FORMING THE SAME

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<u>81842441</u>	SC13732ZC-US01	22 Mar 2005	11/086045	7751792	HIGHER LINEARITY PASSIVE MIXER
<u>81842633</u>	SC14053TC-US01	31 Mar 2005	11/095066	7164297	MULTIPLE REFERENCE CLOCK SYNTHESIZER
<u>81843150</u>	SC14103ZC-US01	01 Apr 2005	11/096517	7711039	SYSTEM AND METHOD FOR PROTECTING LOW VOLTAGE TRANSCEIVER
<u>81842706</u>	SC13885ZC-US01	01 Apr 2005	11/096520	7369820	SYSTEM AND METHOD FOR DC OFFSET CORRECTION IN TRANSMIT BASEBAND
<u>81843029</u>	SC14036ZC-US01	04 Apr 2005	11/098490	7392026	MULTI-BAND MIXER AND QUADRATURE SIGNAL GENERATOR FOR A MULTI-MODE RADIO RECEIVER

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<u>81841939</u>	SC13470TP-US01	07 Apr 2005	11/101354	7226820	TRANSISTOR FABRICATION USING DOUBLE ETCH/REFILL PROCESS
<u>81842664</u>	SC13847TP-US01	20 Apr 2005	11/110234	7221006	GeSOI TRANSISTOR WITH LOW JUNCTION CURRENT AND LOW JUNCTION CAPACITANCE AND METHOD FOR MAKING THE SAME
<u>81842609</u>	SC13834TC-US01	26 Apr 2005	11/114366	7469020	SYSTEMS, METHODS, AND APPARATUS FOR REDUCING DYNAMIC RANGE REQUIREMENTS OF A POWER AMPLIFIER IN A WIRELESS DEVICE
<u>81841297</u>	SC13141ZP-US01	29 Apr 2005	11/117996	7282386	SCHOTTKY DEVICE AND METHOD OF FORMING

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<u>81846124</u>	SIG000170-US01	29 Apr 2005	11/118150	7512720	SYSTEM AND METHOD FOR ACCESSING UNIVERSAL SERIAL BUS NETWORKS
<u>81842024</u>	SC13558TH-US01	29 Apr 2005	11/118827	7447944	PREDICTIVE METHODS AND APPARATUS FOR NON-VOLATILE MEMORY
<u>81848854</u>	XSI112-US01	13 May 2005	11/128267	7548561	METHOD OF TRANSMITTING AND RECEIVING DATA
<u>81848808</u>	XSI111-US01	13 May 2005	11/128268	7444556	SYSTEM AND METHOD OF INTERLEAVING TRANSMITTED DATA
<u>81848868</u>	XSI125-US02	13 May 2005	11/128269	7570627	METHOD FOR SHARING BANDWIDTH USING REDUCED DUTY CYCLE SIGNALS AND MEDIA ACCESS CONTROL
<u>81848872</u>	XSI126-US01	13 May 2005	11/128281		REAL TIME CLOCK
<u>81842882</u>	SC13943TH-US01	13 May 2005	11/129600	7356628	PACKET SWITCH WITH MULTIPLE ADDRESSABLE COMPONENTS

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<u>81841889</u>	SC13434TC-US01	16 May 2005	11/130351	7245527	NONVOLATILE MEMORY SYSTEM USING MAGNETO-RESISTIVE RANDOM ACCESS MEMORY (MRAM)
<u>81846125</u>	SIG000172-US01	17 May 2005	11/130946	7135909	TEMPERATURE SENSOR CIRCUIT AND SYSTEM
<u>81842694</u>	SC13870TH-US01	20 May 2005	11/134712	7496060	EXTENDING BATTERY LIFE IN COMMUNICATION DEVICES HAVING A PLURALITY OF RECEIVERS
<u>81843240</u>	SC14340TH-US01	01 Jun 2005	11/142639	7480837	METHOD OF MONITORING TIMEOUT CONDITIONS AND DEVICE THEREFOR
<u>81848860</u>	XSI119-US01	07 Jun 2005	11/146110		SYSTEM AND METHOD FOR SELECTING A STRONGEST SIGNAL ACROSS CLOCK DOMAINS IN AN ULTRA WIDEBAND RECEIVER

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<u>81842601</u>	SC13821TP-US01	07 Jun 2005	11/146825	7387946	METHOD OF FABRICATING A SUBSTRATE FOR A PLANAR, DOUBLE GATED, TRANSISTOR PROCESS
<u>81842433</u>	SC13718TH-US01	10 Jun 2005	11/149670	7430642	SYSTEM AND METHOD FOR UNIFIED CACHE ACCESS USING SEQUENTIAL INSTRUCTION INFORMATION
<u>81842881</u>	SC13942ZC-US01	14 Jun 2005	11/151752	7693242	DC OFFSET CORRECTION FOR CONSTANT ENVELOPE SIGNALS
<u>81842476</u>	SC13777TS-US01	20 Jun 2005	11/156396	7649961	SUPPRESSED CARRIER QUADRATURE PULSE MODULATOR
<u>81848482</u>	XSI001-US05	12 Dec 1997	11/165519	7408973	ULTRA WIDE BANDWIDTH SPREAD-SPECTRUM COMMUNICATIONS SYSTEM

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<u>81841269</u>	SC13095TC-US01	29 Jun 2005	11/169862	7183817	HIGH SPEED OUTPUT BUFFER WITH AC-COUPLED LEVEL SHIFT AND DC LEVEL DETECTION AND CORRECTION
<u>81846130</u>	SIG000178-US01	30 Jun 2005	11/171919	7428603	SYSTEM AND METHOD FOR COMMUNICATING WITH MEMORY DEVICES
<u>81842305</u>	SC13641TP-US01	30 Jun 2005	11/172569	7517741	SINGLE TRANSISTOR MEMORY CELL WITH REDUCED RECOMBINATION RATES
<u>81842352</u>	SC13647TP-US01	30 Jun 2005	11/172570	7238555	SINGLE TRANSISTOR MEMORY CELL WITH REDUCED PROGRAMMING VOLTAGES
<u>81842630</u>	SC14049ZC-US01	07 Jul 2005	11/176034	7339442	BASEBAND RC FILTER POLE AND ON-CHIP CURRENT TRACKING SYSTEM

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<u>81848511</u>	XSI014-US02	10 Oct 2000	11/183778	7643533	LOW POWER, HIGH RESOLUTION TIMING GENERATOR FOR ULTRA- WIDE BANDWIDTH COMMUNICATION SYSTEMS
<u>81843210</u>	SC14139TP- US01	25 Jul 2005	11/188583	7314798	METHOD OF FABRICATING A NONVOLATILE STORAGE ARRAY WITH CONTINUOUS CONTROL GATE EMPLOYING HOT CARRIER INJECTION PROGRAMMING
<u>81843174</u>	SC14149TP- US01	25 Jul 2005	11/188584	7250340	METHOD OF FABRICATING PROGRAMMABLE STRUCTURE INCLUDING DISCONTINUOUS STORAGE ELEMENTS AND SPACER CONTROL GATES IN A TRENCH

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<u>81843215</u>	SC14148TP-US01	25 Jul 2005	11/188585	7394686	PROGRAMMABLE STRUCTURE INCLUDING DISCONTINUOUS STORAGE ELEMENTS AND SPACER CONTROL GATES IN A TRENCH
<u>81843207</u>	SC14143TP-US01	25 Jul 2005	11/188591	7619270	ELECTRONIC DEVICE INCLUDING DISCONTINUOUS STORAGE ELEMENTS
<u>81840616</u>	SC14122TP-US01	25 Jul 2005	11/188603	7211858	SPLIT GATE STORAGE DEVICE INCLUDING A HORIZONTAL FIRST GATE AND A VERTICAL SECOND GATE IN A TRENCH
<u>81843208</u>	SC14136TP-US01	25 Jul 2005	11/188909	7226840	PROCESS FOR FORMING AN ELECTRONIC DEVICE INCLUDING DISCONTINUOUS STORAGE ELEMENTS
<u>81843206</u>	SC14135TP-US01	25 Jul 2005	11/188910	7205608	ELECTRONIC DEVICE INCLUDING DISCONTINUOUS STORAGE ELEMENTS

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<u>81840621</u>	SC14126TP-US01	25 Jul 2005	11/188935	7619275	ELECTRONIC DEVICE INCLUDING DISCONTINUOUS STORAGE ELEMENTS
<u>81843213</u>	SC14144TP-US01	25 Jul 2005	11/188939	7211487	PROCESS FOR FORMING AN ELECTRONIC DEVICE INCLUDING DISCONTINUOUS STORAGE ELEMENTS
<u>81840622</u>	SC14128TP-US01	25 Jul 2005	11/188953	7256454	ELECTRONIC DEVICE INCLUDING DISCONTINUOUS STORAGE ELEMENTS AND A PROCESS FOR FORMING THE SAME
<u>81848859</u>	XSI118-US01	28 Jul 2005	11/190901		SYSTEM AND METHOD FOR MITIGATING FILTER TRANSIENTS IN AN ULTRA WIDEBAND RECEIVER

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<u>81843127</u>	SC14089ZC-US01	02 Aug 2005	11/195478	7421252	CENTER FREQUENCY CONTROL OF AN INTEGRATED PHASE ROTATOR BAND-PASS FILTER USING VCO COARSE TRIM BITS
<u>81842817</u>	SC13913TS-US01	05 Aug 2005	11/198602	7627030	RADIO RECEIVER WITH SELECTIVELY DISABLED EQUALIZER
<u>81842826</u>	SC13927TP-US01	08 Aug 2005	11/199482	7354831	MULTI-CHANNEL TRANSISTOR STRUCTURE AND METHOD OF MAKING THEREOF
<u>81843000</u>	SC14031TC-US01	08 Aug 2005	11/199493	7355456	WIDE LINEAR RANGE PEAK DETECTOR
<u>81825279</u>	COM0801-US01	08 Aug 2005	11/199562	7457726	SYSTEM AND METHOD FOR SELECTIVELY OBTAINING PROCESSOR DIAGNOSTIC DATA

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<u>81842825</u>	SC13924ZC-US01	08 Aug 2005	11/199737	7539462	CONFIGURABLE MULTI-MODE MODULATION SYSTEM AND TRANSMITTER
<u>81843357</u>	SC14262TH-US01	16 Aug 2005	11/205450	7697638	MODULATION DETECTION IN A SAIC OPERATIONAL ENVIRONMENT
<u>81842915</u>	SC13989VX-US01	30 Aug 2005	11/213764	7570634	PRIORITY QUEUING OF FRAMES IN A TDMA NETWORK
<u>81848875</u>	XSI128-US01	31 Aug 2005	11/214736	7512171	SYSTEM AND METHOD FOR CALIBRATING AN ANALOG SIGNAL PATH IN AN ULTRA WIDEBAND RECEIVER
<u>81842818</u>	SC13914TS-US01	30 Aug 2005	11/215776	7440737	NOISE BLANKER CONTROL

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<u>81843360</u>	SC14261TS-US01	13 Sep 2005	11/225282	7724816	DYNAMIC SWITCHING BETWEEN MLSE AND LINEAR EQUALIZER FOR SINGLE ANTENNA INTERFERENCE CANCELLATION IN A GSM COMMUNICATION SYSTEM
<u>81843581</u>	SC14653ZP-US01	13 Sep 2005	11/225973	US7635903	OSCILLATOR AND METHOD OF MANUFACTURE
<u>81848880</u>	XSI133-US01	20 Sep 2005	11/229596		VOLTAGE CONTROLLED OSCILLATOR WITH AMPLITUDE CONTROL
<u>81848683</u>	XSI108-US01	20 Sep 2005	11/229598	7573865	METHOD OF SYNCHRONIZING A WIRELESS DEVICE USING AN EXTERNAL CLOCK
<u>81848879</u>	XSI132-US01	20 Sep 2005	11/229599		PIPELINED ANALOG TO DIGITAL CONVERTER
<u>81842700</u>	SC13876VX-US01	22 Sep 2005	11/231886	8050179	METHOD AND SYSTEM FOR ACKNOWLEDGING FRAMES IN A COMMUNICATION NETWORK

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<u>81843417</u>	SC14381ZC-US01	23 Sep 2005	11/233915	7376777	PERFORMING AN N-BIT WRITE ACCESS TO AN MXN- BIT-ONLY PERIPHERAL
<u>81846154</u>	SIG000203-US01	23 Sep 2005	11/233999	7212463	METHOD AND SYSTEM OF OPERATING MODE DETECTION
<u>81843223</u>	SC14320TP-US01	27 Sep 2005	11/237346	7651935	ELECTRONIC DEVICE WITH A GATE ELECTRODE HAVING AT LEAST TWO PORTIONS AND A PROCESS FOR FORMING THE ELECTRONIC DEVICE
<u>81848878</u>	XSI131-US01	29 Sep 2005	11/237751	7352333	FREQUENCY-NOTCHING ANTENNA
<u>81848874</u>	XSI130-US01	29 Sep 2005	11/237752	7769112	METHOD AND SYSTEM FOR GENERATING WAVELETS
<u>81848883</u>	XSI136-US01	30 Sep 2005	11/238990	7519099	PSEUDORANDOM NOISE LOCK DETECTOR

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<u>81848882</u>	XSI135-US01	30 Sep 2005	11/239040		CIRCUIT AND METHOD FOR DETECTING NON-VOLATILE MEMORY DURING A BOOT SEQUENCE
<u>81848876</u>	XSI129-US01	30 Sep 2005	11/239082	7697614	SYSTEM AND METHOD FOR CALIBRATING AN ANALOG SIGNAL PATH DURING OPERATION IN AN ULTRA WIDEBAND RECEIVER
<u>81848884</u>	XSI138-US01	30 Sep 2005	11/239133	7502410	METHOD AND SYSTEM FOR CONTROLLING A NOTCHING MECHANISM
<u>81848885</u>	XSI139-US01	30 Sep 2005	11/239350	7643602	METHOD AND SYSTEM FOR ESTIMATING FREQUENCY OFFSETS
<u>81846153</u>	SIG000202- US01	30 Sep 2005	11/241299	7395401	SYSTEM AND METHOD FOR ACCESSING SOLID-STATE MEMORY DEVICES

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<u>81846160</u>	SIG000213-US01	03 Oct 2005	11/242404	7774079	METHOD AND SYSTEM FOR RECEIVING AND DECODING AUDIO SIGNALS
<u>81846157</u>	SIG000205-US01	30 Sep 2005	11/242425	7512864	SYSTEM AND METHOD OF ACCESSING NON-VOLATILE COMPUTER MEMORY
<u>81843374</u>	SC14286TC-US01	07 Oct 2005	11/245566	7598784	SYSTEM AND METHOD FOR CONTROLLING SIGNAL TRANSITIONS
<u>81843354</u>	SC14257TS-US01	19 Oct 2005	11/253517	8155189	SYSTEM AND METHOD OF CODING MODE DECISION FOR VIDEO ENCODING
<u>81843342</u>	SC14234TC-US01	19 Oct 2005	11/254166	7916796	REGION CLUSTERING BASED ERROR CONCEALMENT FOR VIDEO DATA
<u>81843677</u>	SC14912TH-US01	20 Oct 2005	11/254392	7602837	BEAMFORMING FOR NON-COLLABORATIVE, SPACE DIVISION MULTIPLE ACCESS SYSTEMS

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<u>81843299</u>	SC14179TP-US01	26 Oct 2005	11/258781	7504289	ELECTRONIC DEVICE INCLUDING TRANSISTOR STRUCTURES WITH SIDEWALL SPACERS AND A PROCESS FOR FORMING THE ELECTRONIC DEVICE
<u>81843475</u>	SC14492TH-US01	28 Oct 2005	11/261357	7383393	SYSTEM AND METHOD FOR COOPERATIVE PREFETCHING
<u>81843565</u>	SC14626ZC-US01	28 Oct 2005	11/261978	7332979	LOW NOISE REFERENCE OSCILLATOR WITH FAST START-UP
<u>81848886</u>	XSI140-US01	10 Nov 2005	11/270457	7697907	SYSTEM AND METHOD FOR CONTROLLING THE TRANSMIT POWER OF A WIRELESS MODULE

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<u>81842691</u>	SC13867TP-US01	14 Nov 2005	11/273092	7265004	ELECTRONIC DEVICES INCLUDING A SEMICONDUCTOR LAYER AND A PROCESS FOR FORMING THE SAME
<u>81843356</u>	SC14260TS-US01	30 Nov 2005	11/290367	7539272	FREQUENCY ERROR ESTIMATION AND CORRECTION IN A SAIC LINEAR EQUALIZER
<u>81848887</u>	XSI141-US01	08 Dec 2005	11/296502		METHOD FOR DEVICE AUTHENTICATION
<u>81842923</u>	SC13991TP-US01	09 Dec 2005	11/298148	7592248	SEMICONDUCTOR DEVICE HAVING NANOTUBE STRUCTURES AND METHOD OF FORMING
<u>81843594</u>	SC14721TC-US01	04 Jan 2006	11/325066	7693219	SYSTEM AND METHOD FOR FAST MOTION ESTIMATION

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<u>81843232</u>	SC14333TP-US01	06 Jan 2006	11/327686	7432122	ELECTRONIC DEVICE AND A PROCESS FOR FORMING THE ELECTRONIC DEVICE
<u>81843244</u>	SC14350TP-US01	10 Jan 2006	11/328645	7432729	METHODS OF TESTING ELECTRONIC DEVICES
<u>81846478</u>	SIGRIO352-US02	16 Nov 2001	11/328978	7478084	REMOTE-DIRECTED MANAGEMENT OF MEDIA CONTENT
<u>81847287</u>	WM10050TS-US01	18 Jan 2006	11/334606	7808886	PILOT SIGNAL IN AN FDMA COMMUNICATION SYSTEM
<u>81846314</u>	SIG000252-US01	19 Jan 2006	11/335292	7594087	NON-VOLATILE MEMORY
<u>81832133</u>	PC0115-US02	15 Jun 2001	11/336500	7313166	MULTICODE RECEIVER
<u>81843472</u>	SC14487TH-US01	03 Feb 2006	11/347103	7865897	SELECTIVE TRANSACTION REQUEST PROCESSING AT AN INTERCONNECT DURING A LOCKOUT
<u>81843611</u>	SC14788ZP-US01	10 Feb 2006	11/351610	7432150	METHOD OF MANUFACTURING A MAGNETOELECTRONIC DEVICE

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<u>81846162</u>	SIG000215-US01	16 Feb 2006	11/356227	7453288	CLOCK TRANSLATOR AND PARALLEL TO SERIAL CONVERTER
<u>81843663</u>	SC14894TH-US01	21 Feb 2006	11/359329	7617437	ERROR CORRECTION DEVICE AND METHOD THEREOF
<u>81843540</u>	SC14573TS-US01	23 Feb 2006	11/360218	7693128	MANAGING PACKETS FOR TRANSMISSION IN A COMMUNICATION SYSTEM
<u>81843511</u>	SC14516TP-US01	24 Feb 2006	11/361171	7538002	SEMICONDUCTOR PROCESS INTEGRATING SOURCE/DRAIN STRESSORS AND INTERLEVEL DIELECTRIC LAYER STRESSORS
<u>81843412</u>	SC14368TS-US01	24 Feb 2006	11/361948	7924925	FLEXIBLE MACROBLOCK ORDERING WITH REDUCED DATA TRAFFIC AND POWER CONSUMPTION
<u>81843486</u>	SC14667TS-US01	24 Feb 2006	11/362214	7675844	SYNCHRONIZATION FOR OFDM SIGNALS

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<u>81843126</u>	SC14087TS-US01	28 Feb 2006	11/365774	7599321	PRIORITIZATION OF CONNECTION IDENTIFIERS FOR AN UPLINK SCHEDULER IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM
<u>81842299</u>	SC13619TP-US01	06 Mar 2006	11/369513	7670760	TREATMENT FOR REDUCTION OF LINE EDGE ROUGHNESS
<u>81843527</u>	SC14541TP-US01	10 Mar 2006	11/373532	7403410	SWITCH DEVICE AND METHOD
<u>81843469</u>	SC14478ZC-US01	14 Mar 2006	11/374870	7403071	HIGH LINEARITY AND LOW NOISE AMPLIFIER WITH CONTINUOUSLY VARIABLE GAIN CONTROL

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<u>81843245</u>	SC14352TP-US01	15 Mar 2006	11/375890	7456055	ELECTRONIC DEVICE INCLUDING A SEMICONDUCTOR FIN AND A PROCESS FOR FORMING THE ELECTRONIC DEVICE
<u>81843483</u>	SC14510TH-US01	17 Mar 2006	11/377993	7653822	ENTRY INTO A LOW POWER MODE UPON APPLICATION OF POWER AT A PROCESSING DEVICE
<u>81843123</u>	SC14083TS-US01	12 May 2006	11/383119	8077775	SYSTEMS AND METHOD OF ADAPTIVE RATE CONTROL FOR A VIDEO ENCODER
<u>81843461</u>	SC14467TC-US01	23 Mar 2006	11/388154	7346820	TESTING OF DATA RETENTION LATCHES IN CIRCUIT DEVICES
<u>81843438</u>	SC14420TH-US01	29 Mar 2006	11/392383	7865704	SELECTIVE INSTRUCTION BREAKPOINT GENERATION

