

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

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4792796

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

**CONVEYING PARTY DATA**

Name	Execution Date
HITACHI MAXELL, LTD.	10/01/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	MAXELL, LTD.
<b>Street Address:</b>	1 KOIZUMI, OYAMAZAKI, OYAMAZAKI-CHO, OTOKUNI-GUN
<b>City:</b>	KYOTO
<b>State/Country:</b>	JAPAN

**PROPERTY NUMBERS Total: 1653**

Property Type	Number
Application Number:	09811603
Application Number:	09970706
Application Number:	09942799
Application Number:	10916454
Application Number:	10073099
Application Number:	10196267
Application Number:	10920351
Application Number:	11193945
Application Number:	11510563
Application Number:	12120685
Application Number:	12254852
Application Number:	12191380
Application Number:	12430153
Application Number:	12328955
Application Number:	12329153
Application Number:	12350351
Application Number:	12542025
Application Number:	12542003
Application Number:	12649398
Application Number:	12541998
Application Number:	12782183

PATENT

<b>Property Type</b>	<b>Number</b>
Application Number:	08470449
Application Number:	08791511
Application Number:	09743495
Application Number:	10642225
Application Number:	10669052
Application Number:	11222777
Application Number:	11702537
Application Number:	10239155
Application Number:	10874232
Application Number:	10426719
Application Number:	10902131
Application Number:	10792690
Application Number:	10791772
Application Number:	10792718
Application Number:	11023431
Application Number:	10919289
Application Number:	11288097
Application Number:	11399607
Application Number:	09048856
Application Number:	09656762
Application Number:	09653584
Application Number:	09755878
Application Number:	09842913
Application Number:	09657151
Application Number:	09810571
Application Number:	10638804
Application Number:	11175177
Application Number:	11401922
Application Number:	09640645
Application Number:	09790207
Application Number:	09839694
Application Number:	11400675
Application Number:	09631612
Application Number:	09903510
Application Number:	11227276
Application Number:	09975001
Application Number:	09938204
Application Number:	11219170

<b>Property Type</b>	<b>Number</b>
Application Number:	09942034
Application Number:	11222787
Application Number:	12216846
Application Number:	09832311
Application Number:	09922318
Application Number:	09816404
Application Number:	10799622
Application Number:	10001062
Application Number:	10615161
Application Number:	11137088
Application Number:	09982174
Application Number:	11834350
Application Number:	13649882
Application Number:	14713515
Application Number:	15690640
Application Number:	10006681
Application Number:	10105788
Application Number:	11819199
Application Number:	13005909
Application Number:	13493594
Application Number:	15095968
Application Number:	09944755
Application Number:	10830545
Application Number:	11492611
Application Number:	12260710
Application Number:	12949754
Application Number:	09928341
Application Number:	10105916
Application Number:	11807832
Application Number:	10093668
Application Number:	12405966
Application Number:	10133604
Application Number:	10120859
Application Number:	11454062
Application Number:	12397441
Application Number:	10029664
Application Number:	11072044
Application Number:	10087514

<b>Property Type</b>	<b>Number</b>
Application Number:	10301347
Application Number:	10090707
Application Number:	11045719
Application Number:	10255098
Application Number:	10106593
Application Number:	10150241
Application Number:	10198978
Application Number:	10264377
Application Number:	12020943
Application Number:	10305760
Application Number:	10100484
Application Number:	11897715
Application Number:	10199406
Application Number:	10994752
Application Number:	10183347
Application Number:	11322341
Application Number:	10199709
Application Number:	10321842
Application Number:	11715425
Application Number:	12466400
Application Number:	10113337
Application Number:	10186885
Application Number:	10887028
Application Number:	10269765
Application Number:	10289897
Application Number:	12126259
Application Number:	10356000
Application Number:	10993945
Application Number:	10273104
Application Number:	12130086
Application Number:	10346380
Application Number:	10286138
Application Number:	11480971
Application Number:	10295033
Application Number:	11102771
Application Number:	11258994
Application Number:	11655869
Application Number:	12428246

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12428281
<b>Application Number:</b>	12251345
<b>Application Number:</b>	12983034
<b>Application Number:</b>	14465836
<b>Application Number:</b>	10602919
<b>Application Number:</b>	10279370
<b>Application Number:</b>	11190272
<b>Application Number:</b>	12687007
<b>Application Number:</b>	10424456
<b>Application Number:</b>	11515108
<b>Application Number:</b>	11893910
<b>Application Number:</b>	10291743
<b>Application Number:</b>	10405369
<b>Application Number:</b>	10328336
<b>Application Number:</b>	10859415
<b>Application Number:</b>	10630911
<b>Application Number:</b>	10633313
<b>Application Number:</b>	10625723
<b>Application Number:</b>	10411791
<b>Application Number:</b>	11751624
<b>Application Number:</b>	12187922
<b>Application Number:</b>	12361456
<b>Application Number:</b>	12361463
<b>Application Number:</b>	10361014
<b>Application Number:</b>	10617690
<b>Application Number:</b>	10670769
<b>Application Number:</b>	11185790
<b>Application Number:</b>	10743816
<b>Application Number:</b>	10641907
<b>Application Number:</b>	10671880
<b>Application Number:</b>	10408310
<b>Application Number:</b>	10442430
<b>Application Number:</b>	10445815
<b>Application Number:</b>	10682024
<b>Application Number:</b>	10619168
<b>Application Number:</b>	11218789
<b>Application Number:</b>	11491224
<b>Application Number:</b>	11648622

<b>Property Type</b>	<b>Number</b>
Application Number:	10651242
Application Number:	10626614
Application Number:	11372007
Application Number:	12234748
Application Number:	10804617
Application Number:	10655683
Application Number:	11951156
Application Number:	10766849
Application Number:	10808391
Application Number:	10700967
Application Number:	10693788
Application Number:	10752170
Application Number:	10779253
Application Number:	11296030
Application Number:	10700311
Application Number:	10646839
Application Number:	12839540
Application Number:	10684059
Application Number:	10770519
Application Number:	12652319
Application Number:	10878480
Application Number:	10812425
Application Number:	10893989
Application Number:	10731235
Application Number:	13179668
Application Number:	10887334
Application Number:	10802028
Application Number:	11822588
Application Number:	10837400
Application Number:	10842936
Application Number:	10901989
Application Number:	10929372
Application Number:	12256107
Application Number:	10865643
Application Number:	10929602
Application Number:	10857647
Application Number:	11486830
Application Number:	10807469

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	10894117
<b>Application Number:</b>	10939916
<b>Application Number:</b>	15201298
<b>Application Number:</b>	10893545
<b>Application Number:</b>	10998163
<b>Application Number:</b>	10969800
<b>Application Number:</b>	12401795
<b>Application Number:</b>	10960059
<b>Application Number:</b>	12058879
<b>Application Number:</b>	12058888
<b>Application Number:</b>	12183773
<b>Application Number:</b>	12183782
<b>Application Number:</b>	10922225
<b>Application Number:</b>	11705070
<b>Application Number:</b>	10921938
<b>Application Number:</b>	11637692
<b>Application Number:</b>	10996053
<b>Application Number:</b>	11002846
<b>Application Number:</b>	11061055
<b>Application Number:</b>	10922706
<b>Application Number:</b>	11833855
<b>Application Number:</b>	11009053
<b>Application Number:</b>	10845525
<b>Application Number:</b>	10846558
<b>Application Number:</b>	13219987
<b>Application Number:</b>	11035709
<b>Application Number:</b>	11040730
<b>Application Number:</b>	10964631
<b>Application Number:</b>	11012157
<b>Application Number:</b>	12103241
<b>Application Number:</b>	11897432
<b>Application Number:</b>	10892907
<b>Application Number:</b>	11052940
<b>Application Number:</b>	12534209
<b>Application Number:</b>	10846595
<b>Application Number:</b>	11040563
<b>Application Number:</b>	11114523
<b>Application Number:</b>	10898355

<b>Property Type</b>	<b>Number</b>
Application Number:	11063738
Application Number:	10845592
Application Number:	10844589
Application Number:	11657560
Application Number:	11056435
Application Number:	10846559
Application Number:	10846922
Application Number:	12900091
Application Number:	11109875
Application Number:	11074015
Application Number:	10928352
Application Number:	11054775
Application Number:	11061663
Application Number:	11061826
Application Number:	11011188
Application Number:	11061746
Application Number:	11065292
Application Number:	11178449
Application Number:	11213144
Application Number:	11260436
Application Number:	11138282
Application Number:	11180539
Application Number:	11177689
Application Number:	11202147
Application Number:	11129707
Application Number:	12632399
Application Number:	11238928
Application Number:	11194526
Application Number:	11260015
Application Number:	12325325
Application Number:	11196502
Application Number:	11236725
Application Number:	11060423
Application Number:	11178608
Application Number:	11063752
Application Number:	11062742
Application Number:	11285166
Application Number:	11227860



<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11190191
<b>Application Number:</b>	11200353
<b>Application Number:</b>	12475656
<b>Application Number:</b>	11117715
<b>Application Number:</b>	11200354
<b>Application Number:</b>	11296291
<b>Application Number:</b>	11302541
<b>Application Number:</b>	11208247
<b>Application Number:</b>	11203457
<b>Application Number:</b>	12567898
<b>Application Number:</b>	14141417
<b>Application Number:</b>	15176435
<b>Application Number:</b>	11281819
<b>Application Number:</b>	11195870
<b>Application Number:</b>	11312763
<b>Application Number:</b>	11367382
<b>Application Number:</b>	12692898
<b>Application Number:</b>	13919647
<b>Application Number:</b>	11795293
<b>Application Number:</b>	11367701
<b>Application Number:</b>	11369076
<b>Application Number:</b>	11412983
<b>Application Number:</b>	13240326
<b>Application Number:</b>	14265783
<b>Application Number:</b>	11367298
<b>Application Number:</b>	11364986
<b>Application Number:</b>	12397523
<b>Application Number:</b>	11448128
<b>Application Number:</b>	12213318
<b>Application Number:</b>	11258384
<b>Application Number:</b>	11280821
<b>Application Number:</b>	12536163
<b>Application Number:</b>	13099784
<b>Application Number:</b>	11407044
<b>Application Number:</b>	11500993
<b>Application Number:</b>	12419423
<b>Application Number:</b>	11367457
<b>Application Number:</b>	12434820