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<u>81843689</u>	SC14940TP-US01	30 Mar 2006	11/393287	7592224	PROGRAMMABLE STRUCTURE INCLUDING CONTROL GATE OVERLYING SELECT GATE FORMED IN A TRENCH
<u>81843512</u>	SC14517TP-US01	30 Mar 2006	11/393340	7494856	SEMICONDUCTOR FABRICATION PROCESS USING ETCH STOP LAYER TO OPTIMIZE FORMATION OF SOURCE/DRAIN STRESSOR
<u>81843708</u>	SC15006TP-US01	10 Apr 2006	11/400945	7514313	ELECTRONIC DEVICE AND A PROCESS FOR FORMING THE ELECTRONIC DEVICE
<u>81843541</u>	SC14574ZC-US01	14 Apr 2006	11/404350	7675983	MITIGATION OF DC DISTORTION IN OFDM RECEIVERS
<u>81843704</u>	SC14998TP-US01	21 Apr 2006	11/408311	7410544	METHOD FOR CLEANING ELECTROLESS PROCESS TANK

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<u>81843643</u>	SC14846TP-US01	24 Apr 2006	11/409633	7670895	ELECTRONIC DEVICE INCLUDING A SEMICONDUCTOR LAYER AND ANOTHER LAYER ADJACENT TO AN OPENING WITHIN THE SEMICONDUCTOR LAYER AND A PROCESS OF FORMING THE SAME
<u>81832118</u>	PC0060-US02	27 Jun 2001	11/412761	7324558	METHOD AND APPARATUS FOR CONTROLLING THE TIMING OF A COMMUNICATION DEVICE
<u>81847391</u>	WM10133TH-US01	28 Apr 2006	11/412865	7627325	SYSTEM AND METHOD FOR CONTROLLING A WIRELESS DEVICE
<u>81847252</u>	WM10037TS-US01	30 May 2006	11/421007	7773672	SCALABLE RATE CONTROL SYSTEM FOR A VIDEO ENCODER

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<u>81849932</u>	SC11641TS-US09	07 Mar 2001	11/422230	8099729	METHOD AND DEVICE FOR CREATING AND USING PRE- INTERNALIZED PROGRAM FILES
<u>81825206</u>	CML00563CR-US03	15 Aug 2002	11/423621	7432024	LITHOGRAPHIC TEMPLATE AND METHOD OF FORMATION AND USE
<u>81847298</u>	WM10088TS-US01	15 Jun 2006	11/424278	7705885	IMAGE AND VIDEO MOTION STABILIZATION SYSTEM
<u>81841489</u>	SC13221ZP-US04	30 Apr 2004	11/426815	7476593	SEMICONDUCTOR DEVICE AND METHOD OF FORMING THE SAME
<u>81843358</u>	SC14263TS-US01	12 May 2006	11/433590	7590419	FREQUENCY CORRECTION CHANNEL BURST DETECTOR IN A GSM/EDGE COMMUNICATION SYSTEM

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<u>81828095</u>	MT10005ZK-US01	19 May 2006	11/437073	7924131	ELECTRICAL COMPONENT HAVING AN INDUCTOR AND A METHOD OF FORMATION
<u>81828129</u>	MT10037TS-US01	22 May 2006	11/438541	US7697321	NON-VOLATILE MEMORY CELL AND METHODS THEREOF
<u>81842016</u>	SC13549ZC-US01	31 May 2006	11/443971	7521974	A TRANSITIONAL PHASE LOCKED LOOP USING A QUANTIZED INTERPOLATED EDGE TIMED SYNTHESIZER
<u>81830753</u>	NC10092TH-US01	05 Jun 2006	11/446891	7457892	DATA COMMUNICATION FLOW CONTROL DEVICE AND METHODS THEREOF
<u>81843653</u>	SC14873ZC-US01	09 Jun 2006	11/450623	7564275	SWITCHING CIRCUIT AND A METHOD OF DRIVING A LOAD
<u>81843804</u>	SC15189ZC-US01	14 Jun 2006	11/452457	7603094	DC OFFSET CORRECTION FOR DIRECT CONVERSION RECEIVERS

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<u>81843603</u>	SC14745ZC-US01	15 Jun 2006	11/453200	7315268	INTEGRATOR CURRENT MATCHING
<u>81847306</u>	WM10194ZC-US01	13 Jul 2006	11/457312	7479824	A DUAL MODE VOLTAGE SUPPLY CIRCUIT
<u>81843505</u>	SC14806TS-US01	02 Aug 2006	11/461811	7809936	METHOD AND APPARATUS FOR RECONFIGURING A REMOTE DEVICE
<u>81841327</u>	SC13172TP-US03	10 Jun 2004	11/465395	7521720	SEMICONDUCTOR OPTICAL DEVICES AND METHOD FOR FORMING
<u>81841326</u>	SC13172TP-US02	10 Jun 2004	11/465402	7494832	SEMICONDUCTOR OPTICAL DEVICES AND METHOD FOR FORMING
<u>81846326</u>	SIG000265-US01	07 Aug 2006	11/500632	7873425	SYSTEM AND METHOD OF PROCESSING COMPRESSED AUDIO DATA
<u>81846595</u>	TS10058TC-US01	25 Aug 2006	11/510368	7840887	DATA STREAM PROCESSING METHOD AND SYSTEM

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<u>81846512</u>	TS10071TC-US01	25 Aug 2006	11/510542	7358871	METHOD AND SYSTEM FOR DECODING DATA
<u>81847414</u>	WM10172US-US01	31 Aug 2006	11/513365	7697928	SYSTEM AND METHOD FOR DEVICE TESTING
<u>81843384</u>	SC14301TH-US01	18 Sep 2006	11/522634	7788471	DATA PROCESSOR AND METHODS THEREOF
<u>81843212</u>	SC14141TP-US02	25 Jul 2005	11/525747	7459744	HOT CARRIER INJECTION PROGRAMMABLE STRUCTURE INCLUDING DISCONTINUOUS STORAGE ELEMENTS AND SPACER CONTROL GATES IN A TRENCH AND A METHOD OF USING THE SAME
<u>81846126</u>	SIG000172-US02	17 May 2005	11/527914	7459955	TEMPERATURE SENSOR SYSTEM AND METHOD

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<u>81847470</u>	WM41245US-US01	29 Sep 2006	11/529305	7916736	SYSTEM AND METHOD FOR TRANSLUCENT BRIDGING
<u>81847248</u>	WM10020TS-US01	29 Sep 2006	11/529311	US8102931	METHOD AND DEVICE FOR OPERATING A PRECODED MIMO SYSTEM
<u>81847390</u>	WM10127TC-US01	15 Sep 2006	11/532327	7760960	LOCALIZED CONTENT ADAPTIVE FILTER FOR LOW POWER SCALABLE IMAGE PROCESSING
<u>81847302</u>	WM10185TS-US01	15 Sep 2006	11/532417	9001899	VIDEO INFORMATION PROCESSING SYSTEM WITH SELECTIVE CHROMA DEBLOCK FILTERING
<u>81847559</u>	WM41295TC-US01	18 Sep 2006	11/532701	8320460	DYADIC SPATIAL RE-SAMPLING FILTERS FOR INTER-LAYER TEXTURE PREDICTIONS IN SCALABLE IMAGE PROCESSING

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<u>81843293</u>	SC14169TP-US04	29 Jun 2005	11/536099	7235823	SOURCE SIDE INJECTION STORAGE DEVICE WITH SPACER GATES AND METHOD THEREFOR
<u>81843292</u>	SC14169TP-US03	29 Jun 2005	11/536190	7550348	SOURCE SIDE INJECTION STORAGE DEVICE WITH SPACER GATES AND METHOD THEREFOR
<u>81847505</u>	WM41281TH-US01	02 Oct 2006	11/537902	7702029	MIMO PRECODING ENABLING SPATIAL MULTIPLEXING, POWER ALLOCATION AND ADAPTIVE MODULATION AND CODING
<u>81828309</u>	MT10227ZK-US01	29 Sep 2006	11/540614	7524731	ELECTRONIC DEVICE INCLUDING AN INDUCTOR AND A PROCESS OF FORMING THE SAME

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<u>81846519</u>	SIGTST009-US03	30 Jun 2005	11/545221	7397408	SYSTEM AND METHOD FOR SCHEDULING ACCESS TO AN ANALOG-TO-DIGITAL CONVERTER AND A MICROPROCESSOR
<u>81846481</u>	SIGRIO354-US02	16 Apr 2002	11/546853	7752049	INTERLEAVING OF INFORMATION INTO COMPRESSED DIGITAL AUDIO STREAMS
<u>81142382</u>	NL040338US1		11/547336	7733729	THERMALLY STABLE REFERENCE VOLTAGE GENERATOR FOR MRAM
<u>81847473</u>	WM41249ZC-US01	18 Oct 2006	11/550534	7937058	CONTROLLING THE BANDWIDTH OF AN ANALOG FILTER
<u>81828161</u>	MT10063CF-US01	19 Oct 2006	11/550900	7679974	MEMORY DEVICE HAVING SELECTIVELY DECOUPLEABLE MEMORY PORTIONS AND METHOD THEREOF
<u>81830788</u>	NC10114TC-US01	26 Oct 2006	11/553022	7548103	STORAGE DEVICE AND METHODS THEREOF

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<u>81843788</u>	SC15160TH-US01	26 Oct 2006	11/553146	7502893	SYSTEM AND METHOD FOR REPORTING CACHE COHERENCY STATE RETAINED WITHIN A CACHE HIERARCHY OF A PROCESSING NODE
<u>81840255</u>	SC12512TP-US02	04 Nov 2003	11/555314	7322014	METHOD OF IMPLEMENTING POLISHING UNIFORMITY AND MODIFYING LAYOUT DATA
<u>81828384</u>	MT10302TP-US01	14 Nov 2006	11/559633	7750374	ELECTRONIC DEVICE INCLUDING A TRANSISTOR HAVING A METAL GATE ELECTRODE AND A PROCESS FOR FORMING THE ELECTRONIC DEVICE
<u>81828382</u>	MT10296TS-US01	16 Nov 2006	11/560533	7865797	MEMORY DEVICE WITH ADJUSTABLE READ REFERENCE BASED ON ECC AND METHOD THEREOF

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<u>81841108</u>	SC12978EK-US02	28 Apr 2004	11/568405	7995607	ARBITER FOR A SERIAL BUS SYSTEM
<u>81841352</u>	SC13205EI-US04	23 May 2005	11/570302	7940738	WIRELESS COMMUNICATION UNIT AND METHOD FOR PROCESSING A CODE DIVISION MULTIPLE ACCESS SIGNAL
<u>81144362</u>	US040351US2		11/574242	7881694	CYCLED RECEIVER FOR MOBILE WIRELESS DEVICES
<u>81841999</u>	SC13561EC-US03	06 Sep 2004	11/574756	7747238	WIRELESS COMMUNICATION DEVICE AND DATA INTERFACE
<u>81841998</u>	SC13545EC-US04	07 Sep 2004	11/574867	8982899	APPARATUS AND CONTROL INTERFACE THEREFOR
<u>81841416</u>	SC13502EI-US02	10 Sep 2004	11/575002	7975155	APPARATUS AND METHOD FOR CONTROLLING VOLTAGE AND FREQUENCY
<u>81144269</u>	FR040179US1		11/577500	7605731	Signal Strength Indicator
<u>81142223</u>	NL040457US1		11/579357		VIDEO SCALER FOR GRAPHICS LITE

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<u>81142600</u>	US040214US2		11/579890	US7656029	CUT-OUT HEAT SLUG FOR INTEGRATED CIRCUIT DEVICE PACKAGING
<u>81846576</u>	TS10030ZC-US01	11 Oct 2006	11/580419	7487661	SENSOR HAVING FREE FALL SELF-TEST CAPABILITY AND METHOD THEREFOR
<u>81847246</u>	WM10017TH-US01	31 Oct 2006	11/589874		SYSTEM AND METHOD FOR GENERATING MIMO SIGNALS
<u>81847461</u>	WM10230US-US01	31 Oct 2006	11/589897	7843848	METHODS AND APPARATUS FOR ROUND TRIP TIME MEASUREMENTS
<u>81828469</u>	MT10382ZP-US01	07 Nov 2006	11/593896	7674646	THREE DIMENSIONAL INTEGRATED PASSIVE DEVICE AND METHOD OF FABRICATION
<u>81843607</u>	SC14748IC-US02	11 Dec 2006	11/609102	7802241	METHOD FOR ESTIMATING PROCESSOR ENERGY USAGE

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<u>81840551</u>	SC13063TP-US09	30 Apr 2004	11/609664	7927956	METHOD FOR MAKING A SEMICONDUCTOR STRUCTURE USING SILICON GERMANIUM
<u>81842356</u>	SC13650TP-US03	22 Nov 2004	11/610768	7717060	CONTROLLED ELECTROLESS PLATING
<u>81825118</u>	CML00237CR-US03	31 Jul 2002	11/616142		HIGH SENSITIVITY SENSOR FOR TAGGED MAGNETIC BEAD BIOASSAYS
<u>81847565</u>	WM41297ZC-US01	09 Jan 2007	11/621355	7912437	RADIO FREQUENCY RECEIVER HAVING DYNAMIC BANDWIDTH CONTROL AND METHOD OF OPERATION
<u>81847561</u>	WM41299ZC-US01	09 Jan 2007	11/621387	7782991	FRACTIONALLY RELATED MULTIRATE SIGNAL PROCESSOR AND METHOD

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<u>81847354</u>	WM41366ZC-US01	10 Jan 2007	11/621844	7397291	CLOCK JITTER MINIMIZATION IN A CONTINUOUS TIME SIGMA DELTA ANALOG-TO- DIGITAL CONVERTER
<u>81847345</u>	WM41344ZC-US01	11 Jan 2007	11/622402	7760816	AUTOMATIC GAIN CONTROL USING MULTIPLE EQUALIZED ESTIMATES AND DYNAMIC HYSTERESIS
<u>81841957</u>	SC13521MP-US05	27 Jul 2005	11/625350	7285855	PACKAGED DEVICE AND METHOD OF FORMING SAME
<u>81850046</u>	SC11817TC-US12	30 Apr 2002	11/627229	7725788	METHOD AND APPARATUS FOR SECURE SCAN TESTING

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<u>81828346</u>	MT10259TP-US01	26 Jan 2007	11/627817	7932189	ELECTRONIC DEVICE INCLUDING A LAYER OF DISCONTINUOUS STORAGE ELEMENTS AND A PROCESS FOR FORMING THE ELECTRONIC DEVICE
<u>81846322</u>	SIG000263-US01	19 Dec 2006	11/641564	7831001	DIGITAL AUDIO PROCESSING SYSTEM AND METHOD
<u>81846325</u>	SIG000264-US01	19 Dec 2006	11/641994	7577419	DIGITAL MIXER SYSTEM AND METHOD
<u>81846321</u>	SIG000262-US01	19 Dec 2006	11/641995	7792220	DEMODULATOR SYSTEM AND METHOD
<u>81843687</u>	SC14932TH-US01	27 Dec 2006	11/645870	7975120	DYNAMIC ALLOCATION OF MESSAGE BUFFERS
<u>81846615</u>	TS10097ZP-US01	18 Jan 2007	11/655557	7610809	DIFFERENTIAL CAPACITIVE SENSOR AND METHOD OF MAKING SAME
<u>81830809</u>	NC45139TH-US01	30 Jan 2007	11/668780	7853834	INSTRUCTION-BASED TIMER CONTROL DURING DEBUG

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<u>81830883</u>	NC45222TH-US01	30 Jan 2007	11/668787	7831862	SELECTIVE TIMER CONTROL DURING SINGLE-STEP INSTRUCTION EXECUTION
<u>81843747</u>	SC15113JS-US02	01 Feb 2007	11/670398	7397297	LEVEL SHIFTER CIRCUIT
<u>81843782</u>	SC15282ZK-US01	05 Feb 2007	11/671048	7683483	ELECTRONIC DEVICE WITH CONNECTION BUMPS
<u>81828347</u>	MT10260ZP-US01	09 Feb 2007	11/673015	7663196	INTEGRATED PASSIVE DEVICE AND METHOD OF FABRICATION
<u>81828585</u>	MT10479ZP-US01	14 Feb 2007	11/674886	7777257	BIPOLAR SCHOTTKY DIODE AND METHOD
<u>81840232</u>	SC12468TP-US09	28 Jul 2003	11/676100	8039389	SEMICONDUCTOR DEVICE HAVING AN ORGANIC ANTI- REFLECTIVE COATING (ARC) AND METHOD THEREFOR

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<u>81846636</u>	TS48132ZP-US01	21 Feb 2007	11/677127	7779689	MULTIPLE AXIS TRANSDUCER WITH MULTIPLE SENSING RANGE CAPABILITY
<u>81847478</u>	WM41263ZC-US01	23 Feb 2007	11/678422	7889782	JOINT DE-SPREADING AND FREQUENCY CORRECTION USING A CORRELATOR
<u>81828562</u>	MT10446ZP-US01	27 Feb 2007	11/679573	7869784	RADIO FREQUENCY CIRCUIT WITH INTEGRATED ON-CHIP RADIO FREQUENCY INDUCTIVE SIGNAL COUPLER
<u>81828526</u>	MT10422ZP-US01	28 Feb 2007	11/679982		MRAM FREE LAYER SYNTHETIC ANTIFERROMAGNET STRUCTURE AND METHODS
<u>81846507</u>	TS10061TC-US01	28 Feb 2007	11/680218	7733191	OSCILLATOR DEVICES AND METHODS THEREOF

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<u>81828423</u>	MT10334ZP-US01	28 Feb 2007	11/680316	7700405	MICROELECTRONIC ASSEMBLY WITH IMPROVED ISOLATION VOLTAGE PERFORMANCE AND A METHOD FOR FORMING THE SAME
<u>81830808</u>	NC45137TH-US01	05 Mar 2007	11/682058	8041901	PERFORMANCE MONITORING DEVICE AND METHOD THEREOF
<u>81830831</u>	NC45154TH-US01	06 Mar 2007	11/682867	7941499	INTERPROCESSOR MESSAGE TRANSMISSION VIA COHERENCY-BASED INTERCONNECT
<u>81846563</u>	TS10007JC-US02	21 Mar 2007	11/689504	7414384	SERIES REGULATOR CIRCUIT
<u>81828539</u>	MT10430ZP-US01	22 Mar 2007	11/689722	US7888756	MRAM TUNNEL BARRIER STRUCTURE AND METHODS
<u>81847353</u>	WM41364ZC-US01	26 Mar 2007	11/691301	7693191	SYSTEM AND METHOD FOR RECEIVING A MULTIPLE FORMAT WIRELESS SIGNAL

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<u>81847618</u>	WM41393ZC-US01	26 Mar 2007	11/691349	7869409	SYSTEM AND METHOD FOR TRANSMITTING A MULTIPLE FORMAT WIRELESS SIGNAL
<u>81847660</u>	WM41490TS-US01	27 Mar 2007	11/691911	8204129	SIMPLIFIED DEBLOCK FILTERING FOR REDUCED MEMORY ACCESS AND COMPUTATIONAL COMPLEXITY
<u>81843555</u>	SC14608TH-US02	29 Mar 2007	11/693705	7680229	METHOD OF DETERMINING A SYNCHRONOUS PHASE
<u>81846330</u>	SIG000271-US02	06 Feb 2007	11/703068		IMAGE PROCESSOR AND METHOD OF IMAGE ROTATION
<u>81847468</u>	WM41243UH-US01	28 Feb 2007	11/711704	7949073	DUAL-MODE SYSTEM AND METHOD FOR RECEIVING WIRELESS SIGNALS
<u>81847469</u>	WM41244US-US01	28 Feb 2007	11/711705	7680090	SYSTEM AND METHOD FOR MONITORING NETWORK TRAFFIC

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<u>81841408</u>	SC13495TC-US02	01 Nov 2004	11/712682	7840191	BALUNS FOR MULTIPLE BAND OPERATION
<u>81828439</u>	MT10345TP-US01	07 Mar 2007	11/716058	7678665	DEEP STI TRENCH AND SOI UNDERCUT ENABLING STI OXIDE STRSSOR
<u>81846155</u>	SIG000203-US02	23 Sep 2005	11/717350	7420866	METHOD AND SYSTEM OF OPERATING MODE DETECTION
<u>81842378</u>	SC13681EI-US02	30 Nov 2004	11/720129	8018247	APPARATUS FOR REDUCING POWER CONSUMPTION USING SELECTIVE POWER GATING
<u>81842580</u>	SC13803EI-US03	13 Dec 2004	11/721651	8020067	APPARATUS AND METHOD FOR DETECTING AN END POINT OF AN INFORMATION FRAME
<u>81841937</u>	SC13469EC-US02	15 Dec 2004	11/721656	7840189	FREQUENCY GENERATION IN A WIRELESS COMMUNICATION UNIT
<u>81841397</u>	SC13319EC-US03	23 Dec 2004	11/722293	7991367	WIRELESS COMMUNICATION UNIT AND POWER CONTROL SYSTEM THEREOF