<b>Property Type</b>	<b>Number</b>
Application Number:	11412989
Application Number:	11444508
Application Number:	11444529
Application Number:	11455639
Application Number:	11368672
Application Number:	11368696
Application Number:	11343217
Application Number:	11367387
Application Number:	11418141
Application Number:	11367703
Application Number:	11451327
Application Number:	12644168
Application Number:	11475137
Application Number:	14248691
Application Number:	15184245
Application Number:	15179154
Application Number:	15598654
Application Number:	11480388
Application Number:	11489613
Application Number:	12485147
Application Number:	11367389
Application Number:	11362733
Application Number:	11474394
Application Number:	11592176
Application Number:	11370505
Application Number:	11543354
Application Number:	11487582
Application Number:	11478620
Application Number:	11369004
Application Number:	11367295
Application Number:	13079056
Application Number:	11482831
Application Number:	11500969
Application Number:	12813994
Application Number:	13209153
Application Number:	13361588
Application Number:	13867425
Application Number:	14258385

<b>Property Type</b>	<b>Number</b>
Application Number:	15173253
Application Number:	15651770
Application Number:	11501197
Application Number:	11508209
Application Number:	13443955
Application Number:	15287074
Application Number:	15670155
Application Number:	11473087
Application Number:	11637988
Application Number:	11371256
Application Number:	11604809
Application Number:	11638243
Application Number:	11602956
Application Number:	13082797
Application Number:	11513523
Application Number:	11622041
Application Number:	11474150
Application Number:	11638369
Application Number:	11604331
Application Number:	11513362
Application Number:	11640847
Application Number:	11649426
Application Number:	11513325
Application Number:	11686433
Application Number:	11263472
Application Number:	08925072
Application Number:	08941107
Application Number:	09310204
Application Number:	09250433
Application Number:	09181648
Application Number:	09115911
Application Number:	09488018
Application Number:	10028442
Application Number:	09334623
Application Number:	10748328
Application Number:	11224999
Application Number:	11334515
Application Number:	11842570

<b>Property Type</b>	<b>Number</b>
Application Number:	11842649
Application Number:	11842683
Application Number:	11842713
Application Number:	11842734
Application Number:	13137354
Application Number:	14036720
Application Number:	09595911
Application Number:	09440704
Application Number:	09458809
Application Number:	09537757
Application Number:	09606434
Application Number:	10453488
Application Number:	11320731
Application Number:	12371401
Application Number:	09039243
Application Number:	09042849
Application Number:	09012546
Application Number:	09017669
Application Number:	08963828
Application Number:	09045043
Application Number:	09082935
Application Number:	09289583
Application Number:	10123205
Application Number:	09227082
Application Number:	10188858
Application Number:	11182826
Application Number:	11828047
Application Number:	11828081
Application Number:	12382821
Application Number:	09763572
Application Number:	10810661
Application Number:	11335899
Application Number:	12388870
Application Number:	12684811
Application Number:	12907945
Application Number:	13431576
Application Number:	13619056
Application Number:	09236581

<b>Property Type</b>	<b>Number</b>
Application Number:	09289579
Application Number:	09375007
Application Number:	09593424
Application Number:	09339199
Application Number:	09560870
Application Number:	09729318
Application Number:	09729092
Application Number:	09803994
Application Number:	09949086
Application Number:	09904833
Application Number:	09994791
Application Number:	09981970
Application Number:	10021083
Application Number:	10028367
Application Number:	10345337
Application Number:	10372171
Application Number:	10634830
Application Number:	10459608
Application Number:	10617227
Application Number:	11482931
Application Number:	10642180
Application Number:	11627901
Application Number:	10386664
Application Number:	10799663
Application Number:	12000014
Application Number:	13353967
Application Number:	10765854
Application Number:	10563943
Application Number:	10814284
Application Number:	10869852
Application Number:	10999076
Application Number:	10999068
Application Number:	10999060
Application Number:	11089351
Application Number:	11885123
Application Number:	11272142
Application Number:	09760883
Application Number:	09722621

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11980623
<b>Application Number:</b>	12232680
<b>Application Number:</b>	13137694
<b>Application Number:</b>	13618018
<b>Application Number:</b>	09697717
<b>Application Number:</b>	09702889
<b>Application Number:</b>	09878335
<b>Application Number:</b>	10860580
<b>Application Number:</b>	09929364
<b>Application Number:</b>	11202061
<b>Application Number:</b>	12218065
<b>Application Number:</b>	09933166
<b>Application Number:</b>	11350848
<b>Application Number:</b>	13325983
<b>Application Number:</b>	14557883
<b>Application Number:</b>	11101469
<b>Application Number:</b>	09998897
<b>Application Number:</b>	10080410
<b>Application Number:</b>	10852204
<b>Application Number:</b>	11717207
<b>Application Number:</b>	12171624
<b>Application Number:</b>	13200345
<b>Application Number:</b>	10033898
<b>Application Number:</b>	10274991
<b>Application Number:</b>	10288484
<b>Application Number:</b>	10202831
<b>Application Number:</b>	10291495
<b>Application Number:</b>	10924992
<b>Application Number:</b>	12167122
<b>Application Number:</b>	10968930
<b>Application Number:</b>	12727145
<b>Application Number:</b>	10948300
<b>Application Number:</b>	11181793
<b>Application Number:</b>	11291931
<b>Application Number:</b>	11302520
<b>Application Number:</b>	11392793
<b>Application Number:</b>	11362162
<b>Application Number:</b>	12766277

<b>Property Type</b>	<b>Number</b>
Application Number:	11386835
Application Number:	12659620
Application Number:	11353742
Application Number:	11387907
Application Number:	11913201
Application Number:	11919439
Application Number:	11514971
Application Number:	11525897
Application Number:	12579115
Application Number:	11633074
Application Number:	11113337
Application Number:	09841037
Application Number:	11705796
Application Number:	12328197
Application Number:	13117892
Application Number:	10370524
Application Number:	10627727
Application Number:	10928102
Application Number:	11056356
Application Number:	11450557
Application Number:	12192953
Application Number:	10807535
Application Number:	13067895
Application Number:	12222520
Application Number:	12090373
Application Number:	12160778
Application Number:	11714166
Application Number:	11763465
Application Number:	12825801
Application Number:	12825836
Application Number:	12825881
Application Number:	12961038
Application Number:	13213626
Application Number:	13473025
Application Number:	11686526
Application Number:	11755878
Application Number:	12840651
Application Number:	11672610

<b>Property Type</b>	<b>Number</b>
Application Number:	11737159
Application Number:	11739273
Application Number:	11727206
Application Number:	11740333
Application Number:	11604311
Application Number:	11740319
Application Number:	11646405
Application Number:	11513524
Application Number:	11641768
Application Number:	11675752
Application Number:	11772841
Application Number:	11670077
Application Number:	11802089
Application Number:	12848553
Application Number:	11785060
Application Number:	11626435
Application Number:	11627482
Application Number:	11700135
Application Number:	11673670
Application Number:	11679261
Application Number:	11748108
Application Number:	11727683
Application Number:	11717789
Application Number:	11850738
Application Number:	11688273
Application Number:	13476118
Application Number:	14244078
Application Number:	14948447
Application Number:	11861390
Application Number:	13972624
Application Number:	15602417
Application Number:	11836943
Application Number:	11857747
Application Number:	11739759
Application Number:	11896477
Application Number:	11861701
Application Number:	12000231
Application Number:	12018532



<b>Property Type</b>	<b>Number</b>
Application Number:	11748097
Application Number:	11870646
Application Number:	11960828
Application Number:	11845840
Application Number:	12004959
Application Number:	12011084
Application Number:	11960866
Application Number:	11962204
Application Number:	11896613
Application Number:	11896614
Application Number:	11896615
Application Number:	11958686
Application Number:	11874277
Application Number:	12045051
Application Number:	12756333
Application Number:	11949907
Application Number:	11871438
Application Number:	13676587
Application Number:	11747413
Application Number:	12021423
Application Number:	11867078
Application Number:	12108025
Application Number:	12282055
Application Number:	11674781
Application Number:	12298382
Application Number:	11698205
Application Number:	12298377
Application Number:	11672107
Application Number:	11626874
Application Number:	11746671
Application Number:	12054408
Application Number:	12136828
Application Number:	12077501
Application Number:	12050972
Application Number:	12230726
Application Number:	12145630
Application Number:	12838915
Application Number:	12055626

<b>Property Type</b>	<b>Number</b>
Application Number:	12059030
Application Number:	12059005
Application Number:	11969826
Application Number:	12594027
Application Number:	12023151
Application Number:	12900554
Application Number:	13773677
Application Number:	12030899
Application Number:	13021101
Application Number:	11874285
Application Number:	12080750
Application Number:	12169682
Application Number:	13182926
Application Number:	12667170
Application Number:	11960772
Application Number:	12103734
Application Number:	13932130
Application Number:	14797653
Application Number:	12200195
Application Number:	12596512
Application Number:	12596517
Application Number:	15403596
Application Number:	15403602
Application Number:	12153221
Application Number:	12127025
Application Number:	12129743
Application Number:	12164894
Application Number:	12170938
Application Number:	13489877
Application Number:	14029548
Application Number:	14501621
Application Number:	14919367
Application Number:	15402433
Application Number:	15446181
Application Number:	12681107
Application Number:	12253475
Application Number:	12034955
Application Number:	12672572