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<u>81842663</u>	SC13846EC-US03	23 Dec 2004	11/722296	8014737	POWER CONTROL SYSTEM FOR A WIRELESS COMMUNICATION UNIT
<u>81145229</u>	NL041381US1		11/722557	US8363714	QUALITY OF SERVICE (BANDWIDTH) BY PREPARING AND MODIFYING A
<u>81847672</u>	WM41517TS-US01	19 Mar 2007	11/725422	US8724556	UPLINK CONTROL CHANNEL ALLOCATION
<u>81847671</u>	WM41516TS-US01	19 Mar 2007	11/725423	9295003	RESOURCE ALLOCATION IN A COMMUNICATION SYSTEM
<u>81847309</u>	WM10196TH-US01	21 Mar 2007	11/726318	7852915	ADAPTIVE EQUALIZER FOR COMMUNICATION CHANNELS
<u>81846345</u>	SIG000287-US01	23 Mar 2007	11/726943	7778074	SYSTEM AND METHOD TO CONTROL ONE TIME PROGRAMMABLE MEMORY
<u>81846341</u>	SIG000283-US01	23 Mar 2007	11/728263	7991356	WIRELESS HANDSET AND WIRELESS HEADSET WITH WIRELESS TRANSCEIVER

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<u>81847475</u>	WM41253UH-US01	30 Mar 2007	11/730258	8036312	SYSTEM AND METHOD FOR DETERMINING SIGNAL PHASE
<u>81846459</u>	SIGRIO357-US02	29 Jul 2002	11/732737		AUTOMATED PLAYLIST GENERATION
<u>81339661</u>	81339658US02	10 Apr 2007	11/733735		Chopped Intermediate Frequency Wireless Receiver
<u>81828483</u>	MT10391ZP-US01	18 Apr 2007	11/736960	US7605437	SPIN-TRANSFER MRAM STRUCTURE AND METHODS
<u>81842886</u>	SC13955TC-US04	24 Jun 2005	11/737506		ANTIFUSE CIRCUIT
<u>81843591</u>	SC14717IC-US02	23 Apr 2007	11/738531	7725750	METHOD OF TRANSITIONING BETWEEN ACTIVE MODE AND POWER-DOWN MODE IN PROCESSOR BASED SYSTEM
<u>81828403</u>	MT10325ZP-US01	24 Apr 2007	11/739625	US7829980	MAGNETORESISTIVE DEVICE AND METHOD OF PACKAGING SAME

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<u>81828613</u>	MT10513ZP-US01	25 Apr 2007	11/740066	US7683445	ENHANCED PERMEABILITY DEVICE STRUCTURES AND METHOD
<u>81841826</u>	SC13364TP-US02	29 Oct 2004	11/742955	7781840	SEMICONDUCTOR DEVICE STRUCTURE
<u>81841096</u>	SC12953TH-US02	21 Jul 2004	11/743157		MULTI-RATE VITERBI DECODER
<u>81846661</u>	TS48181ZC-US01	11 May 2007	11/747414	7518352	BOOTSTRAP CLAMPING CIRCUIT FOR DC/DC REGULATORS AND METHOD THEREOF
<u>81842671</u>	SC13855TP-US04	06 Apr 2005	11/754728	7718485	INTERLAYER DIELECTRIC UNDER STRESS FOR AN INTEGRATED CIRCUIT

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<u>81828395</u>	MT10311ZP-US01	30 May 2007	11/755498		MAGNETOELECTRONIC DEVICE HAVING ENHANCED PERMEABILITY DIELECTRIC AND METHOD OF MANUFACTURE
<u>81828642</u>	MT10544ZK-US01	19 Jun 2007	11/765170	7648858	METHODS AND APPARATUS FOR EMI SHIELDING IN MULTI-CHIP MODULES
<u>81828723</u>	MT10640ZP-US01	22 Jun 2007	11/767413		METHOD OF MAKING CONTACT POSTS FOR A MICROELECTROMECHANICAL DEVICE
<u>81848041</u>	SC10900TS-US03	20 Sep 1999	11/769376	7774584	DISCRETE MULTI-TONE (DMT) SYSTEM AND METHOD THAT COMMUNICATES A DATA PUMP DATA STREAM BETWEEN A GENERAL PURPOSE CPU AND A DSP VIA A BUFFERING SCHEME
<u>81847465</u>	WM41241TC-US02	09 Jul 2007	11/774690	8120660	IMAGE DATA UP SAMPLING

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<u>81847479</u>	WM41264TC-US01	18 Jul 2007	11/779499	8015470	APPARATUS AND METHOD FOR DECODING BURSTS OF CODED INFORMATION
<u>81850208</u>	SIG000096-US02	27 Jun 2003	11/796380	7566993	BATTERY OPTIMIZED CIRCUIT AND SYSTEM ON A CHIP
<u>81144852</u>	NL050025US1		11/813862	8081523	MEMORY REF.LEVEL CALC.: USE AVERAGE, IGNORE EXTREME VALUES
<u>81340323</u>	NL050021US1	10 Jan 2006	11/813863		4D-CONTROL OF IC STATE; VCC, F, VBIAS AND PIPELINE DEPTH
<u>81145115</u>	CN050009US1		11/813865		A METHOD OF SLIDING WINDOW CHANNEL ESTIMATION IN TD-SCDMA SY
<u>81145206</u>	CN050008US1		11/813993		QUADRATURE SUB-SAMPLING FOR LOW-IF RECEIVER
<u>81144955</u>	NL050019US1		11/814163	US7898359	Modular switching arrangement

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<u>81145188</u>	US050019US2		11/814280	US7804835	IMPROVED IP DATAGRAM DE-ENCAPSULATION.
<u>81144677</u>	GB050013US1		11/814563		TERMINATION OF HYSTERESIS PERIODS FOR GRANTED TRANSMISSION..
<u>81144459</u>	NL050061US1		11/814674	7791937	HMROM DATA READ OUT SCHEME
<u>81144444</u>	NL050072US1		11/814801		MULTI-THREADED PROCESSOR
<u>81144898</u>	NL050068US1		11/815100	7741182	METHOD OF FABRICATING A FINFET
<u>81841683</u>	SC13293ET-US03	31 Jan 2005	11/815177	8000821	AUDIO COMMUNICATION UNIT AND INTEGRATED CIRCUIT
<u>81841529</u>	SC13284EI-US03	31 Jan 2005	11/815189	7620760	NON-HIGH IMPEDENCE DEVICE AND METHOD FOR REDUCING ENERGY CONSUMPTION

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<u>81145199</u>	CN050018US1		11/815206	US7903768	A METHOD AND APPARATUS FOR IMPLEMENTING MATCHED FILTERS IN SYSTEM
<u>81145247</u>	CN050017US1		11/815207	US8958459	A METHOD AND APPARATUS FOR DESPREAD DATA IN THE TD-SCDMA SYSTEM
<u>81144949</u>	NL050123US1		11/815764	US7657709	DATAPROCESSING SYSTEM AND METHOD OF CACHE REPLACEMENT
<u>81145076</u>	NL050106US1		11/815965	US7812675	RECEIVER
<u>81145073</u>	NL050107US1		11/815966	US7746176	RECEIVER
<u>81145306</u>	001609US1		11/816100		Estimation of error rates on unknown data bits
<u>81145310</u>	GB050023US1		11/816162	8410787	CLOCK DOMAIN CROSSING TESTPOINT
<u>81343830</u>	US050060US2	24 Feb 2006	11/816710	7733142	EDGE RATE CONTROL FOR I2C BUS APPLICATIONS

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<u>81340468</u>	NL050173US1	15 Feb 2006	11/817019	7671474	AN IC DEVICE PACKAGE WITH IMPROVED BOND PAD CONNECTIONS
<u>81339751</u>	NL050189US1	21 Feb 2006	11/817323	7961721	ROUTER: DIVERSE SCHEDULING OF MULTIPLE INPUT QUEUES
<u>81343424</u>	NL050170US1	27 Feb 2006	11/817706	7838965	ESD Protected Integrated Capacitor with Large Capacity
<u>81340427</u>	NL050209US1	01 Mar 2006	11/817791	US8160091	COURSE SYNCHRONIZATION
<u>81830824</u>	NC45148TH- US01	02 Aug 2007	11/832797	7827360	CACHE LOCKING DEVICE AND METHODS THEREOF

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<u>81846662</u>	TS48182ZP-US01	03 Aug 2007	11/833476	7578190	SYMMETRICAL DIFFERENTIAL CAPACITIVE SENSOR AND METHOD OF MAKING SAME
<u>81842692</u>	SC13867TP-US02	14 Nov 2005	11/836844	7821067	ELECTRONIC DEVICES INCLUDING A SEMICONDUCTOR LAYER AND A PROCESS FOR FORMING THE SAME
<u>81847241</u>	WM10005AC-US02	13 Aug 2007	11/838209	7725638	APPLICATION PROCESSOR CIRCUIT INCORPORATING BOTH SD HOST AND SLAVE FUNCTIONS AND ELECTRONIC DEVICE INCLUDING SAME

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<u>81828610</u>	MT10510ZP-US01	15 Aug 2007	11/839044		METHODS AND APPARATUS FOR A SYNTHETIC ANTI-FERROMAGNET STRUCTURE WITH IMPROVED THERMAL STABILITY
<u>81847291</u>	WM10061ZC-US01	20 Aug 2007	11/841497	7489202	RF AMPLIFIER WITH STACKED TRANSISTORS, TRANSMITTING DEVICE, AND METHOD THEREFOR
<u>81843367</u>	SC14281ZK-US02	03 Jan 2006	11/842776	7437951	FLOWMETER AND METHOD FOR THE MAKING THEREOF
<u>81847934</u>	WM41528ZC-US01	25 Aug 2007	11/845035	7579908	DIGITAL AUDIO AMPLIFIERS, ELECTRONIC SYSTEMS, AND METHODS
<u>81828565</u>	MT10449ZK-US01	29 Aug 2007	11/846671	7595226	METHOD OF PACKAGING AN INTEGRATED CIRCUIT DIE

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<u>81828775</u>	MT10679ZP-US01	30 Aug 2007	11/848053		METHODS AND STRUCTURES FOR AN INTEGRATED TWO-AXIS MAGNETIC FIELD SENSOR
<u>81842703</u>	SC13879TC-US04	07 Dec 2005	11/848070		MRAM WITH A WRITE DRIVER AND METHOD THEREFOR
<u>81830845</u>	NC45172ZH-US01	07 Sep 2007	11/851778	7975307	SECURING PROPRIETARY FUNCTIONS FROM SCAN ACCESS
<u>81827076</u>	FS10038JC-US03	13 Sep 2007	11/854546	7786713	SERIES REGULATOR CIRCUIT WITH HIGH CURRENT MODE ACTIVATING PARALLEL CHARGING PATH
<u>81842705</u>	SC13884IC-US03	17 Jul 2006	11/855153	7525353	BROWN OUT DETECTOR
<u>81842893</u>	SC13963ZK-US02	31 May 2005	11/856239	7683465	INTEGRATED CIRCUIT INCLUDING CLIP

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PATENT
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<u>81847640</u>	WM41480TS-US01	27 Sep 2007	11/863135	7872974	SYSTEM AND METHOD FOR HANDLING OR AVOIDING DISRUPTIONS IN WIRELESS COMMUNICATION
<u>81828733</u>	MT10651ZP-US01	28 Sep 2007	11/864409	US8119424	ELECTRONIC DEVICE INCLUDING A MAGNETO-RESISTIVE MEMORY DEVICE AND A PROCESS FOR FORMING THE ELECTRONIC DEVICE
<u>81847747</u>	WM41604ZH-US01	28 Sep 2007	11/864519	7805116	GAIN CONTROL METHODS FOR WIRELESS DEVICES AND TRANSMITTERS
<u>81830694</u>	NC10043AC-US02	03 Oct 2007	11/866965	7657854	METHOD AND SYSTEM FOR DESIGNING TEST CIRCUIT IN A SYSTEM ON CHIP
<u>81827066</u>	FS10024JC-US02	04 Oct 2007	11/867006	7382158	LEVEL SHIFTER CIRCUIT

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PATENT
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<u>81841944</u>	SC13481ZP-US02	24 Feb 2005	11/867189		LOW POWER MAGNETOELECTRONIC DEVICE STRUCTURES UTILIZING ENHANCED PERMEABILITY MATERIALS
<u>81830863</u>	NC45192TH-US01	12 Oct 2007	11/871626	8117618	FORWARD PROGRESS MECHANISM FOR A MULTITHREADED PROCESSOR
<u>81847569</u>	WM41337TH-US01	23 Aug 2007	11/895078	7907685	GMSK-RECEIVER WITH INTERFERENCE CANCELLATION
<u>81847570</u>	WM41338TS-US01	23 Aug 2007	11/895098	7936813	DIVERSITY GMSK-RECEIVER WITH INTERFERENCE CANCELLATION AND METHODS THEREIN
<u>81847460</u>	WM10229TC-US01	23 Aug 2007	11/895147	7912119	PER-SURVIVOR BASED ADAPTIVE EQUALIZER
<u>81847481</u>	WM41269UH-US01	30 Aug 2007	11/896184	8036260	SYSTEM AND METHOD FOR EQUALIZING AN INCOMING SIGNAL

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PATENT
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<u>81850085</u>	SC11715ZP-US08	10 Mar 2004	11/899218	7535079	SEMICONDUCTOR DEVICE COMPRISING PASSIVE COMPONENTS
<u>81343440</u>	FR050030US1	01 Mar 2006	11/908111	US8183941	RF SYNTHESIZER.
<u>81343341</u>	FR050031US1	03 Mar 2006	11/908280	8280329	RECEIVER HAVING A GAIN- CONTROLLABLE INPUT AMPLIFIER.
<u>81340689</u>	AT050023US1	01 Mar 2006	11/908288	7644801	LOUDSPEAKER WITH COMPOUND MEMBRANE FOR USE IN SMALL VOLUME
<u>81842350</u>	SC13640CF-US03	31 Mar 2005	11/910054	7994069	SEMICONDUCTOR WAFER WITH LOW-K DIELECTRIC LAYER AND PROCESS FOR FABRICATION THEREFOR
<u>81843146</u>	SC14096EC-US03	30 Mar 2005	11/910067	8175548	METHOD AND DEVICE FOR TRANSMITTING A SEQUENCE OF TRANSMISSION BURSTS

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PATENT
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<u>81341145</u>	FR050036US	21 Mar 2006	11/910449	US7692280	SEMICONDUCTOR PACKAGE EMBEDDED WITH CONNECTORS
<u>81342730</u>	000121US1	04 Apr 2006	11/910975		Geregelte symmetrische Anspeisung einer Loop Antenne
<u>81842376</u>	SC13676ET- US03	13 Apr 2005	11/911324	7680622	PROTECTION OF AN INTEGRATED CIRCUIT AND METHOD THEREFORE
<u>81344694</u>	000372US	12 Apr 2006	11/911699	8035362	A fast and power-efficient supply modulator for RF power amplifiers in 2.5G / 3G/4G telecom systems.
<u>81344731</u>	000373US	12 Apr 2006	11/911702		Ripple suppression filter in a hybrid supply modulator.
<u>81145400</u>	000266US1		11/911732	8552734	On-chip testing of power supply voltage in multiple power domain SoCs

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PATENT
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<u>81343512</u>	000322US1	13 Apr 2006	11/911864	7570110	Arrangement for demodulation of a IF-sideband signal
<u>81842662</u>	SC13845TP- US03	21 Apr 2005	11/911931	7820538	METHOD OF FABRICATING A MOS DEVICE WITH NON-SIO2 GATE DIELECTRIC
<u>81344119</u>	000233US1	20 Apr 2006	11/912525	7538570	Voltage monitor for SIST
<u>81344976</u>	000715US1	26 Apr 2006	11/912837		BI-BAND ANTENNA.
<u>81344149</u>	000047US1	26 Apr 2006	11/912843	US8178901	IO and Decoupling optimisation in Large integrated circuits with high pin count
<u>81145405</u>	000740US1		11/912971		Cellular plus DVB diversity in a mobile terminal
<u>81348066</u>	000688US1	24 Apr 2006	11/913049	7605027	Base and collector formation using two trenches

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PATENT
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<u>81347019</u>	000767US2	01 May 2006	11/913057	7606956	I2C Slave Device with Programmable Write-Transaction Cycles
<u>81347031</u>	000769US2	01 May 2006	11/913061	7761637	Generation of Interrupt in I2C Slaves Due to Latched Inputs
<u>81347043</u>	000770US2	01 May 2006	11/913063	7747802	Simultaneous Control of Multiple I/O Banks in an I2C Slave Device
<u>81347055</u>	000771US2	01 May 2006	11/913064	7774528	Device Identification Coding of Inter-Integrated Circuit Slave Devices
<u>81347067</u>	000772US2	01 May 2006	11/913065	7711867	Programming Parallel I2C Slaves from a Single I2C Data Stream

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<u>81347079</u>	000773US2	01 May 2006	11/913067	7562172	I2C Slave/Master Interface Enhancement Using State Machines
<u>81347094</u>	000774US2	01 May 2006	11/913069	7788431	Dynamic I2C Slave Address Decoder
<u>81346325</u>	000782US1	25 Apr 2006	11/913211	7940874	Receiver with adaptive strobe offset adjustment
<u>81144412</u>	000101US1		11/913285	US8238074	Capacitive RF MEMS switch with integrated decoupling capacitor
<u>81348337</u>	000315US1	27 Apr 2006	11/913585	7804165	Planar System-in-Package Integrated Compass Module
<u>81347819</u>	000312US1	28 Apr 2006	11/913594	8299819	A Peak Or Zero Current Comparator With Short Settling Time For Use In DC-DC Converters
<u>81342811</u>	000846US3	03 May 2006	11/913662	8050349	Individually Interleaved Alamouti Coding (I2AC) with Spatial Rotation

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<u>81348207</u>	000736US1	03 May 2006	11/914230		Intelligent flow control for best effort traffic in the presence of isoc traffic for power reduction
<u>81348246</u>	000759US1	22 May 2006	11/914648	7859076	Edge termination with increased stability against design variations and surface charge
<u>81346560</u>	000876US1	25 Apr 2006	11/914741	US8072010	Compliance definition and stress release structures for membranes
<u>81347383</u>	000442US1	17 May 2006	11/915285	7907610	Changing paths of existing connections and channels in networks on chip
<u>81347526</u>	000125US1	08 May 2006	11/915401		video delay compensation
<u>81347542</u>	000057US1	24 May 2006	11/915452	US7882374	Long Onkey debounce time management
<u>81348653</u>	000489US1	11 May 2006	11/915464	7948014	bias circuit with reduced parameter spread

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<u>81347449</u>	000410US1	16 May 2006	11/915473	US8045986	High speed cell search function
<u>81347789</u>	000479US1	11 May 2006	11/915497	US7809024	Nested Slot Tables
<u>81346602</u>	000981US1	19 May 2006	11/915543	7866439	Variable crease parameters to achieve continuous compliance
<u>81144919</u>	001184US1		11/915702	8058768	Interdigital BAW filter employing lateral acoustic coupling of thin-film BAW resonators
<u>81144922</u>	000045US1		11/915812	7750866	Diversity intended for small device compared to the wavelength.
<u>81348243</u>	001084US1	23 May 2006	11/915818		MEMS switched antenna with 50 ohm matching and reduced user interaction

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<u>81345768</u>	000054US1	30 May 2006	11/916192		Multiple Pass Decoding for Interlaced MPEG-4 ASP Decoding with MPEG-4 SP capabilities
<u>81348519</u>	001267US1	31 May 2006	11/916328		Combinable schedules
<u>81342839</u>	001368US3	23 Jun 2006	11/916513	7949067	Tone Interleaved and Individual Stream Interleaved OFDM System
<u>81144448</u>	000484US1		11/917018	8037254	Intelligent Write-Back and Pre-Fetch Streaming Buffer Management for Low Latency DRAMs
<u>81144451</u>	000486US1		11/917020	8065493	Use of PCI-Express Flow Control buffers for buffering of SDRAM burst read/write accesses
<u>81348372</u>	002239US1	12 Jun 2006	11/917038		Distributed frame synchronization for networks with different link speeds

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<u>81347750</u>	006259US1		11/917043	US8345809	Simple Doppler Mitigation for DVB-T by using subcarrier-dependent ICI power estimation
<u>81349432</u>	000673US1	14 Jun 2006	11/917046		Sound Panel Concepts
<u>81350248</u>	001288US1	13 Jun 2006	11/917103	7790545	Solution for amorphized poly gate
<u>81348858</u>	001547US2	21 Jun 2006	11/917106	8117525	Parallel Data Integrity Checking in PCI Express Devices
<u>81349477</u>	001371US2	23 Jun 2006	11/917613		Warpage-Preventing Substrate and Method of Making Same
<u>81349490</u>	001695US2	23 Jun 2006	11/917624	8543746	Self-Synchronizing Data Streaming Between Address-Based Producer and Consumer Circuits
<u>81847629</u>	WM41433ZC-US01	29 Oct 2007	11/927241	7929927	ADAPTIVE PRE-DISTORTION WITH INTERFERENCE DETECTION AND MITIGATION

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PATENT
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<u>81828611</u>	MT10511ZP-US01	13 Nov 2007	11/938816		METHODS AND STRUCTURES FOR EXCHANGE-COUPLED MAGNETIC MULTI-LAYER STRUCTURE WITH IMPROVED OPERATING TEMPERATURE BEHAVIOR
<u>81842022</u>	SC13555TP-US06	26 Jan 2005	11/955009	7781831	SEMICONDUCTOR DEVICE HAVING NITRIDATED OXIDE LAYER AND METHOD THEREFOR
<u>81846863</u>	TS48230ZC-US01	18 Dec 2007	11/959250	7707339	DATA ARBITRATION ON A BUS TO DETERMINE AN EXTREME VALUE
<u>81828881</u>	MT10750ZK-US02	13 Sep 2007	11/961827	7651889	ELECTROMAGNETIC SHIELD FORMATION FOR INTEGRATED CIRCUIT DIE PACKAGE
<u>81841867</u>	SC13381TP-US02	12 Nov 2004	11/964309	8373221	NANOCLUSTER CHARGE STORAGE DEVICE

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PATENT
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<u>81828875</u>	MT10742ZK-US01	04 Jan 2008	11/969604	7741194	REMOVABLE LAYER MANUFACTURING METHOD
<u>81848400</u>	WM41659ZH-US01	08 Jan 2008	11/970887	7835435	TECHNIQUES FOR COMPRESSING DIFFERENTIAL SAMPLES OF BANDWIDTH-LIMITED DATA TO REDUCE BANDWIDTH AND POWER CONSUMPTION BY AN INTERFACE
<u>81843604</u>	SC14745ZC-US02	15 Jun 2006	11/979089	7443325	SIGMA-DELTA MODULATOR
<u>81144964</u>	001596US1		11/993625		FREQUENCY CONVERSION FOR AFC
<u>81346443</u>	001735US1	14 Jun 2006	11/993650		Rectangular membrane with special edges
<u>81349542</u>	001802US2	30 Jun 2006	11/994245		Simplified Multiphase Frequency Divider By An Even Number
<u>81842424</u>	SC13741ET-US02	30 Jun 2005	11/994258	7586374	WIRELESS COMMUNICATION UNIT, INTEGRATED CIRCUIT AND BIASING CIRCUIT THEREFOR

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<u>81843313</u>	SC14195EI-US02	30 Jun 2005	11/994273	7930444	DEVICE AND METHOD FOR CONTROLLING MULTIPLE DMA TASKS
<u>81843314</u>	SC14196EI-US02	30 Jun 2005	11/994276	8001430	DEVICE AND METHOD FOR CONTROLLING AN EXECUTION OF A DMA TASK
<u>81351482</u>	000811US1	28 Jun 2006	11/994289	8140797	high speed memory protection architecture
<u>81843322</u>	SC14203EC-US03	04 Jul 2005	11/994766	8094755	RAMPING IN MULTIMODE TRANSMITTERS USING PRIMED FILTERS
<u>81352421</u>	000038US1	03 Jul 2006	11/994783	US7821342	Linear CMOS IF amplifier and automatic gain control circuit
<u>81351502</u>	001766US1	10 Jul 2006	11/995087	7989879	Local thick thermal-oxide to reduce hot carrier degradation in GEN5 LDMOST.

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PATENT
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<u>81352437</u>	002023US3	14 Jul 2006	11/995091	US8225112	Historical load profile statistical analysis for reduced /low power consumption in multimedia apps
<u>81346791</u>	000751US1	13 Jul 2006	11/995373		Loudspeaker headphone adapter
<u>81351291</u>	000683US1	13 Jul 2006	11/995601	US8085651	Filtering after folding
<u>81351539</u>	002593US1	10 Jul 2006	11/995984	US8279943	Reduced acquisition time for DVB-H burst reception
<u>81352664</u>	000680US1	20 Jul 2006	11/995987	8463227	DC offset compensation in direct conversion TV front-end architecture by means of two extra mixers.
<u>81352720</u>	000682US1	26 Jul 2006	11/996299	8189117	DC offset compensation in direct conversion TV front-end architecture by sensing the VCO tuning
<u>81352745</u>	001110US1	26 Jul 2006	11/996300		Alternative FIR structure
<u>81353011</u>	002086US3	21 Jul 2006	11/996312	7899955	Asynchronous Data Buffer

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PATENT
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<u>81353059</u>	002081US2	24 Jul 2006	11/996322	8153480	Air Cavity Package for Flip-Chip
<u>81145022</u>	001408US1		11/996329	7970362	Sensing and Correction of Differential Path Delay in Transmitters using Envelope Modulation
<u>81351656</u>	002598US1	12 Jul 2006	11/996470	US8451758	Quasi concurrent operation of DVB-H and WLAN on a combo DVB-H/WLAN device
<u>81356582</u>	002250US1	18 Jul 2006	11/996714	US8159203	Switching Estimator for current estimation in DC DC converter
<u>81351804</u>	000053US1	01 Aug 2006	11/997214	US8689338	Secure storage in a write once ROM
<u>81354027</u>	001217US1	31 Jul 2006	11/997218	7515014	Concept for distribution of cable termination resistors in high- speed communication networks
<u>81848776</u>	XSI094-US09	29 Apr 2004	12/000464	7937064	WIRELESS TRANSCEIVER AND METHOD OF OPERATING THE SAME

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PATENT
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<u>81847567</u>	WM41329TC-US01	21 Dec 2007	12/004617	7667492	INPUT BUFFER
<u>81848862</u>	XSI120-US03	28 Feb 2005	12/010898	7644200	METHOD OF REPEATING DATA TRANSMISSION BETWEEN NETWORK DEVICES
<u>81847662</u>	WM41495ZC-US01	11 Jan 2008	12/013149	7598805	LOAD INSENSITIVE BALANCED POWER AMPLIFIER AND RELATED OPERATING METHOD
<u>81846297</u>	SIG000250-US02	18 Jan 2008	12/016577	8055982	ERROR CORRECTION SYSTEM AND METHOD
<u>81357720</u>	NL010895US2	25 Nov 2002	12/018089	7823369	DEVICE FOR PACKAGING AN ELECTRONIC COMPONENT
<u>81846650</u>	TS48162TC-US01	05 Feb 2008	12/026205	7589658	ANALOG-TO-DIGITAL CONVERTER WITH VARIABLE GAIN AND METHOD THEREOF
<u>81848220</u>	WM41710ZC-US01	08 Feb 2008	12/028720	8010074	MIXER CIRCUITS FOR SECOND ORDER INTERCEPT POINT CALIBRATION

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PATENT
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<u>81825313</u>	CP41781TH-US01	11 Feb 2008	12/028897	US8509160	METHOD FOR EFFICIENT CQI FEEDBACK
<u>81829043</u>	MT10900ZP-US01	21 Feb 2008	12/035011	US8216703	MAGNETIC TUNNEL JUNCTION DEVICE
<u>81827082</u>	FS10062JC-US02	26 Feb 2008	12/037094	7612588	POWER ON DETECTION CIRCUIT
<u>81842827</u>	SC13927TP-US02	08 Aug 2005	12/037147	7608893	MULTI-CHANNEL TRANSISTOR STRUCTURE AND METHOD OF MAKING THEREOF
<u>81829038</u>	MT10898ZP-US01	29 Feb 2008	12/040737	7829366	MICROELECTROMECHANICAL SYSTEMS COMPONENT AND METHOD OF MAKING SAME
<u>81829022</u>	MT10879TS-US01	14 Mar 2008	12/048683	7742340	READ REFERENCE TECHNIQUE WITH CURRENT DEGRADATION PROTECTION
<u>81847254</u>	WM10045ZC-US01	19 Mar 2008	12/051450	7701285	POWER AMPLIFIERS HAVING IMPROVED STARTUP LINEARIZATION AND RELATED OPERATING METHODS

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PATENT
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<u>81846712</u>	TS48191ZC-US01	31 Mar 2008	12/059906	7688113	CURRENT DRIVER SUITABLE FOR USE IN A SHARED BUS ENVIRONMENT
<u>81356426</u>	001111US1	07 Aug 2006	12/063460		A multi purpose charge and play architecture
<u>81356438</u>	001112US1	17 Jul 2006	12/063465		A very high speed unidirectional current slope limiter
<u>81356414</u>	002316US1	10 Aug 2006	12/063675	8201251	Preventing a MIDlet to mislead the end user when dealing with protected JAVA APIs
<u>81354856</u>	000066US1	10 Aug 2006	12/063677	8134603	Low-cost rotational jitter correction system for video
<u>81355564</u>	001157US1	10 Aug 2006	12/063854	US8983175	Depth Extraction from a 2D Encoded Video Bitstream
<u>81354931</u>	000984US1	07 Aug 2006	12/063855		Method and apparatus for video encoding/decoding
<u>81356486</u>	001598US1	04 Aug 2006	12/064166		DC-DC Switching Converter with an One-Cycle Controller

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PATENT
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<u>81353857</u>	002549US2	22 Aug 2006	12/064381	8176281	Controlling Embedded Memory Access
<u>81356498</u>	001599US1	03 Aug 2006	12/064382		Switched-Mode Power Supply with Stable Power Efficiency and Confined Harmonic Interferences
<u>81358135</u>	005790US1	24 Aug 2006	12/065933		Miniaturised micromechanical components fabricated using foil technology
<u>81357005</u>	000602US2	11 Sep 2006	12/066113	8099614	Power Management for Buses in CMOS Circuits
<u>81359171</u>	001081US1	05 Sep 2006	12/066121	8693488	Transmit queuing for identifier-based MAC schemes
<u>81357033</u>	002674US2	19 Sep 2006	12/067071	US8707140	Method for adaptive error correction and apparatus provided with such error correction

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<u>81360638</u>	002675US2	19 Sep 2006	12/067073	US8255757	APPARATUS AND METHOD FOR ERROR CORRECTION IN MOBILE WIRELESS APPLICATIONS INCORPORATING ERASURE TABLE DATA
<u>81357018</u>	002676US2	19 Sep 2006	12/067074	US8185804	Method for extracting erasures for forward error correction in TV on mobile applications
<u>81357539</u>	001505US1	13 Sep 2006	12/067080		Methods for synchronising frame-rate preserving reformatting of video
<u>81358262</u>	001990US1	13 Sep 2006	12/067485		Master clock hand-over mechanism in an inter-IC communication bus
<u>81357574</u>	002427US1	20 Sep 2006	12/067488	US7679556	Preliminary GPS signal processing

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PATENT
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<u>81842452</u>	SC13762EK-US02	21 Sep 2005	12/067590	7686000	CONTROLLER AND METHOD FOR CONTROLLING AN IGNITION COIL
<u>81145100</u>	001160US1		12/067973	US7925286	Joint speed and frequency offset estimator for UMTS
<u>81357689</u>	002121US1	25 Sep 2006	12/067982		Test structures in scribe lane
<u>81357701</u>	002046US1	26 Sep 2006	12/067986	7791128	Asymmetric Dual Gate Flash Cell
<u>81357713</u>	002047US1	26 Sep 2006	12/067992	8063427	Fin Flash Cell with double channel
<u>81357938</u>	000814US1	25 Sep 2006	12/068000		Time reduction of initial cell search in WB-CDMA (3G)
<u>81848613</u>	XSI032-US03	13 Dec 2002	12/068676	7616676	METHOD AND SYSTEM FOR PERFORMING DISTANCE MEASURING AND DIRECTION FINDING USING ULTRA WIDE BANDWIDTH TRANSMISSIONS

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PATENT
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<u>81361939</u>	002618US2	28 Sep 2006	12/088713	7825526	Fine-Pitch Routing in a Lead Frame Based System-in- Package (SIP) Device
<u>81357983</u>	002103US1	28 Sep 2006	12/088721	8008993	Low-loss BAW filter by frequency-shifted radiation band
<u>81358038</u>	000937US1	21 Sep 2006	12/088722	7750745	Piezo-resistive MEMS oscillator
<u>81358014</u>	001055US1	22 Sep 2006	12/088724	8120003	Nanowire Magnetic-Random- Access-Memory
<u>81357969</u>	001512US1	21 Sep 2006	12/088727	8203574	Parallel Softclipping; A Way of Dynamic Softclipping with the use of a Static Implementation
<u>81362690</u>	001329US1	29 Sep 2006	12/089247		Storing teletext pages in a FLASH memory
<u>81359890</u>	001517US1	10 Oct 2006	12/090004	US8027143	Fast driving of a MEMS tunable capacitor

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PATENT
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<u>81349950</u>	003569US1	16 Oct 2006	12/090012	7926719	Automatic antenna trimming for RFID basestations
<u>81145103</u>	002128US1		12/090018	US8310944	Low complexity un-biased SINR estimator for low number of pilots
<u>81360045</u>	002166US1	10 Oct 2006	12/090028		Encryption of executable images for fast decryption and relocation.
<u>81843521</u>	SC14530EI- US04	12 Oct 2005	12/090044	8209558	SYSTEM AND METHOD FOR CONTROLLING VOLTAGE AND FREQUENCY IN A MULTIPLE VOLTAGE ENVIRONMENT
<u>81843608</u>	SC14751EI- US03	14 Oct 2005	12/090116	7707335	DEVICE AND METHOD FOR MANAGING A RETRANSMIT OPERATION
<u>81361145</u>	003728US2	18 Oct 2006	12/090686	7709954	Redistribution Layer for Wafer Level Chip Scale Package and Method Therefor

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PATENT
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<u>81358867</u>	001999US2	18 Oct 2006	12/090689	7975093	Cache with High Access Store Bandwidth
<u>81358199</u>	001816US1	18 Oct 2006	12/090727	US7755444	Generic Analogue Polar Modulator Architecture An FM modulator
<u>81360231</u>	002001US2	20 Oct 2006	12/090736		Low-cost Motion vector field retimer
<u>81361157</u>	001518US1	26 Sep 2006	12/090992	8176302	Advanced Reset Mechanism
<u>81359346</u>	002125US1	27 Oct 2006	12/092129		Efficient L1 memory organization for video applications
<u>81362491</u>	001925US1	03 Nov 2006	12/092607		High frequency trench capacitor
<u>81362826</u>	001923US1	02 Nov 2006	12/092608		Ultrahigh-Value and Floating Capacitors in Silicon for Decoupling and Charge Pump Applications
<u>81359427</u>	004077US1	03 Nov 2006	12/092615	US7890736	Flag registers as an optimised solution for dual core synchronization

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<u>81349237</u>	002523US1	06 Nov 2006	12/092629		Frequency-response optimization of vibrating plate by damping
<u>81359989</u>	001895US1	08 Nov 2006	12/092859	7728754	DLL BASED HIGH-SPEED ANALOG-TO-DIGITAL CONVERTER
<u>81345708</u>	003876US1	14 Nov 2006	12/093633		Mode engineering of correlated oscillations and wave propagation
<u>81360668</u>	002110US1	13 Nov 2006	12/093643	8069335	Power reduction method for instructions fetched in two or more parts
<u>81362311</u>	003609US1	24 Oct 2006	12/093667	8079248	A novel moisture sensor using interline leakage in porous low-k damascene structures
<u>81362666</u>	002681US1	29 Oct 2006	12/093694		TFT LCD DRIVING TECHNIQUE WITH REDUCED POWER CONSUMPTION AND CONSTANT OFFSET

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PATENT
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<u>81361330</u>	004275US1	22 Nov 2006	12/094305	US8031746	RX clocking by NOP signalling via a self-clocking link without sending data or explicit Clock signal
<u>81345229</u>	003796US1	23 Nov 2006	12/094308	8143999	RFID-Transponder with Sensing Functionality
<u>81362939</u>	003878US1	14 Nov 2006	12/094317	US8228041	Low cost charging system with application current consumption compensation
<u>81843595</u>	SC14723EI- US02	22 Nov 2005	12/094572	8532424	METHOD AND SYSTEM FOR FILTERING IMAGE DATA
<u>81361363</u>	004351US1	28 Nov 2006	12/095158	US7822070	A zero overhead mechanism for detecting bus synchronisation
<u>81362763</u>	004367US1	02 Nov 2006	12/095159		GPS secured memory device - NB FAMILY ASSIGNED IN GREENHILL PROJECT
<u>81342824</u>	004438US2		12/095559	8340599	Swept Notch UWB Transmitter

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PATENT
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<u>81362184</u>	004439US3	30 Nov 2006	12/095575	8265180	OFDM Cognitive Radio with Zero Overhead Signalling of Deleted Subcarriers
<u>81360383</u>	002129US1	20 Oct 2006	12/096165	US8327108	Data packing processing
<u>81363469</u>	002326US1	05 Dec 2006	12/096217	US8199793	Determination of active spreading codes and their power through Fast Walsh Hadamard Transformation
<u>81363482</u>	003698US1	04 Dec 2006	12/096232		Build High-Voltage Power Switches Using Standard Low- Voltage CMOS Transistors
<u>81361732</u>	001897US1	08 Dec 2006	12/097040	7605740	Mismatch mitigation system for full-flash ADCs
<u>81367095</u>	002666US1	12 Dec 2006	12/097100		Improvement for GMSK TX spectra
<u>81362215</u>	004048US2	15 Dec 2006	12/097128		Enhanced Substrate Using Metamaterials

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<u>81362199</u>	004436US1	12 Dec 2006	12/097582	7576387	staircase shield for Idmost
<u>81843484</u>	SC14659EI- US02	16 Dec 2005	12/097598	8078845	DEVICE AND METHOD FOR PROCESSING INSTRUCTIONS BASED ON MASKED REGISTER GROUP SIZE INFORMATION
<u>81363993</u>	002813US1	07 Dec 2006	12/097620	US8035353	Battery recharge prevention principle for short battery voltage dips.
<u>81364006</u>	001862US1	08 Dec 2006	12/097638	US8619016	Colour shift compensation in LTPS displays through smart source slice selection order
<u>81364672</u>	005330US1	12 Dec 2006	12/097672	US8385398	Decision Directed Equalization for HSDPA
<u>81364063</u>	002662US1	13 Dec 2006	12/097677		Power-saving by early switch-off of Receiver Front-end

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<u>81358152</u>	002814US1	12 Dec 2006	12/097690	US8035354	Battery Full detection for Charge and Play circuits.
<u>81848471</u>	WM41733ZC-US01	21 Apr 2008	12/106601	8010077	DC OFFSET CALIBRATION IN A DIRECT CONVERSION RECEIVER
<u>81832195</u>	PF02058NA-US08	10 Nov 2000	12/107603	7639762	METHOD FOR RECEIVING AND RECOVERING FREQUENCY SHIFT KEYED SYMBOLS
<u>81843446</u>	SC14432ZP-US04	14 Dec 2005	12/109215	7602014	SUPERJUNCTION POWER MOSFET
<u>81846916</u>	TS48244TC-US01	06 May 2008	12/115825	8164378	DEVICE AND TECHNIQUE FOR TRANSISTOR WELL BIASING
<u>81848474</u>	WM41749ZC-US01	08 May 2008	12/117357	7671774	ANALOG-TO-DIGITAL CONVERTER WITH INTEGRATOR CIRCUIT FOR OVERLOAD RECOVERY

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<u>81848072</u>	WM41613ZH-US01	13 May 2008	12/119618	8000408	LOOP DELAY AND GAIN CONTROL METHODS IN CLOSED-LOOP TRANSMITTERS AND WIRELESS DEVICES
<u>81842648</u>	SC13821TP-US02	07 Jun 2005	12/122837	7799657	METHOD OF FABRICATING A SUBSTRATE FOR A PLANAR, DOUBLE GATED, TRANSISTOR PROCESS
<u>81365776</u>	DE020274US2	22 May 2008	12/125737		CIRCUIT ARRANGEMENT WITH NON-VOLATILE MEMORY MODULE AND METHOD OF EN- /DECRYPTING DATA IN THE NON-VOLATILE MEMORY MODULE
<u>81847104</u>	TS48268ZP-US01	29 May 2008	12/129548	8096182	CAPACITIVE SENSOR WITH STRESS RELIEF THAT COMPENSATES FOR PACKAGE STRESS

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PATENT
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<u>81847281</u>	TS48322ZP-US01	30 May 2008	12/130702	8056415	SEMICONDUCTOR DEVICE WITH REDUCED SENSITIVITY TO PACKAGE STRESS
<u>81846048</u>	SC09069T-US10	05 Dec 1994	12/131691		MULTI-STRAND SUBSTRATE FOR BALL-GRID ARRAY ASSEMBLIES AND METHOD
<u>81848347</u>	WM41714ZC-US01	13 Jun 2008	12/138959	7795980	POWER AMPLIFIERS HAVING IMPROVED PROTECTION AGAINST AVALANCHE CURRENT
<u>81847659</u>	WM41484ZC-US01	17 Jun 2008	12/140597	7991043	HYBRID POLYPHASE AND JOINT TIME FREQUENCY DETECTION
<u>81848500</u>	XSI008-US03	10 Oct 2000	12/155948	7697630	ULTRA WIDEBAND COMMUNICATION METHOD WITH LOW NOISE PULSE FORMATION
<u>81349945</u>	002113US1	13 Dec 2006	12/158312	US8694661	Informative Messages for switched off mobile phone
<u>81364147</u>	002752US1	12 Dec 2006	12/158315	7570097	1/f Noise Cancellation Coupled Sawtooth Oscillator

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PATENT
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<u>81364371</u>	001900US1	13 Dec 2006	12/158316	8074031	Memory defragmentation unit for real-time systems
<u>81362884</u>	002886US2	21 Dec 2006	12/158995		An AV renderer peripheral with dual interrupt lines for staggered interrupts
<u>81365768</u>	004678US1	22 Dec 2006	12/158997		Flow control mechanisms on synchronous serial TDMA bus
<u>81367385</u>	006560US1	08 Sep 2006	12/159769	7898148	Improved oscillator circuit using piezo-resistive or electrostatic MEMS resonators
<u>81367415</u>	003816US2	04 Jan 2007	12/159971	7899966	Method and system for effective interrupt distribution in a symmetric multiprocessor system
<u>81847295</u>	WM10076EH-US02	05 Jan 2006	12/160005	7793021	METHOD FOR SYNCHRONIZING A TRANSMISSION OF INFORMATION AND A DEVICE HAVING SYNCHRONIZING CAPABILITIES

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<u>81843605</u>	SC14746EI-US03	04 Jan 2006	12/160007	7920596	A METHOD FOR HIGH SPEED FRAMING AND A DEVICE HAVING FRAMING CAPABILITIES
<u>81365585</u>	003930US1	04 Jan 2007	12/160210	7867864	True Local-Silicon-On-Insulator Technology for RF CMOS Transistors
<u>81365645</u>	004863US1	11 Jan 2007	12/160783	US8004430	Cost effective 8B9B coding scheme for serial data communication
<u>81366267</u>	005018US1	17 Jan 2007	12/161095	US8315151	Radio communication system - superimposed pilots for OFDM
<u>81365230</u>	004895US1	16 Jan 2007	12/161278	8069325	Unified Memory Protection Architecture
<u>81843675</u>	SC14910EI-US02	18 Jan 2006	12/161518	8296548	DEVICE AND METHOD FOR FINDING EXTREME VALUES IN A DATA BLOCK

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<u>81843504</u>	SC14802EI-US02	18 Jan 2006	12/161519	8117383	HARDWARE ACCELERATOR BASED METHOD AND DEVICE FOR STRING SEARCHING
<u>81843631</u>	SC14780EI-US02	18 Jan 2006	12/161524	8239587	DEVICE HAVING DATA SHARING CAPABILITIES AND A METHOD FOR SHARING DATA
<u>81365243</u>	003888US1	18 Jan 2007	12/161570	US8320451	A low-cost low-delay temporal trans-rater producing fully MPEG-compliant streams
<u>81369032</u>	004029US1	14 Nov 2006	12/161674	US8230289	Error recovery for isochronous data in the chip-to-chip networks adhering to the TDMA regime
<u>81366465</u>	004900US1	22 Jan 2007	12/161709	8093659	A method to integrate dual workfunction for the gate of 3D-Stacked-FinFETs.