<b>Property Type</b>	<b>Number</b>
Application Number:	12331836
Application Number:	12674131
Application Number:	12078310
Application Number:	12324939
Application Number:	12213912
Application Number:	12078449
Application Number:	12248945
Application Number:	14519332
Application Number:	15245427
Application Number:	15245430
Application Number:	15245433
Application Number:	15245435
Application Number:	12236742
Application Number:	12164215
Application Number:	12792131
Application Number:	12828038
Application Number:	13197398
Application Number:	13732573
Application Number:	12331211
Application Number:	12331501
Application Number:	14093089
Application Number:	15341860
Application Number:	12244826
Application Number:	12270887
Application Number:	12367662
Application Number:	12252422
Application Number:	13868840
Application Number:	14521282
Application Number:	14941666
Application Number:	15287403
Application Number:	12266586
Application Number:	12265756
Application Number:	12183684
Application Number:	12258521
Application Number:	13442049
Application Number:	12258132
Application Number:	12260410
Application Number:	15208886

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12361849
<b>Application Number:</b>	12327847
<b>Application Number:</b>	12327845
<b>Application Number:</b>	12326930
<b>Application Number:</b>	13914717
<b>Application Number:</b>	14306324
<b>Application Number:</b>	15494952
<b>Application Number:</b>	12327834
<b>Application Number:</b>	14300300
<b>Application Number:</b>	12277546
<b>Application Number:</b>	12746881
<b>Application Number:</b>	13914632
<b>Application Number:</b>	15055629
<b>Application Number:</b>	15465964
<b>Application Number:</b>	12418687
<b>Application Number:</b>	12738076
<b>Application Number:</b>	12993920
<b>Application Number:</b>	12477487
<b>Application Number:</b>	12746876
<b>Application Number:</b>	14575902
<b>Application Number:</b>	12365465
<b>Application Number:</b>	14284327
<b>Application Number:</b>	12367560
<b>Application Number:</b>	12704687
<b>Application Number:</b>	13022106
<b>Application Number:</b>	12243068
<b>Application Number:</b>	12233117
<b>Application Number:</b>	12340270
<b>Application Number:</b>	12488197
<b>Application Number:</b>	12740678
<b>Application Number:</b>	12474503
<b>Application Number:</b>	12394087
<b>Application Number:</b>	12430206
<b>Application Number:</b>	12430185
<b>Application Number:</b>	14478020
<b>Application Number:</b>	12426638
<b>Application Number:</b>	13605281
<b>Application Number:</b>	12412013

<b>Property Type</b>	<b>Number</b>
Application Number:	12430151
Application Number:	12428732
Application Number:	12621304
Application Number:	13132426
Application Number:	15383421
Application Number:	12863621
Application Number:	12473459
Application Number:	12620640
Application Number:	12430144
Application Number:	12429231
Application Number:	12863749
Application Number:	12429247
Application Number:	12428698
Application Number:	12491334
Application Number:	12863640
Application Number:	12619019
Application Number:	12863679
Application Number:	13058560
Application Number:	14169301
Application Number:	14842020
Application Number:	12457257
Application Number:	13723312
Application Number:	14811048
Application Number:	15215839
Application Number:	15631298
Application Number:	12621321
Application Number:	12429434
Application Number:	12545958
Application Number:	12608083
Application Number:	12615394
Application Number:	12421733
Application Number:	13459715
Application Number:	14337719
Application Number:	13523672
Application Number:	12619969
Application Number:	12645824
Application Number:	12618998
Application Number:	12622802

<b>Property Type</b>	<b>Number</b>
Application Number:	14057042
Application Number:	12631022
Application Number:	13688754
Application Number:	12622226
Application Number:	12606598
Application Number:	13912594
Application Number:	12636951
Application Number:	13860381
Application Number:	14168606
Application Number:	12770505
Application Number:	12684877
Application Number:	13353520
Application Number:	12615413
Application Number:	12790286
Application Number:	12763857
Application Number:	12684875
Application Number:	13341551
Application Number:	12781239
Application Number:	12766955
Application Number:	12760596
Application Number:	14869111
Application Number:	15203919
Application Number:	12781001
Application Number:	12781042
Application Number:	12785810
Application Number:	12782082
Application Number:	12765227
Application Number:	12759027
Application Number:	13672744
Application Number:	14013493
Application Number:	12777364
Application Number:	14065669
Application Number:	12779801
Application Number:	12783329
Application Number:	12814323
Application Number:	12784118
Application Number:	12796739
Application Number:	12793500

<b>Property Type</b>	<b>Number</b>
Application Number:	12776081
Application Number:	12889471
Application Number:	12778765
Application Number:	12955454
Application Number:	12912896
Application Number:	12952875
Application Number:	12895236
Application Number:	12912555
Application Number:	12912876
Application Number:	14790685
Application Number:	13503779
Application Number:	14283748
Application Number:	12915771
Application Number:	12912842
Application Number:	12908507
Application Number:	12909588
Application Number:	14167707
Application Number:	12898763
Application Number:	13891267
Application Number:	12910977
Application Number:	14176209
Application Number:	12909525
Application Number:	13933720
Application Number:	12912812
Application Number:	12912803
Application Number:	12915875
Application Number:	14643725
Application Number:	12912866
Application Number:	12914915
Application Number:	13072994
Application Number:	13247445
Application Number:	13079076
Application Number:	13083509
Application Number:	13089519
Application Number:	14804668
Application Number:	15142037
Application Number:	15660375
Application Number:	13642582

<b>Property Type</b>	<b>Number</b>
Application Number:	13088207
Application Number:	13091670
Application Number:	14460942
Application Number:	13093667
Application Number:	13088016
Application Number:	13091501
Application Number:	13083669
Application Number:	13091105
Application Number:	13699775
Application Number:	15335570
Application Number:	13158975
Application Number:	13164105
Application Number:	13163060
Application Number:	14642290
Application Number:	13161808
Application Number:	13161727
Application Number:	13307058
Application Number:	14755776
Application Number:	13818052
Application Number:	13819988
Application Number:	13883769
Application Number:	13248458
Application Number:	13251431
Application Number:	13366983
Application Number:	14154993
Application Number:	13299398
Application Number:	14186471
Application Number:	15231317
Application Number:	13301832
Application Number:	13309188
Application Number:	13417716
Application Number:	14874086
Application Number:	13298322
Application Number:	13883773
Application Number:	14023319
Application Number:	13316757
Application Number:	14264295
Application Number:	14009566



<b>Property Type</b>	<b>Number</b>
Application Number:	14588565
Application Number:	15686348
Application Number:	14119043
Application Number:	14127982
Application Number:	15202280
Application Number:	13567762
Application Number:	13566673
Application Number:	13567662
Application Number:	14240799
Application Number:	13757104
Application Number:	13771798
Application Number:	14353860
Application Number:	14373454
Application Number:	14350514
Application Number:	14351160
Application Number:	14356224
Application Number:	14356451
Application Number:	13644645
Application Number:	14719496
Application Number:	13744016
Application Number:	14359397
Application Number:	13871424
Application Number:	14360312
Application Number:	14406139
Application Number:	14377245
Application Number:	14363819
Application Number:	14368590
Application Number:	13870428
Application Number:	14404546
Application Number:	14406897
Application Number:	15497298
Application Number:	14407742
Application Number:	14377302
Application Number:	14416336
Application Number:	14436094
Application Number:	13874535
Application Number:	14416337
Application Number:	14403684

<b>Property Type</b>	<b>Number</b>
Application Number:	14404529
Application Number:	14429995
Application Number:	15596377
Application Number:	14406546
Application Number:	13875767
Application Number:	14340789
Application Number:	14105318
Application Number:	14655207
Application Number:	14439515
Application Number:	14439931
Application Number:	14652530
Application Number:	14786230
Application Number:	14649895
Application Number:	14187488
Application Number:	15161813
Application Number:	14441544
Application Number:	14646335
Application Number:	14651002
Application Number:	14172030
Application Number:	14155511
Application Number:	14651212
Application Number:	14653483
Application Number:	14784796
Application Number:	14908276
Application Number:	14903365
Application Number:	14655654
Application Number:	14242908
Application Number:	14914738
Application Number:	14653709
Application Number:	14891417
Application Number:	14781050
Application Number:	14189121
Application Number:	14895474
Application Number:	14898903
Application Number:	14654852
Application Number:	14786944
Application Number:	14786515
Application Number:	14901406

<b>Property Type</b>	<b>Number</b>
Application Number:	14786678
Application Number:	14785929
Application Number:	14917586
Application Number:	15678265
Application Number:	14904784
Application Number:	14911858
Application Number:	14392198
Application Number:	15035311
Application Number:	14893338
Application Number:	14896848
Application Number:	14892700
Application Number:	15027340
Application Number:	14917613
Application Number:	15103320
Application Number:	15037164
Application Number:	15106894
Application Number:	15326365
Application Number:	15114992
Application Number:	15100725
Application Number:	14603670
Application Number:	15302005
Application Number:	15036593
Application Number:	15036605
Application Number:	15036606
Application Number:	15104699
Application Number:	15323740
Application Number:	15108245
Application Number:	15107979
Application Number:	15101083
Application Number:	14552020
Application Number:	15315735
Application Number:	15306512
Application Number:	15309896
Application Number:	15306513
Application Number:	15309560
Application Number:	15300292
Application Number:	15307110
Application Number:	15307121