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<u>81358184</u>	004069US1	22 Jan 2007	12/162158	US7983634	Reduction of interference between RF and BB sub-section of a mobile phone by adding extra noise
<u>81365287</u>	004980US1	25 Jan 2007	12/162175		Subsampling receiver architectures
<u>81366882</u>	004458US1	31 Jan 2007	12/162818	US8462756	Method and Apparatus for Improving the Speed of Convergence and Tracking Performance of Symbol Level
<u>81366140</u>	004013US1	31 Jan 2007	12/162825	US8350963	HDTV main video flow tap-off secondary scaler device for recording or display in SDTV resolution
<u>81827126</u>	FS40149JC-US01	10 Jul 2008	12/170451	7635998	PRE-DRIVER FOR BRIDGE CIRCUIT
<u>81369356</u>	GB020184US2	11 Jul 2008	12/171577		DUAL TIP REVERSIBLE BONDING TOOL

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<u>81369654</u>	NL020528US2	12 Jun 2003	12/173440	8063429	CONDUCTIVE SPACERS EXTENDED FLOATING GATES
<u>81848470</u>	WM41732ZC- US01	28 Jul 2008	12/180936	7957716	BASEBAND FILTERS FOR USE IN WIRELESS COMMUNICATION DEVICES
<u>81846635</u>	TS48131TS- US01	29 Jul 2008	12/181824	US8065126	GUI-FACILITATED CHANGE MANAGEMENT FOR VEHICLE ELECTRICAL/ELECTRONIC ARCHITECTURE DESIGN
<u>81832372</u>	RA48366TS- US01	29 Jul 2008	12/181828		GUI-FACILITATED SIMULATION AND VERIFICATION FOR VEHICLE ELECTRICAL/ELECTRONIC ARCHITECTURE DESIGN
<u>81832373</u>	RA48367TS- US01	29 Jul 2008	12/181832	US8060347	COMPLEXITY MANAGEMENT FOR VEHICLE ELECTRICAL/ELECTRONIC ARCHITECTURE DESIGN

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<u>81843403</u>	SC14357ZP-US08	30 Sep 2005	12/186224	7723821	MICROELECTRONIC ASSEMBLY AND METHOD FOR FORMING THE SAME
<u>81825380</u>	CP41901TS-US01	15 Aug 2008	12/192654	US8250425	MANAGEMENT OF ARQ DETECTION THRESHOLD IN COMMUNICATION NETWORKS
<u>81831048</u>	NM45391TS-US01	20 Aug 2008	12/194697	8339474	GAIN CONTROLLED THRESHOLD IN DENOISING FILTER IMAGE SIGNAL PROCESSING
<u>81825307</u>	CP41769ZC-US01	27 Aug 2008	12/199089	8135094	RECEIVER I/Q GROUP DELAY MISMATCH CORRECTION
<u>81843233</u>	SC14333TP-US04	06 Jan 2006	12/201074	7573114	ELECTRONIC DEVICE INCLUDING A GATED DIODE
<u>81842590</u>	SC13811ZK-US06	24 Oct 2005	12/204500	7701074	SEMICONDUCTOR DEVICE WITH A BUFFER REGION WITH TIGHTLY-PACKED FILLER PARTICLES

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<u>81843702</u>	SC14990ZK-US04	31 Oct 2006	12/207719	7713781	METHODS FOR FORMING QUAD FLAT NO-LEAD (QFN) PACKAGES
<u>81841347</u>	SC13201ZK-US08	30 Jun 2004	12/211556	8198705	ULTRA-THIN DIE AND METHOD OF FABRICATING SAME
<u>81842303</u>	SC13630ZK-US02	10 Dec 2004	12/212028	7969026	FLEXIBLE CARRIER FOR HIGH VOLUME ELECTRONIC PACKAGE FABRICATION
<u>81848213</u>	WM41696ZH-US01	24 Jul 2008	12/220349	7847177	DIGITAL COMPLEX TONE GENERATOR AND CORRESPONDING METHODS
<u>81829240</u>	MT11070ZK-US01	30 Sep 2008	12/242550	7763976	INTEGRATED CIRCUIT MODULE WITH INTEGRATED PASSIVE DEVICE
<u>81843033</u>	SC14040ZC-US02	17 Aug 2005	12/244214	7595666	AMPLIFIER CIRCUIT FOR DOUBLE SAMPLED ARCHITECTURES

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<u>81375418</u>	81373125US04	03 Oct 2008	12/245498	US8351368	Method, System and Apparatus for Extended Rate/Range Communication Over a Communication Network
<u>81375421</u>	81373128US04	03 Oct 2008	12/245535		Method for Efficient Packet Framing in a Communication Network
<u>81825394</u>	CP41932ZC- US01	09 Oct 2008	12/248421	8060043	ADAPTIVE IIP2 CALIBRATION
<u>81848066</u>	WM41604ZH- US02	28 Sep 2007	12/249649	8068797	GAIN CONTROL METHODS FOR WIRELESS DEVICES AND TRANSMITTERS
<u>81846163</u>	SIG000215- US02	16 Feb 2006	12/250027	7773006	SYSTEMS AND METHODS OF PARALLEL TO SERIAL CONVERSION
<u>81843692</u>	SC14946TP- US02	30 Sep 2005	12/254294	7732278	SPLIT GATE MEMORY CELL AND METHOD THEREFOR

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<u>81376503</u>	NL040160US2	22 Oct 2008	12/256334	7900171	Electronic Stream Processing Circuit with Locally Controlled Parameter Updates, and Method of Designing such a Circuit
<u>81825370</u>	CP41875ZC- US01	28 Oct 2008	12/259867	8000665	SYSTEMS AND METHODS FOR ADJUSTING HEADROOM OF A POWER AMPLIFIER
<u>81847103</u>	TS48267ZP- US01	30 Oct 2008	12/262042	8020443	TRANSDUCER WITH DECOUPLED SENSING IN MUTUALLY ORTHOGONAL DIRECTIONS
<u>81825341</u>	CP41819ZH- US01	30 Oct 2008	12/262127	7825726	DIGITAL PULSE WIDTH MODULATION FOR HALF BRIDGE AMPLIFIERS
<u>81825387</u>	CP41920ZHX- US01	31 Oct 2008	12/262943	US8249531	TRANSMIT POWER MEASUREMENT AND CONTROL METHODS AND APPARATUS

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<u>81372204</u>	81362990US01	11 Nov 2008	12/269018	7930127	OSCILLATOR PRESCALE CALIBRATION FOR HARMONIZING MULTIPLE DEVICES WITH INDEPENDENT OSCILLATORS OVER AN I2C BUS INTERFACE
<u>81378583</u>	US020246US2	28 Jun 2002	12/274266		REMOVABLE MEMORY INFORMATION MANAGEMENT.
<u>81841117</u>	SC12995TH- US08	09 Oct 2003	12/276038	7802038	COMMUNICATION STEERING FOR USE IN A MULTI-MASTER SHARED RESOURCE SYSTEM
<u>81829231</u>	MT11055ZK- US01	25 Nov 2008	12/277512	7935571	THROUGH SUBSTRATE VIAS FOR BACK-SIDE INTERCONNECTIONS ON VERY THIN SEMICONDUCTOR WAFERS
<u>81831114</u>	NM45458ZC- US01	25 Nov 2008	12/277519	8344503	3-D CIRCUITS WITH INTEGRATED PASSIVE DEVICES

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<u>81843553</u>	SC14604EK-US02	09 Feb 2006	12/278476	8181051	ELECTRONIC APPARATUS AND METHOD OF CONSERVING ENERGY
<u>81843592</u>	SC14718EI-US02	09 Feb 2006	12/278478	7949800	A METHOD FOR EXCHANGING INFORMATION WITH PHYSICAL LAYER COMPONENT REGISTERS
<u>81368227</u>	004787US1	02 Feb 2007	12/278629	7791140	Method for obtaining dual work function, independent gates for FINFET applications
<u>81368257</u>	004388US	06 Feb 2007	12/278643	US8194726	Methods and Apparatus for HSDPA Symbol Level Equalization
<u>81366896</u>	002818US1	06 Feb 2007	12/278836	7920029	F-class amplification with wide dynamic range
<u>81368384</u>	004170US1	26 Feb 2007	12/280864	US8427125	A Window Comparator With Accurate Levels For Use In DC-DC Converters
<u>81367272</u>	004238US1	05 Mar 2007	12/281983	7913110	Quick but safe tag retrieval

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<u>81367288</u>	004433US1	09 Mar 2007	12/282470	7847608	DRR Interface Timing Issue
<u>81369571</u>	003909US1	13 Mar 2007	12/293241	7659748	Method of Reverse coupling for high voltage designs using low voltage devices
<u>81369583</u>	004643US1	13 Mar 2007	12/293411		Ripple free DC converter
<u>81369645</u>	004125US1	26 Mar 2007	12/293812	7898352	RF PWM & PPM with 4 multipliers
<u>81371024</u>	005312US2	23 Mar 2007	12/294211		Electrically Enhanced Wirebond Package
<u>81846590</u>	TS10054EC-US03	08 Jan 2007	12/294799	7936200	APPARATUS AND METHOD FOR PROVIDING A CLOCK SIGNAL
<u>81371321</u>	005564US3	31 Mar 2007	12/294867	8103896	Method and System for I2C Clock Generation
<u>81842440</u>	SC13731ET-US02	31 Mar 2006	12/295462	7772925	POWER AMPLIFIER WITH PRE-DISTORTER
<u>81842635</u>	SC14060CF-US03	11 Apr 2006	12/296626	8076189	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE

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<u>81371642</u>	004469US1	11 Apr 2007	12/297022	7884289	Mems package with the functional substrate as hermetic seal.
<u>81371766</u>	005277US1	11 Apr 2007	12/297036	7800448	Integrated Doherty Amplifier
<u>81370580</u>	005652US1	29 Mar 2007	12/297500	US8406305	Reducing halo with a Bidirectionally Estimated ReTimer for vector fields
<u>81374266</u>	004961US1	19 Apr 2007	12/298267	8159018	FinFET with corner-free and cylindrical shape Fin for non-volatile memory applications
<u>81371811</u>	005278US1	24 Apr 2007	12/298735	7898338	Very high power RF device arrangement with low junction temperature.
<u>81376615</u>	004923US1	24 Apr 2007	12/299305	US8063623	Very Low Power PVT (Process, Voltage and Temperature) Analog Compensation Scheme for High Performanc

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<u>81376282</u>	005852US	30 Apr 2007	12/299325	US8283750	TRIPOD PILLAR
<u>81369393</u>	004149US1	02 Mar 2007	12/299570		Clock signals generation for quadrature subsampling
<u>81375552</u>	004978US1	16 Apr 2007	12/299637	8151319	Peer to peer authentication using master-slave communication framework
<u>81376628</u>	005850US1	02 May 2007	12/299726		NON C2 - Automatic PVT Distributed Compensation Scheme for High Performance I/Os
<u>81847285</u>	WM10065EH-US02	24 May 2006	12/300447	7984336	METHOD AND SYSTEM FOR STORING DATA FROM A PLURALITY OF PROCESSORS
<u>81375921</u>	005727US1	15 May 2007	12/301125		Prevention from rocking mode in loudspeaker applications

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<u>81376163</u>	005546US1	14 May 2007	12/301163	8134375	FEEDBACK LOOP FOR FAST RECOVERY OF CAPACITIVE MEMS SENSORS AFTER MECHANICAL OVERLOADING
<u>81376666</u>	004971US1	15 May 2007	12/301405		Mask-Free method for inductor performance improvement
<u>81374249</u>	005888US	16 May 2007	12/302171	8078830	Parallel processor array for both parallel pixel processing and parallel block processing
<u>81830671</u>	NC10023EC- US02	29 May 2006	12/302225	7787484	METHOD FOR TRANSMITTING DATA FROM MULTIPLE CLOCK DOMAINS AND A DEVICE HAVING DATA TRANSMISSION CAPABILITIES

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<u>81376745</u>	005713US1	16 May 2007	12/303770		Improvement of acoustic properties of a piezo-speaker by designing appropriate boundary conditions
<u>81830685</u>	NC10040EH-US02	13 Jun 2006	12/304187	7986697	METHOD FOR PROCESSING INFORMATION FRAGMENTS AND A DEVICE HAVING INFORMATION FRAGMENT PROCESSING CAPABILITIES
<u>81356243</u>	005507US	12 Jun 2007	12/304336	US8451900	Global Motion Estimation in the presence of Foreground Objects
<u>81376883</u>	006213US1	15 Jun 2007	12/305693	8067840	Optimal thermal design for RF power amplifier
<u>81377166</u>	005752US	15 Jun 2007	12/306243	7958644	eCompass with additional sensor axis for foldable mobile devices
<u>81377226</u>	81346438US1	26 Jun 2007	12/306583		Membranloses Mikrofon mit Hilfe von Lichtinterferenz

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<u>81378287</u>	005124US1	27 Jun 2007	12/306605		Decoding sound parameters
<u>81378690</u>	004842US1	03 Jul 2007	12/307411	US8325618	Combining multiple sniff units for efficient NOC monitoring and debugging
<u>81376046</u>	006402US1	03 Jul 2007	12/307428	7956801	Transmission of old GPS ephemeris to improve GPS receiver performance
<u>81378808</u>	006037US1	10 Jul 2007	12/307787		Address mapping for dual memory system
<u>81378520</u>	006126US	09 Jul 2007	12/307800	7919364	The Sea of Fins: design-aided method to manufacture FinFETs with separated gates
<u>81827121</u>	FS40131JC-US02	01 Dec 2008	12/325273	7764123	RAIL TO RAIL BUFFER AMPLIFIER

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<u>81832374</u>	RA48368ZC-US01	01 Dec 2008	12/325721	8368657	TOUCH SENSOR PANEL USING REGIONAL AND LOCAL ELECTRODES TO INCREASE NUMBER OF SENSE LOCATIONS
<u>81375041</u>	81373997US01	19 Dec 2008	12/339249	US8320478	SYSTEM AND METHOD FOR GENERATING A SIGNAL WITH A RANDOM LOW PEAK TO AVERAGE POWER RATIO WAVEFORM FOR AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM
<u>81807913</u>	AC50047TC-US01	19 Dec 2008	12/339938	7839189	VOLTAGE DETECTOR DEVICE AND METHODS THEREOF

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PATENT
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<u>81832441</u>	RA48424ZPX-US01	19 Dec 2008	12/340202	7943525	MICROELECTROMECHANICAL DEVICE WITH ISOLATED MICROSTRUCTURES AND METHOD OF PRODUCING SAME
<u>81381197</u>	NL030688US2	19 Dec 2008	12/340547		DATA PROCESSING CIRCUIT WITH MULTIPLEXED MEMORY
<u>81375039</u>	81374006US01	31 Dec 2008	12/346906	US8542938	SYSTEM AND METHOD FOR INTRA-FRAME COMPRESSION USING PREDICTIVE CODING
<u>81375030</u>	81374017US01	31 Dec 2008	12/346910	US8428145	System and Method for Providing Fast Trick Modes
<u>81375035</u>	81374021US01	31 Dec 2008	12/346912		A Novel PVR Trick Mode Method
<u>81375037</u>	81374009US01	31 Dec 2008	12/346936	US8514942	LOW-RESOLUTION VIDEO CODING CONTENT EXTRACTION
<u>81375033</u>	81374014US01	31 Dec 2008	12/347841	US8311112	A Novel Video Compression Method
<u>81843257</u>	SC14990ZK-US05	31 Oct 2006	12/350547	7652357	QUAD FLAT NO-LEAD (QFN) PACKAGES

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<u>81828181</u>	MT10079ZP-US02	25 Aug 2006	12/356235	7893491	SEMICONDUCTOR SUPERJUNCTION STRUCTURE
<u>81845531</u>	SIGTST011-US09	17 Dec 2004	12/360628	7786698	CHARGING A SECONDARY BATTERY
<u>81831211</u>	NM45540TS-US01	02 Feb 2009	12/364112	8737475	VIDEO SCENE CHANGE DETECTION AND ENCODING COMPLEXITY REDUCTION IN A VIDEO ENCODER SYSTEM HAVING MULTIPLE PROCESSING DEVICES
<u>81832162</u>	005413US	19 Jun 2007	12/374491	8086189	Improved phase-to-frequency conversion procedure for polar transmitters
<u>81847385</u>	WM10118EH-US04	08 Aug 2006	12/376557	7855581	REAL TIME CLOCK MONITORING METHOD AND SYSTEM
<u>81379442</u>	006190US1	06 Aug 2007	12/376937		Multifunctional Micro Speaker with Optical Focus Systems

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PATENT
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<u>81377996</u>	004963US1	06 Aug 2007	12/377976	US8345734	Time domain symbol time error estimator for OFDM with applications to DVB-T/H
<u>81848276</u>	SC10986TS-US09	11 Apr 2002	12/388630	7929433	MANIPULATING DATA STREAMS IN DATA STREAM PROCESSORS
<u>81828310</u>	MT10227ZK-US02	29 Sep 2006	12/390133	7619297	ELECTRONIC DEVICE INCLUDING AN INDUCTOR
<u>81383132</u>	81373885US06	06 Oct 2005	12/391020	8078129	Systems and Method for a Highly Integrated, Multi-Mode Tuner
<u>81383208</u>	NL031276US2	23 Feb 2009	12/391064	7858444	Electronic Device and Method of Manufacture Thereof
<u>81829211</u>	MT11037ZP-US01	23 Feb 2009	12/391083	8149564	MEMS CAPACITIVE DEVICE AND METHOD OF FORMING SAME

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<u>81825369</u>	CP41874ZC-US01	25 Feb 2009	12/392841	8170166	METHODS AND SYSTEMS FOR COMBINING TIMING SIGNALS FOR TRANSMISSION OVER A SERIAL INTERFACE
<u>81825422</u>	CP41966ZC-US01	27 Feb 2009	12/394256	7852249	SIGMA-DELTA MODULATOR WITH DIGITALLY FILTERED DELAY COMPENSATION
<u>81825423</u>	CP41970ZC-US01	27 Feb 2009	12/394275	7880654	CONTINUOUS-TIME SIGMA- DELTA MODULATOR WITH MULTIPLE FEEDBACK PATHS HAVING INDEPENDENT DELAYS
<u>81829028</u>	MT10884ZK-US01	03 Mar 2009	12/397112	7868729	STACKED DEVICE ASSEMBLY WITH INTEGRATED COIL AND METHOD OF FORMING SAME
<u>81828273</u>	MT10187TP-US02	08 Sep 2006	12/397849	7800164	NANOCRYSTAL NON- VOLATILE MEMORY CELL AND METHOD THEREFOR

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<u>81369951</u>	81359669US01	04 Mar 2009	12/398042	US8718142	Bandwidth reduction using embedded compression with temporal prediction in a frame rate conversion system
<u>81842306</u>	SC13641TP- US02	30 Jun 2005	12/398387	7986006	SINGLE TRANSISTOR MEMORY CELL WITH REDUCED RECOMBINATION RATES
<u>81832439</u>	RA48419ZC- US01	09 Mar 2009	12/400441	8186220	ACCELEROMETER WITH OVER-TRAVEL STOP STRUCTURE
<u>81847738</u>	WM41561AS- US02	10 Mar 2009	12/400834	US8199719	METHOD AND APPARATUS FOR PERFORMING HANDOVER IN A WIRELESS COMMUNICATION SYSTEM
<u>81825363</u>	CP41867ZH- US01	12 Mar 2009	12/403075	8233524	RADIO TRANSMITTER IQ IMBALANCE MEASUREMENT AND CORRECTION METHODS AND APPARATUS

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<u>81831197</u>	NM45519TCX-US01	13 Mar 2009	12/404140	7894440	PROGRAMMABLE HASH-TUPLE GENERATION WITH PARALLEL RULE IMPLEMENTATION INDEPENDENCE
<u>81383270</u>	81377406US01	18 Mar 2009	12/406418	7884679	Process, Voltage and Temperature Compensated Oscillator
<u>81832401</u>	RA48397ZP-US01	24 Mar 2009	12/409920	8186221	VERTICALLY INTEGRATED MEMS ACCELERATION TRANSDUCER
<u>81832391</u>	RA48381ZP-US01	30 Mar 2009	12/414324	7846815	EUTECTIC FLOW CONTAINMENT IN A SEMICONDUCTOR FABRICATION PROCESS
<u>81848212</u>	WM41694AC-US02	02 Apr 2009	12/416933	8076979	LOCK DETECTION CIRCUIT FOR PHASE LOCKED LOOP
<u>81831198</u>	NM45522TSX-US01	13 Apr 2009	12/422684	8743970	VIDEO DECODING WITH ERROR DETECTION AND CONCEALMENT

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PATENT
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<u>81832503</u>	RA48463ZC-US01	20 Apr 2009	12/426585	7843231	TEMPERATURE-COMPENSATED VOLTAGE COMPARATOR
<u>81850086</u>	SC11715ZP-US09	09 Jun 2005	12/426837	7898059	SEMICONDUCTOR DEVICE COMPRISING PASSIVE COMPONENTS
<u>81831099</u>	NM45444TH-US01	21 Apr 2009	12/427646	8990633	TRACING SUPPORT FOR INTERCONNECT FABRIC
<u>81382762</u>	81359082US01	24 Apr 2009	12/429908	US8239631	SYSTEM AND METHOD FOR REPLACING DATA IN A CACHE
<u>81829180</u>	MT10999TP-US02	19 Dec 2008	12/436558	7871886	NANOCRYSTAL MEMORY WITH DIFFERENTIAL ENERGY BANDS AND METHOD OF FORMATION
<u>81381880</u>	006690US2	20 Aug 2007	12/438316		Economy HD Natural Motion using frequency band-split

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<u>81380065</u>	81363741US07	31 Aug 2007	12/439414		Method for Controlled Formation of the Resistive Switching Material in a Resistive Switching Device and Devices Obtained Thereof
<u>81380128</u>	81363932US06	31 Aug 2007	12/439430		A method for controlled formation of the resistive switching material in a resistive switching device and devices obtained thereof.
<u>81380858</u>	006848US	29 Aug 2007	12/439584	8012818	Method to oxidize 4H-SiC to produce high inversion channel mobility SiC MOSFET
<u>81847458</u>	WM10219EH-US03	11 Sep 2006	12/440663	7902892	METHOD OF CONTROL SLOPE REGULATION AND CONTROL SLOPE REGULATION APPARATUS

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PATENT
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<u>81381647</u>	006108US	10 Sep 2007	12/440946	7839213	Large Dynamic Range Polar Modulated Power Amplifier.
<u>81382948</u>	006976US01	17 Sep 2007	12/441769	8138087	Backside metallisation with NiAg stack
<u>81382960</u>	006822US01	14 Sep 2007	12/442351	US7786014	Network of vias for through the wafer via
<u>81383551</u>	006588US1	25 Sep 2007	12/444652	8136737	Low-Tolerance Montageverfahren eines UHF-RFID-ICs auf eine Antenne
<u>81382068</u>	006607US	05 Oct 2007	12/444677	7790606	Dual Damascene Integration using TDP Fill at Via Level
<u>81382327</u>	006641US1	05 Oct 2007	12/444684		Nano resonator (NEMS resonator) based on fin-FET architecture
<u>81383583</u>	006656US1	27 Sep 2007	12/445052	8203430	Zeitkompensation für Verzögerung am S2C Interface

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<u>81383537</u>	006340US1	01 Oct 2007	12/446183		Linearization of the RX voltage to improve and stabilize the communication in contactless
<u>81382363</u>	007264US	19 Oct 2007	12/446636		A method to avoid task-switching overhead in streaming frameworks.
<u>81846644</u>	TS48146EC-US03	25 Oct 2006	12/446922	8214674	INTEGRATED CIRCUIT HAVING A MICROCONTROLLER UNIT AND METHODS OF OPERATION THEREFOR
<u>81349829</u>	006872US1	15 Oct 2007	12/447202		Address Calculation Unit for region based image processing tasks
<u>81848870</u>	XSI125-US04	11 Mar 2005	12/458051	8009658	METHOD FOR SHARING BANDWIDTH USING REDUCED DUTY CYCLE SIGNALS AND MEDIA ACCESS CONTROL
<u>81832337</u>	RA48341ZH-US01	22 May 2009	12/470729	8115499	DEVICE WITH PROXIMITY DETECTION CAPABILITY

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<u>81831318</u>	NM45682HH-US01	02 Jun 2009	12/476586	8156265	DATA PROCESSOR COUPLED TO A SEQUENCER CIRCUIT THAT PROVIDES EFFICIENT SCALABLE QUEUING AND METHOD
<u>81831335</u>	NM45711TC-US01	12 Jun 2009	12/483386	7872494	MEMORY CONTROLLER CALIBRATION
<u>81831338</u>	NM45716TH-US01	12 Jun 2009	12/483392	7893741	MULTIPLE-STAGE, SIGNAL EDGE ALIGNMENT APPARATUS AND METHODS
<u>81831336</u>	NM45712TC-US01	12 Jun 2009	12/483503	7880550	VOLTAGE TRANSLATION USING FEEDBACK TO ADJUST OUTPUT VOLTAGE RANGE
<u>81829429</u>	MT11233ZP-US01	18 Jun 2009	12/487031	8193560	VOLTAGE LIMITING DEVICES
<u>81847630</u>	WM41435AC-US02	22 Jun 2009	12/488624	7940545	LOW POWER READ SCHEME FOR READ ONLY MEMORY (ROM)

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<u>81848001</u>	WM41575AC-US02	22 Jun 2009	12/488631	8040746	EFFICIENT WORD LINES, BIT LINE AND PRECHARGE TRACKING IN SELF- TIMED MEMORY DEVICE
<u>81825433</u>	CP41997ZC-US01	15 Jul 2009	12/503816	8228117	QUIET POWER UP AND POWER DOWN OF CLOSED LOOP DIGITAL PWM MODULATORS
<u>81827075</u>	FS10038JC-US02	13 Sep 2007	12/504653	8174251	SERIES REGULATOR WITH OVER CURRENT PROTECTION CIRCUIT
<u>81389217</u>	NL021289US2	20 Jul 2009	12/506065		WIREBONDING METHOD AND APPARATUS
<u>81828517</u>	MT10407TK-US09	17 Nov 2006	12/510369	7655502	METHOD OF PACKAGING A SEMICONDUCTOR DEVICE AND A PREFABRICATED CONNECTOR

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<u>81350400</u>	006794US2	06 Nov 2007	12/513690	7960864	VeryLow Power CMOS Backup Battery Switchover Circuit Using Switched Capacitor Techniques
<u>81384633</u>	006059US1	16 Oct 2007	12/513867	US8396227	Very fast analysis of harmonic and anharmonic contents of an output signal.
<u>81384644</u>	006509US1	16 Oct 2007	12/513881	US8284964	Optimized material parameters to ensure process stability and lifetime for Speaker membranes
<u>81384650</u>	006496US1	16 Oct 2007	12/513894		Use of damping material of membrane to glue components of electroacustical transducer
<u>81384592</u>	007140US	13 Nov 2007	12/514777	8148052	High throughput double patterning for lithography

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<u>81385451</u>	006454US	15 Nov 2007	12/515611	8004318	High side low current (3.3V) voltage reference for deep sub micron high voltage process
<u>81384766</u>	006660US1	22 Nov 2007	12/515624		Optimized geometry of compliant part of speaker-membrane to enlarge effective area
<u>81385670</u>	006664US1	23 Nov 2007	12/515783	8509340	Readjustment of symmetry of symmetric systems to suppress common mode interferences
<u>81348063</u>	006809US2	02 Oct 2007	12/515790	8379768	Method for Equalization of Multiple Receive Signal Streams
<u>81385236</u>	006457US	20 Nov 2007	12/516173	7818890	Magnetometer sensor and front- end configurations for eCompass
<u>81385793</u>	006112US1	20 Nov 2007	12/516785	US8441498	Adaptive Colour Gamut Mapping in the perceptual domain

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<u>81386134</u>	007532US	29 Nov 2007	12/517260		A tamper resistant system for road tolling (EU or Netherlands)
<u>81385905</u>	007229US	03 Dec 2007	12/517572		A GPS "block box" recorder GREENHILL B1-PATENT
<u>81350912</u>	007113US2	11 Dec 2007	12/518485	US8959500	Processor with a non-uniform amount of branch delay slots.
<u>81350924</u>	007114US2	11 Dec 2007	12/518500		VLIW processor with virtual functional units.
<u>81354447</u>	006657US1	10 Dec 2007	12/519162	8362561	N and P Tunneling Transistors Embedded in a Single Fin-FET
<u>81830681</u>	NC10037EC-US02	02 Jan 2007	12/521838	8341301	DEVICE AND METHOD FOR TESTING A DIRECT MEMORY ACCESS CONTROLLER
<u>81388453</u>	007181US1	19 Dec 2007	12/522184	US8836481	Programmable Sensitivity of passive RFID label IC's
<u>81345125</u>	007564US2	24 Jan 2008	12/523388		Hardware triggered data cache line pre-allocation.

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PATENT
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<u>81387611</u>	007265US	15 Jan 2008	12/523822	8149947	Real-Time Doppler Detector, and its application to dual OFDM Equalizer Switch Control
<u>81388177</u>	007477US	28 Jan 2008	12/525115	8255724	A Mechanism to implement awake time in mobiles
<u>81388689</u>	007877US1	07 Feb 2008	12/525121	8369428	New frame synchronization for DVB-T/H systems
<u>81388903</u>	007009US1	08 Feb 2008	12/525137		Ambilight with User Calibration
<u>81389368</u>	008016US	11 Feb 2008	12/525265	8067830	Qfn dual row package with reduced row pitch and testpads on inner row
<u>81389380</u>	008021US1	11 Feb 2008	12/526619	7989934	Board level reliability improvement for fine pitch UTLP
<u>81389398</u>	008025US1	11 Feb 2008	12/526678	8133764	Embedded coil
<u>81388319</u>	007395US	13 Feb 2008	12/526719	8237436	Magnetometer with a single, combined flip and compensation coil (2)

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PATENT
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<u>81390791</u>	008034US1	12 Mar 2008	12/530855		CONTACTLESS TRANSMISSION ELEMENT AND METHOD OF CHARACTERIZING THE SAME
<u>81390173</u>	007651US	18 Mar 2008	12/531637	US8418043	Adaptive Error Detection in Source Coding
<u>81390257</u>	007487US1	26 Mar 2008	12/531726	US8185215	Supply Current Based Workload Computation for QoS Control
<u>81390272</u>	007341US1	26 Mar 2008	12/531737	8918786	Delayed release for composable multiprocessor systems
<u>81389979</u>	007342US1	26 Mar 2008	12/532201	US8330491	High voltage tolerant and low voltage functional input circuit
<u>81847376</u>	WM10100EH- US03	27 Mar 2007	12/532784	8126101	METHOD AND APPARATUS FOR VARYING A DYNAMIC RANGE

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PATENT
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<u>81825447</u>	CP42049HS-US01	06 Aug 2009	12/536963	8325280	DYNAMIC COMPENSATION OF DISPLAY BACKLIGHT BY ADAPTIVELY ADJUSTING A SCALING FACTOR BASED ON MOTION
<u>81832409</u>	RA48400ZC-US02	14 Aug 2009	12/541345	7973570	SAMPLE-AND-HOLD (S/H) CIRCUIT
<u>81384684</u>	81368615US02	17 Aug 2009	12/542544	8138855	DEVICE WITH AN ELECTROACOUSTIC BALUN
<u>81832530</u>	RA48510ZH-US01	26 Aug 2009	12/548232	8138007	MEMS DEVICE WITH STRESS ISOLATION AND METHOD OF FABRICATION
<u>81828401</u>	MT10322ZP-US02	25 Jan 2007	12/560588	7795674	DUAL GATE LDMOS DEVICES
<u>81825449</u>	CP42061ZC-US01	25 Sep 2009	12/566953	8022850	MULTIPLE-BIT, DIGITAL-TO-ANALOG CONVERTERS AND CONVERSION METHODS

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<u>81829460</u>	MT11269BP-US01	28 Sep 2009	12/568412	8114739	SEMICONDUCTOR DEVICE WITH OXYGEN-DIFFUSION BARRIER LAYER AND METHOD FOR FABRICATING SAME
<u>81389020</u>	81387346US01	16 Oct 2009	12/581051		Eyeglasses with a Planar Array of Microphones for Assisting Hearing
<u>81848643</u>	XSI032-US04	13 Dec 2002	12/588627	8451936	METHOD AND SYSTEM FOR PERFORMING DISTANCE MEASURING AND DIRECTION FINDING USING ULTRA WIDE BANDWIDTH TRANSMISSIONS
<u>81848863</u>	XSI120-US04	28 Feb 2005	12/588737	7788424	METHOD OF TRANSMITTING DATA FROM A TRANSMITTING DEVICE
<u>81847392</u>	WM10133TH-US07	28 Apr 2006	12/591171		SYSTEM AND METHOD FOR CONTROLLING A WIRELESS DEVICE

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<u>81848512</u>	XSI014-US03	10 Oct 2000	12/591561	7903778	A LOW POWER, HIGH RESOLUTION TIMING GENERATOR FOR ULTRA- WIDE BANDWIDTH COMMUNICATION SYSTEMS
<u>81832554</u>	RA48523ZH- US01	21 Nov 2009	12/592290	8558802	METHODS AND APPARATUS FOR PERFORMING CAPACITIVE TOUCH SENSING AND PROXIMITY DETECTION
<u>81391181</u>	007397US1	27 Mar 2008	12/594233	7937845	Ultimate Lowest-cost Orientation Sensor and Compass using 2D magnetometer
<u>81390289</u>	008362US	03 Apr 2008	12/594294		Generic video IP synchronization method for video multimedia SoC
<u>81390882</u>	007440US	31 Mar 2008	12/594312	US8902992	Region of Interest (ROI) decoding on standard INTRA coding schemas

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<u>81390611</u>	007660US	03 Apr 2008	12/594594	8250420	ROM-Based X-Masking Logic for Masking Test Responses for Built-In Self-Test
<u>81390593</u>	006503US1	11 Apr 2008	12/594600	8138596	Low cost Leadframe based on embedded wires
<u>81391496</u>	007820US1	17 Apr 2008	12/594673	8546863	Novel arrays of 3D memory cells with 1-or-2 nanowire based transistors for ultra high densities
<u>81391362</u>	008235US1	17 Apr 2008	12/594779	8368044	3D folded phase change line
<u>81846711</u>	TS48189EH-US02	26 Apr 2007	12/596253	8242815	MICROCONTROLLER UNIT AND METHOD THEREFOR
<u>81392004</u>	008534US	29 Apr 2008	12/597146		Binding the On-Board Unit to a Road-Tollable Vehicle

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<u>81391992</u>	008535US	29 Apr 2008	12/597148	8665093	Binding the On-Board Unit to a Road-Tollable Vehicle
<u>81390919</u>	008324US	24 Apr 2008	12/598017		Content Analysis Feature Pin in DirectShow - delivery of content analysis features in real time.
<u>81390349</u>	008193US	05 May 2008	12/598040		Children block for TV set
<u>81390364</u>	007754US	14 May 2008	12/599048	US8488887	Improvement of the compression aspects of the Light-Field Rendering.
<u>81391573</u>	008154US1	14 May 2008	12/599062	8612651	Improved clock domain crossing FIFO
<u>81392212</u>	007335US1	06 Jun 2008	12/601291		Removing 2fH cross talk for TV systems
<u>81848069</u>	WM41607EH-US02	13 Jun 2007	12/602783	8340021	WIRELESS COMMUNICATION UNIT

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<u>81841206</u>	SC13033TH-US09	09 Oct 2003	12/606044	8131316	CELLULAR MODEM PROCESSING
<u>81828645</u>	MT10544ZK-US04	19 Jun 2007	12/606702	8004068	SHIELDED MULTI-LAYER PACKAGE STRUCTURES
<u>81832510</u>	RA48472ZP-US01	30 Oct 2009	12/609332	8220330	VERTICALLY INTEGRATED MEMS SENSOR DEVICE WITH MULTI-STIMULUS SENSING
<u>81832527</u>	RA48502ZH-US01	16 Nov 2009	12/619409	8215177	APPARATUS AND METHOD FOR APPLYING STRESS- INDUCED OFFSET COMPENSATION IN SENSOR DEVICES
<u>81807924</u>	AC50066AC-US02	23 Nov 2009	12/624360	7956662	FLIP-FLOP CIRCUIT WITH INTERNAL LEVEL SHIFTER

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PATENT
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<u>81807975</u>	AC50110ZC-US01	25 Nov 2009	12/626321	8305068	VOLTAGE REFERENCE CIRCUIT
<u>81846390</u>	SIGAPOG16-US04	05 Aug 2005	12/632323	7907664	DIGITAL ADAPTIVE FEEDFORWARD HARMONIC DISTORTION COMPENSATION FOR DIGITALLY CONTROLLED POWER STAGE
<u>81843224</u>	SC14320TP-US04	27 Sep 2005	12/639394	8659087	ELECTRONIC DEVICE WITH A GATE ELECTRODE HAVING AT LEAST TWO PORTIONS
<u>81394724</u>	81367170US01	24 Dec 2009	12/647373		STAND-ALONE EAR BUD FOR ACTIVE NOISE REDUCTION
<u>81391258</u>	008168US	10 Jun 2008	12/663822	8062068	Si-based ESD protection integrated inside Connectors
<u>81395014</u>	81057963US	20 Jun 2008	12/664964	8175517	NFC enabled Digital Picture Frame and a novel way to get content from multimedia devices

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<u>81394810</u>	81338952US01	24 Jun 2008	12/665046	8471763	GNSS Attack Tamper Evidence System
<u>81394904</u>	81338969US01	25 Jun 2008	12/665360		Anonymous delegation of map matching and trip cost computation
<u>81391285</u>	81058318US05	20 Jun 2008	12/666818	US8437496	Abkoppelsicke zur definierten Steuerung einer Plattenresonanz bei dyn.Wandler
<u>81828468</u>	MT10377CF-US04	01 Aug 2007	12/670502	8043951	METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE OBTAINABLE THEREWITH
<u>81341806</u>	81339062US01		12/670691		Mifare Memory Recovery System
<u>81394649</u>	81340805US05	30 Jul 2008	12/670715	8683861	Humidity sensor

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<u>81394621</u>	81338397US05	29 Jul 2008	12/671031	US8526665	Reduction of the size / optimization of a microphone by sealing between cap and mic sensor
<u>81393590</u>	81058192US04	28 Jul 2008	12/671214		to prevent cablejam with wired headsets => the bag
<u>81847988</u>	WM41530EH- US02	09 Aug 2007	12/671239	8340622	ARRANGEMENT OF RADIOFREQUENCY INTEGRATED CIRCUIT AND METHOD FOR MANUFACTURING THEREOF
<u>81393553</u>	81049887US05	07 Aug 2008	12/673015		Methodology for Thin Line Detection within Video Signals on Luminance and Chrominance Components
<u>81394933</u>	008302US1	15 Aug 2008	12/673898	US8176361	Selective Protection Against Soft Errors
<u>81393630</u>	008054US	22 Aug 2008	12/674906	8228123	WiMAX/WCDMA integrated linearized Doherty Amplifier