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15500286
<b>Application Number:</b>	15328250
<b>Application Number:</b>	15315668
<b>Application Number:</b>	15314561
<b>Application Number:</b>	15322980
<b>Application Number:</b>	15328594
<b>Application Number:</b>	14731275
<b>Application Number:</b>	15504668
<b>Application Number:</b>	15522619
<b>Application Number:</b>	14738099
<b>Application Number:</b>	15311656
<b>Application Number:</b>	15506484
<b>Application Number:</b>	15518059
<b>Application Number:</b>	15507020
<b>Application Number:</b>	15537397
<b>Application Number:</b>	15536676
<b>Application Number:</b>	15525777
<b>Application Number:</b>	15501349
<b>Application Number:</b>	15501383
<b>Application Number:</b>	15533800
<b>Application Number:</b>	15524704
<b>Application Number:</b>	15538830
<b>Application Number:</b>	15533863
<b>Application Number:</b>	15544916
<b>Application Number:</b>	15539243
<b>Application Number:</b>	15539205
<b>Application Number:</b>	15548380
<b>Application Number:</b>	15548368
<b>Application Number:</b>	15538675
<b>Application Number:</b>	15538678
<b>Application Number:</b>	15543219
<b>Application Number:</b>	15520080
<b>Application Number:</b>	15522501
<b>Application Number:</b>	15510160
<b>Application Number:</b>	08238528
<b>Application Number:</b>	11305229
<b>Application Number:</b>	08133221
<b>Application Number:</b>	08260576

<b>Property Type</b>	<b>Number</b>
Application Number:	08315714
Application Number:	08463827
Application Number:	10367730
Application Number:	11936852
Application Number:	12219250
Application Number:	12219251
Application Number:	12219246
Application Number:	08894634
Application Number:	08637101
Application Number:	09479074
Application Number:	09893983
Application Number:	10782779
Application Number:	12401182
Application Number:	08810092
Application Number:	09690999
Application Number:	10347588
Application Number:	08844431
Application Number:	09418822
Application Number:	10773307
Application Number:	11502403
Application Number:	13220051
Application Number:	08944965
Application Number:	08955092
Application Number:	08951293
Application Number:	08996142
Application Number:	09473299
Application Number:	09557221
Application Number:	09814997
Application Number:	10782835
Application Number:	09297359
Application Number:	08959130
Application Number:	08959433
Application Number:	09495002
Application Number:	08986074
Application Number:	09851196
Application Number:	10164614
Application Number:	10435248
Application Number:	10470635

<b>Property Type</b>	<b>Number</b>
Application Number:	11892040
Application Number:	13114145
Application Number:	09019808
Application Number:	09026207
Application Number:	09037124
Application Number:	09904554
Application Number:	10787439
Application Number:	09048176
Application Number:	09063444
Application Number:	09788529
Application Number:	10178745
Application Number:	11011189
Application Number:	11410915
Application Number:	09088838
Application Number:	09547641
Application Number:	09114967
Application Number:	10108643
Application Number:	10367686
Application Number:	09188246
Application Number:	10147871
Application Number:	09493237
Application Number:	10215019
Application Number:	09308578
Application Number:	10268721
Application Number:	09136263
Application Number:	09127959
Application Number:	09130529
Application Number:	09661804
Application Number:	09121886
Application Number:	09810405
Application Number:	10022238
Application Number:	09135727
Application Number:	10725456
Application Number:	11024874
Application Number:	12196640
Application Number:	13022971
Application Number:	13731215
Application Number:	14571536

<b>Property Type</b>	<b>Number</b>
Application Number:	09146347
Application Number:	09626787
Application Number:	09923371
Application Number:	09144696
Application Number:	09986090
Application Number:	09986087
Application Number:	10073010
Application Number:	09090919
Application Number:	10154958
Application Number:	11110691
Application Number:	09199160
Application Number:	10020989
Application Number:	10336780
Application Number:	12021699
Application Number:	13693483
Application Number:	09168921
Application Number:	09886151
Application Number:	10337400
Application Number:	09170773
Application Number:	09817027
Application Number:	10442257
Application Number:	10718551
Application Number:	10960065
Application Number:	09160072
Application Number:	09195900
Application Number:	09791702
Application Number:	10422952
Application Number:	10972448
Application Number:	09261179
Application Number:	09886992
Application Number:	10094710
Application Number:	10256073
Application Number:	10435557
Application Number:	09201757
Application Number:	10210107
Application Number:	09231798
Application Number:	10059340
Application Number:	10617225

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	10861419
<b>Application Number:</b>	09299559
<b>Application Number:</b>	09241614
<b>Application Number:</b>	09984509
<b>Application Number:</b>	09984508
<b>Application Number:</b>	10761335
<b>Application Number:</b>	12120472
<b>Application Number:</b>	09245347
<b>Application Number:</b>	11826412
<b>Application Number:</b>	13428140
<b>Application Number:</b>	14477901
<b>Application Number:</b>	09352360
<b>Application Number:</b>	09332446
<b>Application Number:</b>	09622565
<b>Application Number:</b>	09379471
<b>Application Number:</b>	09290251
<b>Application Number:</b>	09712970
<b>Application Number:</b>	11515833
<b>Application Number:</b>	09352342
<b>Application Number:</b>	09446336
<b>Application Number:</b>	10140122
<b>Application Number:</b>	10463573
<b>Application Number:</b>	10919288
<b>Application Number:</b>	11181927
<b>Application Number:</b>	11589096
<b>Application Number:</b>	09327191
<b>Application Number:</b>	09734164
<b>Application Number:</b>	09793599
<b>Application Number:</b>	10095567
<b>Application Number:</b>	10166089
<b>Application Number:</b>	10419186
<b>Application Number:</b>	10822656
<b>Application Number:</b>	11233056
<b>Application Number:</b>	11492089
<b>Application Number:</b>	09347454
<b>Application Number:</b>	09911806
<b>Application Number:</b>	10109663
<b>Application Number:</b>	11055482



<b>Property Type</b>	<b>Number</b>
Application Number:	11385744
Application Number:	11699421
Application Number:	12289018
Application Number:	09361233
Application Number:	09362041
Application Number:	10976924
Application Number:	12247657
Application Number:	09435781
Application Number:	09378766
Application Number:	09433049
Application Number:	10945905
Application Number:	12235942
Application Number:	09451915
Application Number:	09410056
Application Number:	09554440
Application Number:	09412578
Application Number:	10827338
Application Number:	11325521
Application Number:	11802125
Application Number:	09427628
Application Number:	09436502
Application Number:	10142051
Application Number:	10246413
Application Number:	09484525
Application Number:	10978528
Application Number:	10028424
Application Number:	10615906
Application Number:	10018270
Application Number:	09528491
Application Number:	10939209
Application Number:	10938224
Application Number:	09392564
Application Number:	10959081
Application Number:	09571656
Application Number:	10928242
Application Number:	09399086
Application Number:	09446338
Application Number:	10191551

<b>Property Type</b>	<b>Number</b>
Application Number:	10191113
Application Number:	10191504
Application Number:	10879101
Application Number:	12124229
Application Number:	13192935
Application Number:	13859334
Application Number:	15251089
Application Number:	09659559
Application Number:	10762323
Application Number:	09522366
Application Number:	09757802
Application Number:	09645962
Application Number:	10951561
Application Number:	09520836
Application Number:	10660711
Application Number:	10660710
Application Number:	12845266
Application Number:	13681495
Application Number:	14264243
Application Number:	14661227
Application Number:	15386656
Application Number:	11016161
Application Number:	29162620
Application Number:	29175266
Application Number:	29177002
Application Number:	29185409
Application Number:	29208231
Application Number:	29208223
Application Number:	29218114
Application Number:	29253905
Application Number:	29266559
Application Number:	29276573
Application Number:	29276944
Application Number:	29270029
Application Number:	29280440
Application Number:	29280439
Application Number:	29304376
Application Number:	29351039

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29351033
<b>Application Number:</b>	29344516
<b>Application Number:</b>	29344523
<b>Application Number:</b>	29366709
<b>Application Number:</b>	29375488
<b>Application Number:</b>	29375489
<b>Application Number:</b>	29375490
<b>Application Number:</b>	29375487
<b>Application Number:</b>	29380282
<b>Application Number:</b>	29380278
<b>Application Number:</b>	29380273
<b>Application Number:</b>	29380259
<b>Application Number:</b>	29380269
<b>Application Number:</b>	29412897
<b>Application Number:</b>	29412898
<b>Application Number:</b>	29425243
<b>Application Number:</b>	29414914
<b>Application Number:</b>	29425246
<b>Application Number:</b>	29425248
<b>Application Number:</b>	29425249
<b>Application Number:</b>	29451790
<b>Application Number:</b>	29467778
<b>Application Number:</b>	29492312
<b>Application Number:</b>	29479430
<b>Application Number:</b>	29495971
<b>Application Number:</b>	29499468
<b>Application Number:</b>	29554591
<b>Application Number:</b>	29554596
<b>Application Number:</b>	29534218
<b>Application Number:</b>	29534215
<b>Application Number:</b>	29534210
<b>Application Number:</b>	29534209
<b>Application Number:</b>	29584822
<b>Application Number:</b>	29601539
<b>Application Number:</b>	29601568
<b>Application Number:</b>	29607682
<b>Application Number:</b>	29607678
<b>Application Number:</b>	09616028

<b>Property Type</b>	<b>Number</b>
Application Number:	09791857
Application Number:	09797723
Application Number:	11221810
Application Number:	10332573
Application Number:	09930207
Application Number:	11293122
Application Number:	09796612
Application Number:	09798993
Application Number:	09917828
Application Number:	09793902
Application Number:	09795110
Application Number:	10094980
Application Number:	10076664
Application Number:	09917829
Application Number:	09942782
Application Number:	11410023
Application Number:	09940548
Application Number:	10274970
Application Number:	09942717
Application Number:	10082088
Application Number:	10283140
Application Number:	11526620
Application Number:	10200286
Application Number:	10207953
Application Number:	10217465
Application Number:	10180492
Application Number:	10206047
Application Number:	10206034
Application Number:	10337310
Application Number:	10222583
Application Number:	10961029
Application Number:	11396611
Application Number:	10340748
Application Number:	10230100
Application Number:	11190849
Application Number:	10372269
Application Number:	10648289
Application Number:	10506428