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<u>81394766</u>	008053US	02 Sep 2008	12/675849		3 Way high power Doherty amplification system for Mobile Communications
<u>81395741</u>	81336421US05	25 Aug 2008	12/675995		Mifare application swapping in NFC phone
<u>81396221</u>	007689US1	08 Apr 2008	12/676607	8375143	Apparatus for active network transcoders
<u>81398232</u>	81346072US06	10 Oct 2008	12/681891	8472545	METHOD AND SYSTEM FOR MANAGING PRECODING IN A MULTI-USER WIRELESS COMMUNICATIONS SYSTEM
<u>81396581</u>	008568US1	16 Oct 2008	12/682789		A processor with in-built addressable snoop buffer for generating complex cache coherent traffic pat
<u>81822005</u>	AC50172AC- US01	12 Jan 2010	12/685681	7986166	CLOCK BUFFER CIRCUIT
<u>81831214</u>	NM45544AH- US01	14 Jan 2010	12/687844	8180007	METHOD FOR CLOCK AND DATA RECOVERY

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PATENT
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<u>81821972</u>	AC50128AC-US01	14 Jan 2010	12/687849	7965129	TEMPERATURE COMPENSATED CURRENT REFERENCE CIRCUIT
<u>81828884</u>	MT10750ZK-US05	13 Sep 2007	12/688580	8097494	METHOD OF MAKING AN INTEGRATED CIRCUIT PACKAGE WITH SHIELDING VIA RING SRUCTURE
<u>81828470</u>	MT10382ZP-US02	07 Nov 2006	12/689594	8148793	THREE DIMENSIONAL INTEGRATED PASSIVE DEVICE AND METHOD OF FABRICATION
<u>81843599</u>	SC14725ZK-US06	27 Jan 2006	12/704941	7989951	DIE ASSEMBLIES
<u>81841233</u>	SC13051ET-US13	22 Dec 2004	12/705836	8189717	LOW IF RADIO RECEIVER
<u>81397375</u>	NL030179US2	19 Feb 2010	12/708874		PROTECTION OF AN MRAM DEVICE AGAINST TAMPERING
<u>81831410</u>	NM45823AH-US01	28 Feb 2010	12/714526	8286011	METHOD OF WAKING PROCESSOR FROM SLEEP MODE

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PATENT
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<u>81828430</u>	MT10334ZP-US08	28 Feb 2007	12/717522	7795702	MICROELECTRONIC ASSEMBLIES WITH IMPROVED ISOLATION VOLTAGE PERFORMANCE
<u>81397175</u>	81337888US05	16 Oct 2008	12/738189	8184045	GREENHILL B2-PATENT The provision by the user of an approximate location information to assist a GPS device in providing a position fix
<u>81397545</u>	81336765US05	29 Oct 2008	12/738297	8138817	Improved passive Harmonic Reject mixer
<u>81830978</u>	NC45307ES-US05	23 Oct 2007	12/738421	8401019	METHOD, INTEGRATED CIRCUIT, AND COMMUNICATION UNIT FOR SCHEDULING A PROCESSING OF PACKET STREAM CHANNELS

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PATENT
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<u>81398116</u>	81339836US05	20 Oct 2008	12/738820	8378593	Jitter correction for LED driver connected to conventional phase cut dimmer.
<u>81847663</u>	WM41496EC- US03	15 Nov 2007	12/742663	8416969	AMPLIFIER CIRCUIT
<u>81398148</u>	81059957US05	21 Nov 2008	12/744497		Optical mousepointer with 2 ball joints
<u>81398468</u>	81338590US05	26 Nov 2008	12/744931	8149605	Compact and Accurate Analog Memory for CMOS Imaging Pixel Detectors
<u>81405983</u>	008399US1	03 Dec 2008	12/746336	8358370	Improvement for digital camera flash images with depth estimation
<u>81398924</u>	81353699US05	03 Dec 2008	12/746487	8457243	Switching PA architectures based on RF PWM-PPM modulation with feedback
<u>81842654</u>	SC13855TP- US09	06 Apr 2005	12/752699		INTERLAYER DIELECTRIC UNDER STRESS FOR AN INTEGRATED CIRCUIT
<u>81832505</u>	RA48466JC- US02	09 Apr 2010	12/757041	8115469	DRIVER CIRCUIT

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<u>81398933</u>	NL040320US2	16 Mar 2005	12/759519	7957500	FAST PHASE-FREQUENCY DETECTOR ARRANGEMENT
<u>81404421</u>	000772US3	16 Apr 2010	12/761662	7979597	Programming Parallel I2C Slaves from a Single I2C Data Stream
<u>81404705</u>	NL040338US2	23 Apr 2010	12/765897		THERMALLY STABLE REFERENCE VOLTAGE GENERATOR FOR MRAM
<u>81404960</u>	000770US3	01 May 2006	12/769677	7934034	Simultaneous Control of Multiple I/O Banks in an I2C Slave Device
<u>81404969</u>	US050060US3	30 Apr 2010	12/770793	7940102	EDGE RATE CONTROL FOR I2C BUS APPLICATIONS
<u>81397746</u>	81394068US01	04 May 2010	12/773498	8203386	RECONFIGURABLE OUTPHASING CHIREIX AMPLIFIERS AND METHODS
<u>81832491</u>	RA48455JC- US02	17 May 2010	12/781796	8397571	OUTPUT CIRCUIT

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PATENT
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<u>81821982</u>	AC50153AC-US01	25 May 2010	12/786467	8464117	SYSTEM FOR TESTING INTEGRATED CIRCUIT WITH ASYNCHRONOUS CLOCK DOMAINS
<u>81395721</u>	81387290US01	08 Jun 2010	12/796559	8416023	SYSTEM AND METHOD FOR COMPENSATING FOR CHANGES IN AN OUTPUT IMPEDANCE OF A POWER AMPLIFIER
<u>81848877</u>	XSI130-US02	29 Sep 2005	12/801610	8165243	METHOD AND SYSTEM FOR GENERATING WAVELETS
<u>81847288</u>	WM10050TS-US06	18 Jan 2006	12/806944		PILOT SIGNAL IN AN FDMA COMMUNICATION SYSTEM
<u>81404898</u>	81057611US05	09 Dec 2008	12/808241		Passive Body Noise compensation by Moving Electrode for MEMS microphones
<u>81404905</u>	81057534US04	15 Dec 2008	12/809417	8199215	Hue vector sigma filter

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PATENT
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<u>81397946</u>	81346526US07	18 Dec 2008	12/809757	8022760	A Novel Three-way Doherty Concept
<u>81404549</u>	008078US1	18 Dec 2008	12/809876	7923315	New CMOS Bulk Planar Independent Double Gate Device Fabrication Process
<u>81407041</u>	81341651US05	26 Dec 2008	12/811252	8264678	LIGHT SENSOR WITH INTENSITY AND DIRECTION DETECTION
<u>81405201</u>	81050500US05	29 Dec 2008	12/812237		A system providing date and time correlation information based on signals inside and outside a car
<u>81408139</u>	81381456US02	01 Jul 2010	12/829117		APPARATUS AND METHOD FOR DETECTING USAGE PROFILES OF MOBILE DEVICES
<u>81408143</u>	81382790US02	02 Jul 2010	12/829532	8149061	CLASS H AMPLIFIER

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PATENT
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<u>81846346</u>	SIG000287-US03	23 Mar 2007	12/832774	7911839	SYSTEM AND METHOD TO CONTROL ONE TIME PROGRAMMABLE MEMORY
<u>81408639</u>	81387844US02	19 Jul 2010	12/839085	8375150	FAST HDMI SWITCHING WITH CONDITIONAL RESET MECHANISM
<u>81408746</u>	81382919US02	23 Jul 2010	12/842280		MICROPHONE/SPEAKER DEVICE
<u>81408915</u>	81379523US02	26 Jul 2010	12/843809	8779548	INTEGRATED CIRCUIT AND MANUFACTURING METHOD THEREFOR
<u>81408954</u>	81385314US03	03 Aug 2010	12/849278	US8760233	FREQUENCY SELECTION AND AMPLIFYING DEVICE
<u>81832650</u>	RA48580ZP-US01	23 Aug 2010	12/861435	8316718	MEMS PRESSURE SENSOR DEVICE AND METHOD OF FABRICATING SAME

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PATENT
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<u>81832709</u>	RA48609ZM-US01	23 Aug 2010	12/861509	8216882	MEMS SENSOR DEVICE WITH MULTI-STIMULUS SENSING AND METHOD OF FABRICATING SAME
<u>81407153</u>	81046536US04	24 Jan 2009	12/863275	8670852	AUDIO STREAMING SYSTEM AND METHOD FOR PERFORMING DISTRIBUTED AUDIO PROCESSING WITHIN THE SYSTEM
<u>81405529</u>	81058083US05	27 Jan 2009	12/864097	7994854	Improved Outphasing system
<u>81406669</u>	81049656US05	30 Jan 2009	12/865866	8363135	High-quality demosaicking of Bayer sensor images aiming at efficient hardware implementation
<u>81406926</u>	81045581US05	09 Feb 2009	12/866852	8389392	Gate separation in FinFETs using sacrificial gate
<u>81822134</u>	AC50299AC-US01	30 Aug 2010	12/871864	8198916	DIGITAL SIGNAL VOLTAGE LEVEL SHIFTER

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PATENT
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<u>81831026</u>	NC45366TH-US02	30 Apr 2008	12/872771		CONFIGURABLE PIPELINE BASED ON ERROR DETECTION MODE IN A DATA PROCESSING SYSTEM
<u>81832730</u>	RA48618ZP-US01	31 Aug 2010	12/873195	8304275	MEMS DEVICE ASSEMBLY AND METHOD OF PACKAGING SAME
<u>81409794</u>	81377476US02	01 Sep 2010	12/873782		ACOUSTIC MATERIAL
<u>81409250</u>	81379235US02	03 Sep 2010	12/875928	8174311	A SWITCHING AMPLIFIER
<u>81408941</u>	81384819US02	07 Sep 2010	12/876270	8578033	SET-UP OF MEDIA STREAM TRANSMISSION AND SERVER AND CLIENT FOR MEDIA STREAM TRANSMISSION
<u>81411215</u>	000981US2	23 Sep 2010	12/889120	7946378	IMPROVED MEMBRANE FOR AN ELECTROACOUSTIC TRANSDUCER
<u>81846323</u>	SIG000263-US02	19 Dec 2006	12/895170	7953196	DIGITAL AUDIO PROCESSING SYSTEM AND METHOD

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PATENT
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<u>81405003</u>	81394642US01	05 Oct 2010	12/898183	8284608	COMBINED EEPROM/FLASH NON-VOLATILE MEMORY CIRCUIT
<u>81411652</u>	81380938US02	07 Oct 2010	12/900398	8256298	MEMS PRESSURE SENSOR
<u>81412665</u>	81376594US03	28 Oct 2010	12/914833		THEMO-ACOUSTIC LOUDSPEAKER
<u>81832392</u>	RA48381ZP- US02	30 Mar 2009	12/914859	8525316	EUTECTIC FLOW CONTAINMENT IN A SEMICONDUCTOR FABRICATION PROCESS
<u>81412467</u>	004433US2	29 Oct 2010	12/916452		DOUBLE DATA RATE INTERFACE
<u>81406099</u>	81047138US05	17 Feb 2009	12/918398		Gate All Around Quantum Wire

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<u>81407564</u>	81339831US05	09 Mar 2009	12/921572	8237503	Transformer-based power combining and interpolating for digitally envelope-modulated amplifiers or direct RF modulators with high RF output power
<u>81407695</u>	81341002US05	17 Mar 2009	12/933410	US8284091	Flash ADC based on random offset spread
<u>81409358</u>	81049881US03	20 Mar 2009	12/933414	8541267	FinFET Transistor with High-Voltage Capability and CMOS-Compatible Method for Fabricating the Same
<u>81407663</u>	81047112US05	18 Mar 2009	12/933859	US9019167	Antenna tuning for stable driver current consumption
<u>81408983</u>	81348450US04	27 Mar 2009	12/934346	8416880	High resolution digital Bandpass RF PWM/PPM modulator with reduced sample frequency.

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PATENT
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<u>81410427</u>	81051017US06	30 Mar 2009	12/935760		Single Metal gate CMOS Integration using dopants
<u>81410431</u>	81056995US03	30 Mar 2009	12/935924	7939416	Low-Complexity HBT in a dual- gate finFET Process
<u>81410778</u>	81339374US04	09 Apr 2009	12/936913	8569911	Using a Perfect Power Manager For Redundant Functionality
<u>81411010</u>	81346912US04	03 Apr 2009	12/937377		Zusammengelötete Magnetsysteme
<u>81412122</u>	81056423US05	14 Apr 2009	12/937697	8437696	Low Power Near-Field Communication Device
<u>81411074</u>	81057467US05	15 Apr 2009	12/937701	8629495	Power LDMOS transistor
<u>81411511</u>	81392028US02	30 Nov 2010	12/956958	8836770	3D DISPLAY
<u>81396563</u>	81392744US05	01 Dec 2010	12/958192	8285731	SMART ROAD-TOLL-SYSTEM

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<u>81413711</u>	81387100US02	07 Dec 2010	12/962460		INTEGRATED CIRCUIT AND MANUFACTURING METHOD THEREFOR
<u>81829181</u>	MT10999TP- US03	19 Dec 2008	12/964727	8163609	NANOCRYSTAL MEMORY WITH DIFFERENTIAL ENERGY BANDS AND METHOD OF FORMATION
<u>81411417</u>	81377572US03	14 Dec 2010	12/967084	8253494	High efficiency Integrated linear device
<u>81411425</u>	81377743US03	14 Dec 2010	12/967912	8482353	High efficiency power device with internal dynamic bias control
<u>81830970</u>	NC45305TH- US07	15 Apr 2008	12/972878	8090913	COHERENCY GROUPS OF SERIALLY COUPLED PROCESSING CORES PROPAGATING COHERENCY INFORMATION CONTAINING WRITE PACKET TO MEMORY

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PATENT
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<u>81847734</u>	WM41553TC-US05	30 Apr 2007	12/981423		CHANNEL SOUNDING TECHNIQUES FOR A WIRELESS COMMUNICATION SYSTEM
<u>81412125</u>	81394312US01	05 Jan 2011	12/985052	9016133	PRESSURE SENSOR WITH PRESSURE-ACTUATED SWITCH
<u>81411208</u>	81343784US05	24 Apr 2009	12/989488	US8487719	High-performance Bulk Acoustic Wave resonator by trimming the resonator's external region.
<u>81412305</u>	81362632US04	27 Apr 2009	12/989521	8518783	Effective EOT reduction of High- K gate oxide stacks by Al implantation and incorporation in the interfacial layer
<u>81411972</u>	81340382US04	30 Apr 2009	12/989822		Dimming range enhancement for LED driver connected to conventional phase cut dimmer.

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<u>81409321</u>	81338995US05	30 Apr 2009	12/989890	8269555	Switching-mode Class-DE Power Amplifier for Out-phasing Transmitter Architectures
<u>81414100</u>	81057438US03	10 Jun 2009	12/999289	8216894	Method for eliminating contact resistance in finFET CMOS devices with deposited metal gates.
<u>81410148</u>	81346706US03	11 Jun 2009	12/999567	US8362939	Switched-capacitor pipeline stage with inter-symbol interference suppression
<u>81822143</u>	AC50306AC- US01	11 Jan 2011	13/004044	8344713	LDO LINEAR REGULATOR WITH IMPROVED TRANSIENT RESPONSE
<u>81822234</u>	AC50424HH- US01	26 Jan 2011	13/014454	8339177	MULTIPLE FUNCTION POWER DOMAIN LEVEL SHIFTER

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PATENT
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<u>81848513</u>	XSI014-US04	10 Oct 2000	13/017973	8311074	LOW POWER, HIGH RESOLUTION TIMING GENERATOR FOR ULTRA- WIDE BANDWIDTH COMMUNICATION SYSTEMS
<u>81846347</u>	SIG000287- US04	23 Mar 2007	13/026114	8189384	SYSTEM AND METHOD TO CONTROL ONE TIME PROGRAMMABLE MEMORY
<u>81418754</u>	81407323US01	14 Feb 2011	13/027043		PORTED MEMS MICROPHONE
<u>81829232</u>	MT11055ZK- US02	25 Nov 2008	13/043094	8283207	METHODS OF FORMING THROUGH-SUBSTRATE CONDUCTOR FILLED VIAS, AND ELECTRONIC ASSEMBLIES FORMED USING SUCH METHODS
<u>81828851</u>	MT10726TP- US02	27 Jul 2007	13/048976	8330231	A TRANSISTOR HAVING GATE DIELECTRIC PROTECTION AND STRUCTURE

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PATENT
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<u>81417711</u>	81394068US02	04 May 2010	13/052722	8174322	POWER CONTROL OF RECONFIGURABLE OUTPHASING CHIREIX AMPLIFIERS AND METHODS
<u>81414179</u>	81346632US05	20 Jul 2009	13/054647	8450802	Ruggedness improvement LDMOS by fieldplate design
<u>81415822</u>	81049475US05	22 Jul 2009	13/054798	8180306	VSWR Compensation Circuits For RF Transmit Chain
<u>81414257</u>	81347571US05	28 Jul 2009	13/055938		Speaker membrane with different stiffness on sides with different length
<u>81417270</u>	81368313US05	06 Aug 2009	13/059172	8593772	IC compatible with mains voltage enabling a breakthru for (retrofit) mains voltage LED lighting solutions

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PATENT
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<u>81416485</u>	81361820US05	21 Aug 2009	13/059387	US8776247	General Host Originated Secure Transaction
<u>81416927</u>	81366583US05	21 Aug 2009	13/059402		Common Architecture for Secure Processing of Expenses in Road-pricing CASPER
<u>81416902</u>	81349319US03	18 Aug 2009	13/061127	8541992	Multi-ratio capacitive converter in series with linear regulator including control loop for optimum efficiency at variable input voltages and load currents
<u>81418631</u>	81346435US05	10 Sep 2009	13/063325	8707781	A new design for integrated capacitive humidity sensor with improved contact surface area.
<u>81418683</u>	81372210US07	10 Sep 2009	13/063846		Sound recording by laser interferometry

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<u>81828843</u>	MT10722ZP-US05	31 Mar 2008	13/069158	8513734	SWITCH MODE CONVERTER EMPLOYING DUAL GATE MOS TRANSISTOR
<u>81418158</u>	81395130US03	13 Apr 2011	13/085748	US8350743	Analog demultiplexer for time- interleaved ADC with chopping and reset functionality
<u>81827850</u>	MF10026TP-US01	15 Apr 2011	13/088106	8993451	ETCHING TRENCHES IN A SUBSTRATE
<u>81420444</u>	81393938US03	19 Apr 2011	13/089789	8564367	POWER AMPLIFIER
<u>81822052</u>	AC50233AC-US02	22 Apr 2011	13/092166	8416216	METHOD AND SYSTEM FOR TOUCH SENSOR INTERACE FAULT DETECTION
<u>81846324</u>	SIG000263-US03	19 Dec 2006	13/092616	8102959	DIGITAL AUDIO PROCESSING SYSTEM AND METHOD
<u>81420732</u>	81374156US03	25 Apr 2011	13/093091	8502311	SEMICONDUCTOR TRANSISTOR COMPRISING TWO ELECTRICALLY CONDUCTIVE SHIELD ELEMENTS

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PATENT
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<u>81848221</u>	WM41710ZC-US02	08 Feb 2008	13/095544	8676145	MIXER CIRCUITS FOR SECOND ORDER INTERCEPT POINT CALIBRATION
<u>81848472</u>	WM41733ZC-US02	21 Apr 2008	13/096635	8150360	DC OFFSET CALIBRATION IN A DIRECT CONVERSION RECEIVER
<u>81807925</u>	AC50066AC-US03	23 Nov 2009	13/097054	8120404	FLIP-FLOP CIRCUIT WITH INTERNAL LEVEL SHIFTER
<u>81846065</u>	SIG000128-US02	14 Dec 2005	13/114655	8861749	AUDIO OUTPUT DRIVER FOR REDUCING ELECTROMAGNETIC INTERFERENCE AND IMPROVING AUDIO CHANNEL PERFORMANCE
<u>81422439</u>	81396994US03	26 May 2011	13/116967	US8638174	Multiphase LO generation for the DAC mixer, the harmonic-reject mixers, and for the multiphase fractional divider with multistage re-clocking

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PATENT
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<u>81426426</u>	NL021505US3	03 Dec 2003	13/117314	8181054	ARRANGEMENT AND METHOD FOR CONTROLLING POWER MODES OF HARDWARE RESOURCES
<u>81422519</u>	81394917US03	27 May 2011	13/117380	8963368	MPPT algorithm - Combination of Modified CV and Modified P&O method
<u>81420195</u>	81346845US04	05 Oct 2009	13/121951	US8487792	Background gain calibration of pipelined analog-to-digital converters using a 3-state transfer function
<u>81419909</u>	81354017US04	05 Oct 2009	13/123615	US8451161	Reference and range-scaling switched-capacitor pipeline stage
<u>81419873</u>	81356715US03	19 Oct 2009	13/124780	US8451154	Element calibration of stage DAC in pipelined analog to digital converters
<u>81422204</u>	81355502US05	21 Oct 2009	13/126286	8395267	Through-Substrate via and redistribution layer with metal paste