<b>Property Type</b>	<b>Number</b>
Application Number:	11931908
Application Number:	11931978
Application Number:	11932071
Application Number:	11932110
Application Number:	13152763
Application Number:	13207795
Application Number:	13207812
Application Number:	13207823
Application Number:	13207842
Application Number:	13551810
Application Number:	14487333
Application Number:	10366480
Application Number:	10600652
Application Number:	10773365
Application Number:	10649725
Application Number:	11583849
Application Number:	10641111
Application Number:	10785051
Application Number:	10641060
Application Number:	10649702
Application Number:	10646706
Application Number:	11076952
Application Number:	11797247
Application Number:	10785052
Application Number:	10724149
Application Number:	11501745
Application Number:	10788377
Application Number:	12267056
Application Number:	10866722
Application Number:	11546318
Application Number:	10869871
Application Number:	10772438
Application Number:	12175418
Application Number:	11046745
Application Number:	11017135
Application Number:	11066169
Application Number:	14295525
Application Number:	14551114

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14624889
<b>Application Number:</b>	14796413
<b>Application Number:</b>	14796505
<b>Application Number:</b>	14796573
<b>Application Number:</b>	14796650
<b>Application Number:</b>	15087752
<b>Application Number:</b>	15088218
<b>Application Number:</b>	15087937
<b>Application Number:</b>	15088074
<b>Application Number:</b>	15221893
<b>Application Number:</b>	10928284
<b>Application Number:</b>	11062852
<b>Application Number:</b>	11063591
<b>Application Number:</b>	11068916
<b>Application Number:</b>	10928196
<b>Application Number:</b>	11410960
<b>Application Number:</b>	11659817
<b>Application Number:</b>	11630152
<b>Application Number:</b>	11201249
<b>Application Number:</b>	11794673
<b>Application Number:</b>	12929655
<b>Application Number:</b>	11918042
<b>Application Number:</b>	12662304
<b>Application Number:</b>	11211697
<b>Application Number:</b>	11727038
<b>Application Number:</b>	12176727
<b>Application Number:</b>	11335633
<b>Application Number:</b>	11208658
<b>Application Number:</b>	11723691
<b>Application Number:</b>	11214857
<b>Application Number:</b>	11208632
<b>Application Number:</b>	11367569
<b>Application Number:</b>	11329153
<b>Application Number:</b>	11214949
<b>Application Number:</b>	11208558
<b>Application Number:</b>	11350722
<b>Application Number:</b>	11455191
<b>Application Number:</b>	11513361

<b>Property Type</b>	<b>Number</b>
Application Number:	11797749
Application Number:	12518174
Application Number:	12140624
Application Number:	12247366
Application Number:	12222774
Application Number:	12028041
Application Number:	12271016
Application Number:	12502552
Application Number:	12388780
Application Number:	13056401
Application Number:	12604515
Application Number:	12695258
Application Number:	12854357
Application Number:	12895005
Application Number:	12963342
Application Number:	12961639
Application Number:	13094856
Application Number:	13988819
Application Number:	15653793
Application Number:	13338104
Application Number:	13523324
Application Number:	14190132
Application Number:	14913986
Application Number:	08950666
Application Number:	09019177
Application Number:	09134579
Application Number:	09503111
Application Number:	09330981
Application Number:	09380784
Application Number:	11826560
Application Number:	14291115
Application Number:	09720327
Application Number:	09267595
Application Number:	09663206
Application Number:	10949364
Application Number:	09456300
Application Number:	11288177
Application Number:	09511155

<b>Property Type</b>	<b>Number</b>
Application Number:	09506809
Application Number:	10140952
Application Number:	09675211
Application Number:	09613634
Application Number:	10173423
Application Number:	10428755
Application Number:	10834107
Application Number:	09658485
Application Number:	09987816
Application Number:	10001981
Application Number:	09659551
Application Number:	10013607
Application Number:	09795112
Application Number:	10347365
Application Number:	09796563
Application Number:	09796449
Application Number:	10307964
Application Number:	09950356
Application Number:	09949823
Application Number:	09796648
Application Number:	10631767
Application Number:	09796450
Application Number:	09978554
Application Number:	10105298
Application Number:	10196145
Application Number:	10482681
Application Number:	10081228
Application Number:	10356503
Application Number:	10361845
Application Number:	10360713
Application Number:	10372811
Application Number:	10411217
Application Number:	10506527
Application Number:	10506503
Application Number:	10506515
Application Number:	10613055
Application Number:	10620206
Application Number:	10406379



<b>Property Type</b>	<b>Number</b>
Application Number:	10620603
Application Number:	10686707
Application Number:	10414152
Application Number:	10756457
Application Number:	10724778
Application Number:	10890262
Application Number:	10801687
Application Number:	10776231
Application Number:	10651254
Application Number:	12698846
Application Number:	10796049
Application Number:	10654610
Application Number:	10747267
Application Number:	10796045
Application Number:	11012118
Application Number:	11012354
Application Number:	11051290
Application Number:	10862875
Application Number:	11011161
Application Number:	10873176
Application Number:	10847665
Application Number:	11147246
Application Number:	10942935
Application Number:	11185694
Application Number:	11296689
Application Number:	11154818
Application Number:	11313829
Application Number:	11367388
Application Number:	11654052
Application Number:	11688616
Application Number:	12044128
Application Number:	12331563
Application Number:	12422371
Application Number:	13005695
Application Number:	08961421
Application Number:	08997487
Application Number:	09010185
Application Number:	09557161

<b>Property Type</b>	<b>Number</b>
Application Number:	09016799
Application Number:	09227740
Application Number:	10062503
Application Number:	10642644
Application Number:	09276113
Application Number:	09337530
Application Number:	09205620
Application Number:	09212309
Application Number:	09391491
Application Number:	09647449
Application Number:	09492081
Application Number:	09254882
Application Number:	09968512
Application Number:	09453578
Application Number:	09332895
Application Number:	09299746
Application Number:	09299572
Application Number:	09361226
Application Number:	09440286
Application Number:	09489025
Application Number:	09388770
Application Number:	09643759
Application Number:	09493807
Application Number:	09712146
Application Number:	09651098
Application Number:	09589066
Application Number:	09590539
Application Number:	15305509
Application Number:	29555817
Application Number:	10330289
Application Number:	10670209
Application Number:	10895352
Application Number:	10985926
Application Number:	12176134
Application Number:	10383547
Application Number:	10721458
Application Number:	12216775
Application Number:	12805758

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	10863339
<b>Application Number:</b>	10886655
<b>Application Number:</b>	10941866
<b>Application Number:</b>	10947322
<b>Application Number:</b>	11197509
<b>Application Number:</b>	11183776
<b>Application Number:</b>	11252804
<b>Application Number:</b>	12510350
<b>Application Number:</b>	11332261
<b>Application Number:</b>	11405436
<b>Application Number:</b>	11455807
<b>Application Number:</b>	12155443
<b>Application Number:</b>	11511302
<b>Application Number:</b>	11519144
<b>Application Number:</b>	11637088
<b>Application Number:</b>	11701375
<b>Application Number:</b>	11882528
<b>Application Number:</b>	11729826
<b>Application Number:</b>	12232801
<b>Application Number:</b>	12067281
<b>Application Number:</b>	11878545
<b>Application Number:</b>	11984979
<b>Application Number:</b>	12373026
<b>Application Number:</b>	11984803
<b>Application Number:</b>	12520355
<b>Application Number:</b>	11979720
<b>Application Number:</b>	12662173
<b>Application Number:</b>	12656059
<b>Application Number:</b>	12891239
<b>Application Number:</b>	13043217
<b>Application Number:</b>	13331036
<b>Application Number:</b>	13331084
<b>Application Number:</b>	13585431
<b>Application Number:</b>	12071560
<b>Application Number:</b>	11955114
<b>Application Number:</b>	12142055
<b>Application Number:</b>	12129486
<b>Application Number:</b>	12219761

<b>Property Type</b>	<b>Number</b>
Application Number:	09041768
Application Number:	09768310
Application Number:	09946757
Application Number:	10086723
Application Number:	09614191
Application Number:	12286287
Application Number:	12937073
Application Number:	12379797
Application Number:	12457385
Application Number:	13055571
Application Number:	12560089
Application Number:	13058418
Application Number:	13002235
Application Number:	12913911
Application Number:	13768731
Application Number:	13926482
Application Number:	14572389
Application Number:	14885376
Application Number:	14521886
Application Number:	14819100
Application Number:	10532382
Application Number:	11639096
Application Number:	11788307
Application Number:	14237483
Application Number:	14371944
Application Number:	14375968
Application Number:	15139646
Application Number:	15337492
Application Number:	15459702
Application Number:	14780972
Application Number:	15022117
Application Number:	15104050
Application Number:	15320234
Application Number:	15498815
Application Number:	15319892
Application Number:	09134666

**CORRESPONDENCE DATA**

**Fax Number:**

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

**Email:** nnsouli@mayerbrown.com, msherlock@mayerbrown.com,  
ipdocket@mayerbrown.com

**Correspondent Name:** NADEEN NSOULI

**Address Line 1:** 71 SOUTH WACKER DRIVE

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

<b>ATTORNEY DOCKET NUMBER:</b>	16509403
<b>NAME OF SUBMITTER:</b>	CLINTON H. BRANNON
<b>SIGNATURE:</b>	/Clinton H. Brannon/
<b>DATE SIGNED:</b>	01/25/2018