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PATENT
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<u>81422471</u>	81349845US05	06 Nov 2009	13/128197	8570101	Variable duty cycle generation with accurate phase information for out-phasing and PWM power amplifier concepts
<u>81422477</u>	81345707US04	10 Nov 2009	13/129107	8531204	Generic design-for-test wrapper isolation cell for use in multi power-domain system chips
<u>81423189</u>	81363056US04	02 Nov 2009	13/129573	8766738	Quadrature PWM transmitter concept.
<u>81825346</u>	CP41828EC-US02	05 Jan 2009	13/131039	8362833	AMPLIFIER CIRCUITRY, INTEGRATED CIRCUIT AND COMMUNICATION UNIT
<u>81807929</u>	AC50068EH-US02	05 Jan 2009	13/140025	8744190	SYSTEM AND METHOD FOR EFFICIENT IMAGE FEATURE EXTRACTION
<u>81423369</u>	81359474US05	30 Nov 2009	13/141719	8373508	A new pre-driver with switch power loss elimination and high ac voltage generation from low dc voltage

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PATENT
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<u>81423588</u>	81349923US05	11 Dec 2009	13/142029	8373507	Digital Protection and Impedance Mismatch Recording Concept for Low Breakdown Voltage Power Amplifiers
<u>81423601</u>	81396600US03	01 Jun 2011	13/150916	8390381	A two-stage Doherty main power amplifier design for better efficiency
<u>81832819</u>	RA48675AC- US01	14 Jun 2011	13/159440	8350631	RELAXATION OSCILLATOR WITH LOW POWER CONSUMPTION
<u>81424527</u>	81404716US05	21 Jun 2011	13/164998		Inductive Cell Balancing
<u>81461805</u>	81355884US04	21 Jan 2010	13/202922	8319546	Stability control of a RF power amplifier

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PATENT
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<u>81421841</u>	81409893US01	11 Aug 2011	13/207626	8794075	Multilayered Silicon Nitride -S ilicon Oxide membrane or thin film coating preventing water and metal ion diffusion e.g. through a MEMS membrane suspending a cavity intended to measure pressure inside Li-ion rechargeable batteries.
<u>81848002</u>	WM41575AC- US03	22 Jun 2009	13/235535	8223572	EFFICIENT WORD LINES, BIT LINE AND PRECHARGE TRACKING IN SELF- TIMED MEMORY DEVICE
<u>81825399</u>	CP41932ZC- US06	09 Oct 2008	13/246538	8150350	ADAPTIVE IIP2 CALIBRATION
<u>81485873</u>	81404612US03	06 Oct 2011	13/267819	9137880	Accurate Dimming Control Level Generation from Phase Cut Dimmer Output with Fast Response to Changes in Dimmer Position

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PATENT
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<u>81829307</u>	MT11137TK-US07	21 Jan 2009	13/273389	8592926	SUBSTRATE BONDING WITH METAL GERMANIUM SILICON MATERIAL
<u>81461762</u>	81397406US04	19 Oct 2011	13/276347	9019206	USER-INTERFACE FOR CONTROLLING A DATA PROCESSING SYSTEM USING A JOYSTICK
<u>81492859</u>	81410110US03	26 Oct 2011	13/282126	8680868	Spectroscopic battery-cell-impedance measurement arrangement
<u>81493988</u>	81387767US02	04 Nov 2011	13/289063	8866239	Guard ring for shock sensor chip to prevent water penetration into backend
<u>81494033</u>	81397277US03	15 Nov 2011	13/296803	8653750	Method to detect dimmer and to adapt dynamic dimmer load in order to improve dimmer compatibility and to increase system efficiency

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<u>81462463</u>	81417948US01	16 Nov 2011	13/297715		In-cell battery management device
<u>81476339</u>	81347991US03	22 Nov 2011	13/302925	8487703	High power Integrated Doherty Amplifier scalable solution for low frequency band / 1GHz/ based on FET / LDMOS, PHEMT../
<u>81494646</u>	81396335US02	23 Nov 2011	13/304215	8981433	Partly-matched power RF-LDMOS transistor
<u>81494548</u>	81408182US03	29 Nov 2011	13/306835	US8990519	Offline license control for discarded functionalities in an electronic chip
<u>81511725</u>	81397638US04	02 Dec 2011	13/310293	9048020	Bondwire transformers and their application as power combiners in outphasing systems

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<u>81494878</u>	81416930US04	08 Dec 2011	13/314752	8638171	RADIOFREQUENCY AMPLIFIER
<u>81849409</u>	SC14060CF- US04	12 Dec 2011	13/316736	8445939	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE
<u>81494934</u>	81380400US03	28 May 2010	13/320547	8664885	A CIRCUIT FOR A DIMMER
<u>81822333</u>	AC50546HC- US01	14 Dec 2011	13/325747	8599169	TOUCH SENSE INTERFACE CIRCUIT
<u>81511521</u>	81395404US03	22 Dec 2011	13/334637	8766427	Layout of arrayed RF-power transistors with matching circuit included on the area of the RF- power transistor array.
<u>81829462</u>	MT11269BP- US03	05 Jan 2012	13/344431	8853792	TRANSISTORS AND SEMICONDUCTOR DEVICES WITH OXYGEN-DIFFUSION BARRIER LAYERS

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<u>81832933</u>	RA48741AC-US01	23 Jan 2012	13/356610	8487683	CIRCUIT FOR GENERATING MULTI-PHASE NON- OVERLAPPING CLOCK SIGNALS
<u>81832734</u>	RA48618ZP-US05	31 Aug 2010	13/360920	9131325	MEMS DEVICE ASSEMBLY AND METHOD OF PACKAGING SAME
<u>81832535</u>	RA48510ZH-US06	26 Aug 2009	13/365454	8810030	MEMS DEVICE WITH STRESS ISOLATION AND METHOD OF FABRICATION
<u>81849297</u>	SC13033TH-US10	09 Oct 2003	13/366347	9198224	CELLULAR MODEM PROCESSING

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<u>81514370</u>	81392243US01	06 Feb 2012	13/366852	8570164	SYSTEM AND METHOD FOR VERIFYING WHETHER A VEHICLE IS EQUIPPED WITH A FUNCTIONAL ON-BOARD UNIT
<u>81516024</u>	81380542US04	16 Jul 2010	13/382726	8925371	Simultaneous detection of humidity and CO2 in an integrated sensor device.
<u>81516034</u>	81375836US04	28 Jul 2010	13/383716		GPS positioning and road charging data integration into a single NMEA data stream
<u>81518696</u>	81398519US02	16 Feb 2012	13/398158	9284187	CMOS Integrated Humidity Sensor - additional input for ID 81374504
<u>81519575</u>	81413337US03	22 Feb 2012	13/402199	8723444	multi output resonant LED driver
<u>81516965</u>	81394047US03	07 Mar 2012	13/414350		ROAD TOLL SYSTEM AND METHOD

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<u>81520851</u>	AT000071US2	16 Mar 2012	13/422869	8538481	STICK A "SIM" SMART LABEL ON A MOBILE PHONE
<u>81517050</u>	81410861US03	29 Mar 2012	13/433582	8630074	Over Temperature Protected Triac
<u>81522154</u>	81057963US09	20 Jun 2008	13/438667		Network device and method of transmitting content from a first network device to a second network device
<u>81520909</u>	81407531US03	03 Apr 2012	13/438716	8779781	Humidity sensor using frequency matching technique
<u>81521074</u>	81409017US02	19 Apr 2012	13/450536	8891214	ESD protection for RF-LDMOS, which can handle negative Vgs and has a snapback characteritic.

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<u>81522721</u>	81410080US04	02 May 2012	13/462582		MEMS capacitive pressure sensor with segmented electrodes and differential read-out allowing self calibration and improved signal to noise ratio
<u>81522391</u>	81407638US03	03 May 2012	13/463747	8710924	High power RF MMIC device for wireless mobile transmitters with high efficiency and linearity in a wide frequency band of operation.
<u>81522705</u>	81398237US03	15 May 2012	13/471609		Fab-friendly CMOS Integrated Sensor fabrication using non-critical lithography
<u>81829432</u>	MT11233ZP-US04	18 Jun 2009	13/480924	8455306	METHODS OF FORMING VOLTAGE LIMITING DEVICES

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<u>81522641</u>	81387210US04	29 Nov 2010	13/510368	US8988088	Liquid immersion sensor based on corrosion assisted structures
<u>81522662</u>	81383473US04	14 Dec 2010	13/510890		Secure Processing of Evaluation Carried out with a Tamper Resistant Equipment (SPECTRE)
<u>81832710</u>	RA48609ZM- US02	23 Aug 2010	13/526279	8487387	MEMS SENSOR DEVICE WITH MULTI-STIMULUS SENSING
<u>81525819</u>	81426978US04	24 Jul 2012	13/556676	8853798	INTEGRATED CIRCUIT WITH SENSOR AND METHOD OF MANUFACTURING SUCH AN INTEGRATED CIRCUIT
<u>81526160</u>	81426978US05	24 Jul 2012	13/556926		Gas sensor device and manufacturing

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<u>81850593</u>	XSI014-US05	10 Oct 2000	13/596112	8743927	LOW POWER, HIGH RESOLUTION TIMING GENERATOR FOR ULTRA- WIDE BANDWIDTH COMMUNICATION SYSTEMS
<u>81528420</u>	81421431US04	11 Sep 2012	13/610692	9070695	CMOS Integrated Sensors: Assembly/Reliability Improvements by simple Process Design Change
<u>81533079</u>	81421304US03	24 Oct 2012	13/659519	8692479	Adaptive digitally controlled dimable LED lamp driver
<u>81535135</u>	81413149US03	04 Dec 2012	13/693537	8928402	N way Doherty amplifier
<u>81537226</u>	81492608US02	12 Dec 2012	13/712572	8836226	Soft stop bleeding function to improve dimmer compatibility
<u>81534724</u>	81424388US03	13 Dec 2012	13/713236	8963511	Ac main supply recovery with phase looked loop for led driver application

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<u>81831115</u>	NM45458ZC-US02	25 Nov 2008	13/731242		METHODS OF FORMING 3-D CIRCUITS WITH INTEGRATED PASSIVE DEVICES
<u>81541719</u>	81422760US03	16 Jan 2013	13/742534	8736383	POWER AMPLIFIER CIRCUIT AND CONTROL METHOD
<u>81543612</u>	81494320US03	21 Jan 2013	13/745918	8896073	INTEGRATED CIRCUIT AND MANUFACTURING METHOD
<u>81543682</u>	81426710US03	28 Jan 2013	13/751365	8847339	Integrated Circuit and Manufacturing Method
<u>81559217</u>	81423549US03	01 Mar 2013	13/782712	US9235591	Contextual Data Compression for Geo-Tracking Applications
<u>81559234</u>	81410915US03	06 Mar 2013	13/786818		MEMS CAPACITIVE PRESSURE SENSOR

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<u>81822367</u>	AC50585TP-US02	22 Feb 2012	13/789971	8524557	INTEGRATION TECHNIQUE USING THERMAL OXIDE SELECT GATE DIELECTRIC FOR SELECT GATE AND REPLACEMENT GATE FOR LOGIC
<u>81544459</u>	81460516US03	28 Mar 2013	13/852978		INTEGRATED CIRCUIT COMPRISING A GAS SENSOR
<u>81582631</u>	81056423US06	05 Apr 2013	13/857892		Low Power Near-Field Communication Devices
<u>81583374</u>	81423272US02	23 Apr 2013	13/868501		A CONTROL CIRCUIT FOR A PHASE-CUT DIMMER AND A METHOD OF CONTROLLING A PHASE-CUT DIMMER
<u>81583799</u>	81421261US03	01 May 2013	13/874986	9128500	SWITCHING CIRCUITS
<u>81583896</u>	81495281US03	03 May 2013	13/887182	9071198	Amplifier Circuit

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<u>81583875</u>	81495007US03	03 May 2013	13/887212	9019671	Electronic device comprising RF-LDMOS transistor having improved ruggedness
<u>81583381</u>	81520708US02	20 May 2013	13/898354		DEVICE CONTROL SYSTEM AND METHOD OF DETERMINING ALTITUDE
<u>81582859</u>	81523723US03	11 Jun 2013	13/914822	9306690	TRANSMITTER
<u>81583612</u>	81520597US02	11 Jun 2013	13/915523	9269832	INTEGRATED CIRCUIT WITH PRESSURE SENSOR AND MANUFACTURING METHOD
<u>81584934</u>	81525331US03	02 Jul 2013	13/934022		MICROWAVE POWER SOURCE AND METHOD OF AUTOMATIC ADJUSTEMENT OF OPERATION FREQUENCE

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<u>81581742</u>	81493249US03	10 Jul 2013	13/938898	US9209477	Distributed cell admin for multi cell High voltage battery packs
<u>81585673</u>	81521644US02	09 Aug 2013	13/963347	9167638	LED CONTROLLER CIRCUIT
<u>81829875</u>	MT11815TS- US02	31 May 2012	13/964344	8793632	TECHNIQUES FOR ELECTROMIGRATION STRESS DETERMINATION IN INTERCONNECTS OF AN INTEGRATED CIRCUIT
<u>81588710</u>	81524667US02	05 Sep 2013	14/018484	9105479	INTEGRATED CIRCUIT INCLUDING AN ENVIRONMENTAL SENSOR
<u>81588719</u>	81522883US02	10 Sep 2013	14/023332		INTEGRATED CIRCUIT COMPRISING A GAS SENSOR
<u>81591286</u>	81495610US02	13 Sep 2013	14/027109	9118283	AN AMPLIFIER CIRCUIT
<u>81589233</u>	81461888US02	23 Sep 2013	14/034346		MEMS RESONATOR PRESSURE SENSOR

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<u>81623913</u>	81384819US03	07 Sep 2010	14/042862		SET-UP OF MEDIA STREAM TRANSMISSION AND SERVER AND CLIENT FOR MEDIA STREAM TRANSMISSION
<u>81616891</u>	81527129US03	07 Oct 2013	14/047137		INTEGRATED CIRCUIT COMPRISING A THERMAL CONDUCTIVITY BASED GAS SENSOR
<u>81624071</u>	81523373US02	15 Oct 2013	14/054665	9270233	Extended Video Bandwidth for RF high power amplifiers
<u>81624079</u>	81524025US02	15 Oct 2013	14/054681	9257946	AMPLIFIER CIRCUITS
<u>81617419</u>	81524263US02	15 Oct 2013	14/054705	9070565	Optimum intrinsic Video bandwidth performance for RF High Power Amplifiers
<u>81624478</u>	81530995US02	11 Nov 2013	14/077138	9252085	PACKAGE FOR AN INTEGRATED CIRCUIT

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<u>81624470</u>	81526319US02	14 Nov 2013	14/080711	9190970	AMPLIFIER CIRCUIT
<u>81624721</u>	81520716US02	17 Dec 2013	14/109879	9007129	AMPLIFIER DEVICE
<u>81633248</u>	81414523US02	20 Dec 2013	14/137272		Power consumption reducing method for beacon-enabled wireless personal area network apparatus, involves comparing duration against predetermined value, and adjusting duration of sleep period based on comparison result
<u>81626350</u>	81531684US03	20 Jan 2014	14/159036		Gas sensor device and method of manufacturing

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<u>81626802</u>	81538384US03	22 Jan 2014	14/160753	8878444	LED current stability improvement via output load control
<u>81626196</u>	81524008US02	27 Jan 2014	14/164484	8854143	Voltage Controlled Class AB Bias Circuit
<u>81635515</u>	81546245US02	06 Feb 2014	14/174150		Site Scan for Mobile Base stations
<u>81627885</u>	81582204US01	27 Feb 2014	14/192648		ELECTROCHEMICAL SENSOR
<u>81633070</u>	81582578US03	13 Mar 2014	14/210144	9301352	90Vac or 120Vac input bleeder-less Phase-cut dimming LED drivers
<u>81638666</u>	81581724US01	08 Apr 2014	14/248102		Gas Sensor
<u>81636392</u>	81531947US03	21 Apr 2014	14/257768	9307665	Air Cavity Package With Slots on Leads
<u>81638118</u>	81528445US02	30 Apr 2014	14/266281		Differential pressure sensor integrated on CMOS

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<u>81829876</u>	MT11815TS-US03	31 May 2012	14/266499		TECHNIQUES FOR ELECTROMIGRATION STRESS MITIGATION IN INTERCONNECTS OF AN INTEGRATED CIRCUIT DESIGN
<u>81640050</u>	81514336US02	01 May 2014	14/267715		Dual-Frequency Band High-Power Discrete RF Transistor using High-Density Capacitors
<u>81638202</u>	81544458US03	16 May 2014	14/279497		Emitter triggered thyristor with separated trigger electrode.
<u>81640166</u>	81533309US03	22 May 2014	14/284479		DOHERTY AMPLIFIER
<u>81640205</u>	81524439US02	10 Jun 2014	14/300435	9331664	MARCHAND BALUN AND POWER AMPLIFIER USING THE SAME
<u>81641361</u>	81529217US02	11 Jun 2014	14/301423		DOHERTY AMPLIFIER
<u>81642078</u>	004978US3	26 Jun 2014	14/316731		Authentication of Devices in a Wireless Network

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<u>81643464</u>	81537984US02	27 Jun 2014	14/317030		RF POWER DEVICE
<u>81644020</u>	81533301US03	28 Jul 2014	14/444063	9041465	AMPLIFIER CIRCUITS
<u>81644034</u>	81588439US03	28 Jul 2014	14/444106		A WIDEBAND AMPLIFIER
<u>81641441</u>	81583927US03	28 Jul 2014	14/444736		COMBINER CIRCUIT FOR A CLASS-E OUTPHASING POWER AMPLIFIER
<u>81644361</u>	81541380US04	04 Sep 2014	14/476812		Air cavity moulding with FilmAssistMoulding (FAM) of RF packages with floating leads
<u>81644481</u>	81516982US02	04 Sep 2014	14/477453		A low power CO2 sensor with ppm sensitivity

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<u>81645220</u>	81541380US06	05 Sep 2014	14/478683	9190350	Air cavity moulding with FilmAssistMoulding (FAM) of RF packages with floating leads
<u>81647688</u>	81543381US02	10 Oct 2014	14/511307		High Power Integrated Amplifier
<u>81649387</u>	81494320US07	14 Oct 2014	14/513352	9052267	INTEGRATED CIRCUIT AND MANUFACTURING METHOD
<u>81647002</u>	81526583US03	27 Oct 2014	14/524663		Bond wire return path in single chip RF LDMOS power amplifier design
<u>81644047</u>	81559481US03	28 Oct 2014	14/526069		DOHERTY AMPLIFIER
<u>81649779</u>	81590641US02	29 Oct 2014	14/527138		Novel package for the RF power transistor video bandwidth enhancement

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<u>81647415</u>	81591256US03	18 Nov 2014	14/546928		Secure Hardware Video Decoding
<u>81650039</u>	81627346US02	25 Nov 2014	14/553777	9271355	Switching scheme for mains dimnable SSL driver
<u>81648627</u>	81613976US03	05 Dec 2014	14/562129	9324674	High reliability interposer layer for power applications
<u>81649373</u>	81626908US03	09 Dec 2014	14/564659		BJT bleeder for the Off-State and Latching Currents of Phase- Cut Dimmers
<u>81649794</u>	81585203US02	10 Dec 2014	14/566309		SENSOR PACKAGE AND MANUFACTURING METHOD
<u>81649978</u>	81594049US02	18 Dec 2014	14/575001		Vertical high voltage device integration on isolated silicon islands with 'self assembling' drain connection
<u>81654914</u>	81627960US03	02 Jan 2015	14/588581		Wideband impedance transforming balun
<u>81662965</u>	81616742US03	02 Mar 2015	14/635269		A balanced DC bias circuit for RF power transistor

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<u>81843118</u>	WM10185TS-US09	15 Sep 2006	14/639762		VIDEO INFORMATION PROCESSING SYSTEM WITH SELECTIVE CHROMA DEBLOCK FILTERING
<u>81831525</u>	NM45919HH-US02	13 Sep 2010	14/657045		DATA PROCESSING SYSTEM HAVING END-TO-END ERROR CORRECTION AND METHOD THEREFOR
<u>81667407</u>	81591142US03	16 Mar 2015	14/658479	9209118	Means to maximize isolation in Packaged Doherty amplifiers
<u>81670704</u>	81633037US04	25 Mar 2015	14/667787		Ultra Wide Band Doherty Amplifier
<u>81672100</u>	81633699US03	25 Mar 2015	14/667860		An innovative wide band RF power transistor
<u>81108117</u>	DE020147US	05 Jun 2003	10/517246	8566466	IMPLEMENTATION OF PARTIAL NETWORKING WITHIN SERIAL BUS ...

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<u>81349490</u>	001695US2	23 Jun 2006	11/917624	8543746	Self-Synchronizing Data Streaming Between Address- Based Producer and Consumer Circuits
<u>81845954</u>	SIG000058- US01	08 Feb 2001	09/779810	6567027	METHOD AND APPARATUS FOR ANALOG TO DIGITAL CONVERSION UTILIZING A MOVING SUM

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