**Total Attachments: 94**

source=Assignment#page1.tif  
source=Assignment#page2.tif  
source=Assignment#page3.tif  
source=Assignment#page4.tif  
source=Assignment#page5.tif  
source=Assignment#page6.tif  
source=Assignment#page7.tif  
source=Assignment#page8.tif  
source=Assignment#page9.tif  
source=Assignment#page10.tif  
source=Assignment#page11.tif  
source=Assignment#page12.tif  
source=Assignment#page13.tif  
source=Assignment#page14.tif  
source=Assignment#page15.tif  
source=Assignment#page16.tif  
source=Assignment#page17.tif  
source=Assignment#page18.tif  
source=Assignment#page19.tif  
source=Assignment#page20.tif  
source=Assignment#page21.tif  
source=Assignment#page22.tif  
source=Assignment#page23.tif  
source=Assignment#page24.tif  
source=Assignment#page25.tif  
source=Assignment#page26.tif  
source=Assignment#page27.tif  
source=Assignment#page28.tif  
source=Assignment#page29.tif  
source=Assignment#page30.tif  
source=Assignment#page31.tif  
source=Assignment#page32.tif  
source=Assignment#page33.tif

source=Assignment#page34.tif  
source=Assignment#page35.tif  
source=Assignment#page36.tif  
source=Assignment#page37.tif  
source=Assignment#page38.tif  
source=Assignment#page39.tif  
source=Assignment#page40.tif  
source=Assignment#page41.tif  
source=Assignment#page42.tif  
source=Assignment#page43.tif  
source=Assignment#page44.tif  
source=Assignment#page45.tif  
source=Assignment#page46.tif  
source=Assignment#page47.tif  
source=Assignment#page48.tif  
source=Assignment#page49.tif  
source=Assignment#page50.tif  
source=Assignment#page51.tif  
source=Assignment#page52.tif  
source=Assignment#page53.tif  
source=Assignment#page54.tif  
source=Assignment#page55.tif  
source=Assignment#page56.tif  
source=Assignment#page57.tif  
source=Assignment#page58.tif  
source=Assignment#page59.tif  
source=Assignment#page60.tif  
source=Assignment#page61.tif  
source=Assignment#page62.tif  
source=Assignment#page63.tif  
source=Assignment#page64.tif  
source=Assignment#page65.tif  
source=Assignment#page66.tif  
source=Assignment#page67.tif  
source=Assignment#page68.tif  
source=Assignment#page69.tif  
source=Assignment#page70.tif  
source=Assignment#page71.tif  
source=Assignment#page72.tif  
source=Assignment#page73.tif  
source=Assignment#page74.tif  
source=Assignment#page75.tif  
source=Assignment#page76.tif  
source=Assignment#page77.tif  
source=Assignment#page78.tif  
source=Assignment#page79.tif  
source=Assignment#page80.tif  
source=Assignment#page81.tif

source=Assignment#page82.tif  
source=Assignment#page83.tif  
source=Assignment#page84.tif  
source=Assignment#page85.tif  
source=Assignment#page86.tif  
source=Assignment#page87.tif  
source=Assignment#page88.tif  
source=Assignment#page89.tif  
source=Assignment#page90.tif  
source=Assignment#page91.tif  
source=Assignment#page92.tif  
source=Assignment#page93.tif  
source=Assignment#page94.tif

## PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement ("Patent Assignment") is effective as of October 1, 2017 ("Effective Date") by and between Hitachi Maxell, Ltd., a Japanese corporation with its principal place of business at 1-1-88, Ushitora, Ibaraki City, Osaka, Japan ("Assignor") and Maxell, Ltd., a Japanese corporation with its principal place of business at 1 Koizumi, Oyamazaki, Oyamazaki-cho, Otokuni-gun, Kyoto, Japan ("Assignee"), in connection with the transfer of certain assets of Assignor to Assignee pursuant to an Absorption-Type Split Agreement on April 27, 2017 ("Absorption Agreement").

WHEREAS, under the terms of the Absorption Agreement, Assignor has assigned, transferred, conveyed and delivered to Assignee, among other assets, certain patents and patent applications ("Assigned Patents") (a list of patents and/or patent applications is attached hereto as Attachment A).

WHEREAS, consistent with the terms of the Absorption Agreement, Assignor now has agreed to execute and deliver this Patent Assignment.

WHEREAS, Assignee wishes to obtain all of Assignor's right, title and interest in and to the Assigned Patents.

NOW THEREFORE, Assignor and Assignee agree as follows:

1. Assignor, Hitachi Maxell, Ltd., does hereby in its own name and while still in existence, irrevocably transfer, assign and deliver, unto Assignee, and Assignee hereby accepts, all of Assignor's worldwide rights, title, and interest in and to the inventions that are the subject of the Assigned Patents and all of the rights and obligations relating thereto, including without limitation all patents and patent applications arising from all divisions, continuations, reissues and reexamination certificates and extensions thereof and any patents or patent applications which form a basis for priority of any of the Assigned Patents (including those already withdrawn or abandoned), and all income, royalties, and damages now and hereafter due and/or payable with respect thereto (including without limitation, any payments for past, present and future infringements and misappropriations thereof), whether known or unknown, all rights to sue for past, present and future infringements and misappropriations thereof and damages resulting therefrom.

2. This Patent Assignment and the legal relations between the parties hereto shall be governed by, and construed in accordance with, the laws of Japan, without regard to the conflict of laws rules thereof.



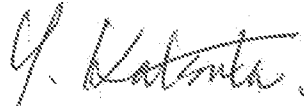
3. For the avoidance of doubt, Assignor and Assignee acknowledge and agree that the Effective Date hereof shall be while Hitachi Maxell, Ltd. remains in existence consistent with the parties' intent and the terms of the Absorption Agreement.

4. This Patent Assignment may be executed in several counterparts, each of which shall be deemed to be an original, and all of which together shall be deemed to be one and the same instrument. Signed counterparts of this Patent Assignment may be delivered by scanned .pdf image, each of which shall have the same force and effect as an original signed counterpart; provided, that, after a request by either party hereto for such original signed counterpart, each party hereto uses commercially reasonable efforts to deliver to each other party hereto original signed counterparts as soon as possible thereafter.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Patent Assignment to be executed by their duly authorized officers on the date first above written.

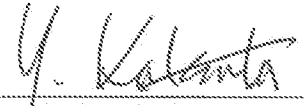
HITACHI MAXELL, LTD. ("ASSIGNOR")

By:

  
[Name] Yoshiharu Katsuta  
[Title] Representative Director

ACCEPTED  
MAXELL, LTD. ("ASSIGNEE")

By:

  
[Name] Yoshiharu Katsuta  
[Title] Representative Director

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
110000768	US01	110000768US01	Patent	US	09/811603	6560092	
110001665	US01	110001665US01	Patent	US	09/970706	06538382	
110002166	JP01	110002166JP01	Patent	JP	2001-014684	04913948	
110002166	JP02	110002166JP02	Patent	JP	2011-220985	05546520	
110002402	US01	110002402US01	Patent	US	09/942799	06784891	
110002402	US02	110002402US02	Patent	US	10/916454	06992676	
110002402	JP01	110002402JP01	Patent	JP	2001-053539	03852024	
110002402	KR01	110002402KR01	Patent	KR	10-2001-0053295	10-0427734	
110002402	TW01	110002402TW01	Patent	TW	90121476	175935	
110100819	US01	110100819US01	Patent	US	10/073099	6816134	
110100819	US02	110100819US02	Patent	US	10/196267	6831413	
110300984	US01	110300984US01	Patent	US	10/920351	07198390	
110300984	CN01	110300984CN01	Patent	CN	200410057413.X	ZL200410057413.X	
110300984	GB01	110300984GB01	Patent	GB	0418273.9	GB2406093	
110300984	JP01	110300984JP01	Patent	JP	2003-294228	04081416	
110301148	CN01	110301148CN01	Patent	CN	200410071343.3	ZL200410071343.3	
110301148	CN02	110301148CN02	Patent	CN	200710002121.X	ZL200710002121.X	
110301148	HK01	110301148HK01	Patent	HK	05107347.0	HK1075133	
110301148	HK02	110301148HK02	Patent	HK	07110455.0	HK1105247	
110301953	JP01	110301953JP01	Patent	JP	2004-011289	04529451	
110401477	US01	110401477US01	Patent	US	11/193945	07435482	
110401477	CN01	110401477CN01	Patent	CN	200510086050.7	ZL200510086050.7	
110402012	JP01	110402012JP01	Patent	JP	2005-184252	04701863	
110501432	US01	110501432US01	Patent	US	11/510563	7616380	
110501432	CN01	110501432CN01	Patent	CN	200610126218.7	ZL200610126218.7	
110501432	DE01	110501432DE01	Patent	DE	602006050820.4	201601760497	
110501432	GB01	110501432GB01	Patent	GB	06017835.7	01760497	
110501432	JP01	110501432JP01	Patent	JP	2005-254303	04760237	
110502029	JP01	110502029JP01	Patent	JP	2006-027838	04682858	
110502030	JP01	110502030JP01	Patent	JP	2006-027839	04682859	
110600371	JP01	110600371JP01	Patent	JP	2006-089836	04811081	
110600995	JP01	110600995JP01	Patent	JP	2006-111505	04685692	
110650310	JP01	110650310JP01	Patent	JP	2007-017823	04758921	
110750530	JP01	110750530JP01	Patent	JP	2007-148814	04922840	
110750535	US01	110750535US01	Patent	US	12/120685	7651249	
110750535	CN01	110750535CN01	Patent	CN	200810096229.4	ZL200810096229.4	
110750535	JP01	110750535JP01	Patent	JP	2007-129105	04516582	
110750569	JP01	110750569JP01	Patent	JP	2007-335515	05017085	
110750621	JP01	110750621JP01	Patent	JP	2007-158317	05033497	
110750786	US01	110750786US01	Patent	US	12/254852	8547502	
110750786	CN01	110750786CN01	Patent	CN	200810170094.1	ZL200810170094.1	
110750786	JP01	110750786JP01	Patent	JP	2007-274622	05405731	
110751011	US01	110751011US01	Patent	US	12/191380	7855760	
110751011	CN01	110751011CN01	Patent	CN	200810145936.8	ZL200810145936.8	
110751011	JP01	110751011JP01	Patent	JP	2007-232933	04422748	
110751011	KR01	110751011KR01	Patent	KR	10-2008-0080530	10-0982444	
110751037	US01	110751037US01	Patent	US	12/430153	8240166	
110751037	CN01	110751037CN01	Patent	CN	200910135101.9	ZL200910135101.9	
110751037	JP01	110751037JP01	Patent	JP	2008-116563	04625851	
110751244	KR01	110751244KR01	Patent	KR	10-2008-0005687	10-0895391	
110751302	JP01	110751302JP01	Patent	JP	2007-268401	04997059	
110751550	JP01	110751550JP01	Patent	JP	2007-267566	05028209	
110751622	US01	110751622US01	Patent	US	12/328955	8153903	
110751622	JP01	110751622JP01	Patent	JP	2007-316553	04857253	
110751622	KR01	110751622KR01	Patent	KR	10-2008-0122436	10-1039086	
110751626	US01	110751626US01	Patent	US	12/329153	7843525	
110751626	CN01	110751626CN01	Patent	CN	200810178761.0	ZL200810178761.0	
110751626	JP01	110751626JP01	Patent	JP	2007-317028	04876063	
110751685	US01	110751685US01	Patent	US	12/350351	8432333	
110751685	CN01	110751685CN01	Patent	CN	200810190332.5	ZL200810190332.5	
110751685	JP01	110751685JP01	Patent	JP	2008-001751	05055139	
110850842	JP01	110850842JP01	Patent	JP	2008-167546	05185709	
110851001	US01	110851001US01	Patent	US	12/542025	8259257	
110851001	CN01	110851001CN01	Patent	CN	200910165966.X	ZL200910165966.X	
110851001	JP01	110851001JP01	Patent	JP	2008-234161	04857320	
110851134	JP01	110851134JP01	Patent	JP	2008-238803	04726937	
110851332	US01	110851332US01	Patent	US	12/542003	8350980	
110851332	CN01	110851332CN01	Patent	CN	200910165969.3	ZL200910165969.3	
110851332	JP01	110851332JP01	Patent	JP	2008-238802	04627796	
110851386	US01	110851386US01	Patent	US	12/649398	8320119	
110851386	JP01	110851386JP01	Patent	JP	2009-002115	05216602	
110851396	US01	110851396US01	Patent	US	12/541998	8411222	
110851396	CN01	110851396CN01	Patent	CN	200910165967.4	ZL200910165967.4	
110851396	JP01	110851396JP01	Patent	JP	2008-240167	04713622	
110851894	JP01	110851894JP01	Patent	JP	2009-044560	05281923	
110951368	US01	110951368US01	Patent	US	12/782183	8350989	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
110951368	CN01	110951368CN01	Patent	CN	201010254480.6	ZL201010254480.6	
110951368	EP01	110951368EP01	Patent	EP	10007748.6		
110951368	JP01	110951368JP01	Patent	JP	2009-209926	05286206	
111051998	JP01	111051998JP01	Patent	JP	2011-116848	05685692	
111151830	JP01	111151830JP01	Patent	JP	2012-042695	05898526	
111250565	CN01	111250565CN01	Utility	CN	U201320088121.7	UZL201320088121.7	
111250565	JP01	111250565JP01	Patent	JP	2012-189426		
111401403	JP01	111401403JP01	Patent	JP	2014-169118		
111502708	JP01	111502708JP01	Patent	JP	2016-012942		
111502708	WO01	111502708WO01	Patent	WO	PCT/JP2016/082493		
119101058	US02	119101058US02	Patent	US	08/470449	05502497	
119502880	US01	119502880US01	Patent	US	08/791511	05936609	
119702693	JP01	119702693JP01	Patent	JP	H09-356643	03598790	
119801703	US01	119801703US01	Patent	US	09/743495	06650472	
119801703	US02	119801703US02	Patent	US	10/642225	06844968	
119801703	US03	119801703US03	Patent	US	10/669052	06943947	
119801703	US04	119801703US04	Patent	US	11/222777	07173760	
119801703	US05	119801703US05	Patent	US	11/702537	07391568	
119801703	JP01	119801703JP01	Patent	JP	H10-195736	03822361	
119801703	JP02	119801703JP02	Patent	JP	2003-337171	04249584	
119801703	KR01	119801703KR01	Patent	KR	10-2001-7000410	10-0450543	
119801703	KR02	119801703KR02	Patent	KR	10-2004-7007883	10-0452662	
119900651	JP01	119900651JP01	Patent	JP	H11-214894	04627338	
15000603	JP01	15000603JP01	Patent	JP	2000-331824	04214543	
150100568	US01	150100568US01	Patent	US	10/239155	06757169	
150100568	US02	150100568US02	Patent	US	10/874232	06885556	
150100568	CN01	150100568CN01	Patent	CN	02800144.3	ZL02800144.3	
150100568	CN02	150100568CN02	Patent	CN	200410035360.1	ZL200410035360.1	
150100568	JP01	150100568JP01	Patent	JP	2001-266654	03636118	
150100568	TW01	150100568TW01	Patent	TW	091116174	I310297	
150100568	TW02	150100568TW02	Patent	TW	94116558	I254608	
150100681	JP01	150100681JP01	Patent	JP	2001-317573	03716775	
150100681	JP02	150100681JP02	Patent	JP	2005-203793	03755534	
150100682	JP01	150100682JP01	Patent	JP	2001-317572	03698087	
150100738	JP01	150100738JP01	Patent	JP	2001-317571	03698086	
150200036	US01	150200036US01	Patent	US	10/426719	06808014	
150200036	CN01	150200036CN01	Patent	CN	03124302.9	ZL03124302.9	
150200036	JP01	150200036JP01	Patent	JP	2002-204977	04151328	
150200036	TW01	150200036TW01	Patent	TW	92101852	I88817	
150200894	CN01	150200894CN01	Patent	CN	200410033352.3	ZL200410033352.3	
150200894	GB01	150200894GB01	Patent	GB	0407488.6	GB2403025	
150200894	JP01	150200894JP01	Patent	JP	2003-176652	04262535	
150300459	US01	150300459US01	Patent	US	10/902131	07136137	
150300459	CN01	150300459CN01	Patent	CN	200410058683.2	ZL200410058683.2	
150300459	GB01	150300459GB01	Patent	GB	0416292.1	GB2405521	
150300459	JP01	150300459JP01	Patent	JP	2003-300165	04359105	
150300558	US01	150300558US01	Patent	US	10/792690	07044198	
150300558	CN01	150300558CN01	Patent	CN	200410007765.4	ZL200410007765.4	
150300558	DE01	150300558DE01	Patent	DE	602004027341.4	I538884	
150300558	KR01	150300558KR01	Patent	KR	10-2004-0014159	10-0612810	
150300558	TW01	150300558TW01	Patent	TW	93104461	I255025	
150300695	US01	150300695US01	Patent	US	10/791772	07113404	
150300695	CN01	150300695CN01	Patent	CN	200410007767.3	ZL200410007767.3	
150300695	DE01	150300695DE01	Patent	DE	602004024636.0	I528849	
150300695	KR01	150300695KR01	Patent	KR	10-2004-0014479	10-0610734	
150300695	TW01	150300695TW01	Patent	TW	93105590	I265772	
150400059	US01	150400059US01	Patent	US	10/792718	07149084	
150400059	CN01	150400059CN01	Patent	CN	200410007772.4	ZL200410007772.4	
150400059	TW01	150400059TW01	Patent	TW	93104963	I239442	
150400064	US01	150400064US01	Patent	US	11/023431	7624789	
150400064	CN01	150400064CN01	Patent	CN	200410104838.1	ZL200410104838.1	
150400064	DE01	150400064DE01	Patent	DE	602004030756.4	I564626	
150400064	JP01	150400064JP01	Patent	JP	2004-038180	04234621	
150400064	KR01	150400064KR01	Patent	KR	10-2004-0114552	10-0618482	
150400064	TW01	150400064TW01	Patent	TW	93134706	I272892	
150400169	US01	150400169US01	Patent	US	10/919289	07210789	
150400169	CN01	150400169CN01	Patent	CN	200410057616.9	ZL200410057616.9	
150400169	GB01	150400169GB01	Patent	GB	0418475.0	GB2412476	
150400169	JP01	150400169JP01	Patent	JP	2004-090804	04492174	
150400404	CN01	150400404CN01	Patent	CN	20058000665.1	ZL20058000665.1	
150400404	DE01	150400404DE01	Patent	DE	602005035143.4	I762892	
150400404	FR01	150400404FR01	Patent	FR	05765354.5	I762892	
150400404	GB01	150400404GB01	Patent	GB	05765354.5	I762892	
150400404	JP01	150400404JP01	Patent	JP	2004-193183	04015647	
150400404	KR01	150400404KR01	Patent	KR	10-2006-7002763	10-0802725	
150400404	TW01	150400404TW01	Patent	TW	094121901	I313388	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
15050009	US01	15050009US01	Patent	US	11/288097	7980294	
15050009	CN01	15050009CN01	Patent	CN	200510127029.7	ZL200510127029.7	
15050009	JP01	15050009JP01	Patent	JP	2005-048293	04381998	
15050009	TW01	15050009TW01	Patent	TW	094135520	I307831	
150500109	US01	150500109US01	Patent	US	11/399607	7525191	
150500109	CN01	150500109CN01	Patent	CN	200610072538.9	ZL200610072538.9	
150500109	TW01	150500109TW01	Patent	TW	95107582	I303113	
150500768	JP01	150500768JP01	Patent	JP	2005-331846	04717603	
159700300	US01	159700300US01	Patent	US	09/048856	06122177	
159700300	US02	159700300US02	Patent	US	09/656762	6448646	
159900749	US01	159900749US01	Patent	US	09/653584	6430042	
159900749	TW01	159900749TW01	Patent	TW	89117274	142481	
21000009	US01	21000009US01	Patent	US	09/755878	06928306	
21000009	JP01	21000009JP01	Patent	JP	2000-005858	04167785	
21000009	JP02	21000009JP02	Patent	JP	2006-066902	04600321	
21000015	JP01	21000015JP01	Patent	JP	2000-159539	03770054	
21000040	JP02	21000040JP02	Patent	JP	2006-230322	04077490	
21000062	US01	21000062US01	Patent	US	09/842913	06983140	
21000078	US01	21000078US01	Patent	US	09/657151	6329794	
21000092	JP01	21000092JP01	Patent	JP	2000-067120	03703361	
21000093	US01	21000093US01	Patent	US	09/810571	6626540	
21000093	US02	21000093US02	Patent	US	10/638804	06926411	
21000093	US03	21000093US03	Patent	US	11/175177	07044607	
21000093	US04	21000093US04	Patent	US	11/401922	7553024	
21000093	DE01	21000093DE01	Patent	DE	60135889.9	01143744	
21000093	FR01	21000093FR01	Patent	FR	01302522.6	01143744	
21000093	GB01	21000093GB01	Patent	GB	01302522.6	01143744	
21000093	JP01	21000093JP01	Patent	JP	2000-081774	04287567	
21000093	JP02	21000093JP02	Patent	JP	2006-004545	04855779	
21000094	JP02	21000094JP02	Patent	JP	2006-165468	04305470	
21000106	US01	21000106US01	Patent	US	09/640645	6850694	
21000106	JP01	21000106JP01	Patent	JP	2000-196260	03740957	
21000117	JP01	21000117JP01	Patent	JP	2000-144593	04527845	
21000121	JP01	21000121JP01	Patent	JP	2000-065681	03895090	
21000121	JP02	21000121JP02	Patent	JP	2006-278236	04254839	
21000155	JP01	21000155JP01	Patent	JP	2000-318192	03982987	
21000168	JP01	21000168JP01	Patent	JP	2000-070990	03829574	
21000174	JP01	21000174JP01	Patent	JP	2000-101170	03842950	
21000174	JP02	21000174JP02	Patent	JP	2006-122866	04023511	
21000186	JP01	21000186JP01	Patent	JP	2000-174214	03504583	
21000239	JP01	21000239JP01	Patent	JP	2000-240358	04496621	
21000343	JP01	21000343JP01	Patent	JP	2000-171996	03973345	
21000343	JP02	21000343JP02	Patent	JP	2007-106660	04324620	
21000369	US01	21000369US01	Patent	US	09/790207	07263189	
21000369	CN01	21000369CN01	Patent	CN	01116229.5	ZL01116229.5	
21000369	CN02	21000369CN02	Patent	CN	200710085812.0	ZL200710085812.0	
21000369	JP01	21000369JP01	Patent	JP	2000-126228	03775168	
21000374	JP01	21000374JP01	Patent	JP	2000-231385	03707366	
21000391	JP01	21000391JP01	Patent	JP	2000-269869	03903703	
21000401	JP01	21000401JP01	Patent	JP	2000-111858	03893845	
21000402	JP01	21000402JP01	Patent	JP	2000-113217	03724326	
21000403	JP01	21000403JP01	Patent	JP	2000-252077	03901434	
21000406	JP01	21000406JP01	Patent	JP	2000-324682	03752991	
21000415	US01	21000415US01	Patent	US	09/839694	07151888	
21000415	US02	21000415US02	Patent	US	11/400675	8346061	
21000415	CN01	21000415CN01	Patent	CN	01119670.X	ZL01119670.X	
21000415	CN02	21000415CN02	Patent	CN	200510119450.3	ZL200510119450.3	
21000415	DE01	21000415DE01	Patent	DE	60149854.2	01156486	
21000415	FR01	21000415FR01	Patent	FR	01303408.7	01156486	
21000415	GB01	21000415GB01	Patent	GB	01303408.7	01156486	
21000415	KR01	21000415KR01	Patent	KR	10-2001-0021218	10-0430204	
21000458	JP01	21000458JP01	Patent	JP	2000-217257	03727516	
21000461	JP02	21000461JP02	Patent	JP	2005-371295	04622848	
21000469	US01	21000469US01	Patent	US	09/631612	06654194	
21000476	JP01	21000476JP01	Patent	JP	2000-179374	04332284	
21000476	JP02	21000476JP02	Patent	JP	2006-110417	04484840	
21000476	JP03	21000476JP03	Patent	JP	2009-121529	04512664	
21000526	US01	21000526US01	Patent	US	09/903510	6560041	
21000526	US03	21000526US03	Patent	US	11/227276	07142367	
21000526	JP01	21000526JP01	Patent	JP	2000-218706	04016576	
21000533	JP01	21000533JP01	Patent	JP	2000-218707	03698026	
21000578	JP01	21000578JP01	Patent	JP	2000-245509	03726655	
21000584	JP01	21000584JP01	Patent	JP	2000-359649	03983472	
21000585	JP01	21000585JP01	Patent	JP	2000-324683	03633471	
21000589	US01	21000589US01	Patent	US	09/975001	07275090	
21000617	JP01	21000617JP01	Patent	JP	2001-006097	03917376	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
21000620	JP01	21000620JP01	Patent	JP	2000-291950	04000765	
21000620	JP02	21000620JP02	Patent	JP	2006-353689	04569567	
21000642	US01	21000642US01	Patent	US	09/938204	06985744	
21000642	US02	21000642US02	Patent	US	11/219170	07245924	
21000642	CN01	21000642CN01	Patent	CN	01143177.6	ZL01143177.6	
21000642	DE01	21000642DE01	Patent	DE	60144649.6	1257133	
21000642	FR01	21000642FR01	Patent	FR	01307237.6	1257133	
21000642	GB01	21000642GB01	Patent	GB	01307237.6	1257133	
21000642	JP01	21000642JP01	Patent	JP	2001-139445	03937752	
21000642	KR01	21000642KR01	Patent	KR	10-2001-0048467	10-0552867	
21000647	JP01	21000647JP01	Patent	JP	2001-012785	04547097	
21000647	JP02	21000647JP02	Patent	JP	2008-176449	04627790	
21000647	JP03	21000647JP03	Patent	JP	2010-176916	04613256	
21000647	JP04	21000647JP04	Patent	JP	2010-176917	04940338	
21000652	US01	21000652US01	Patent	US	09/942034	06952241	
21000652	US02	21000652US02	Patent	US	11/222787	7474360	
21000652	US03	21000652US03	Patent	US	12/216846	7929064	
21000652	JP01	21000652JP01	Patent	JP	2000-301830	03766586	
21000652	JP02	21000652JP02	Patent	JP	2005-320435	03870216	
21000652	JP03	21000652JP03	Patent	JP	2006-209618	04759465	
21000721	US01	21000721US01	Patent	US	09/832311	06768926	
21000811	US01	21000811US01	Patent	US	09/922318	06819363	
21000811	JP01	21000811JP01	Patent	JP	2000-384900	03702783	
21000811	KR01	21000811KR01	Patent	KR	10-2001-0023036	10-0405585	
21000817	KR01	21000817KR01	Patent	KR	10-2001-0052735	10-0402216	
21000828	JP01	21000828JP01	Patent	JP	2001-135713	03937750	
21000828	JP02	21000828JP02	Patent	JP	2007-031482	04939966	
21000833	US01	21000833US01	Patent	US	09/816404	06717761	
21000833	US02	21000833US02	Patent	US	10/799622	07023635	
21000837	JP01	21000837JP01	Patent	JP	2000-326999	03811610	
21000841	JP01	21000841JP01	Patent	JP	2001-033094	04378883	
21000841	JP02	21000841JP02	Patent	JP	2009-023204	04406671	
21000841	JP03	21000841JP03	Patent	JP	2009-164357	04408448	
21000841	JP04	21000841JP04	Patent	JP	2009-211240	04597252	
21000841	JP05	21000841JP05	Patent	JP	2010-156320	04654319	
21000841	JP06	21000841JP06	Patent	JP	2010-190247	04719818	
21000841	JP07	21000841JP07	Patent	JP	2011-023467	05028533	
21000855	JP01	21000855JP01	Patent	JP	2000-393264	03838031	
21000857	JP01	21000857JP01	Patent	JP	2000-371482	04240805	
21000857	JP02	21000857JP02	Patent	JP	2008-180883	04752880	
21000857	JP03	21000857JP03	Patent	JP	2011-010368	05241865	
21000857	JP04	21000857JP04	Patent	JP	2012-232490	05481548	
21000863	US01	21000863US01	Patent	US	10/001062	06612488	
21000863	US02	21000863US02	Patent	US	10/615161	06913194	
21000863	US03	21000863US03	Patent	US	11/137088	07104444	
21000865	JP01	21000865JP01	Patent	JP	2001-053463	04416341	
21000881	JP01	21000881JP01	Patent	JP	2000-376568	03864699	
21000905	JP01	21000905JP01	Patent	JP	2001-009648	04019636	
21000905	JP02	21000905JP02	Patent	JP	2007-165764	04535090	
21000915	JP01	21000915JP01	Patent	JP	2001-006208	04060534	
21000920	JP01	21000920JP01	Patent	JP	2001-110791	04576066	
21000920	JP02	21000920JP02	Patent	JP	2009-141801	04709298	
21000920	JP03	21000920JP03	Patent	JP	2010-197264	04751959	
21000920	JP04	21000920JP04	Patent	JP	2010-197265	04779051	
21000938	JP01	21000938JP01	Patent	JP	2001-143174	03797888	
21000946	US01	21000946US01	Patent	US	09/982174	07174088	
21000946	JP01	21000946JP01	Patent	JP	2000-386767	03918429	
21000946	JP04	21000946JP04	Patent	JP	2007-315346	04500847	
21000946	JP05	21000946JP05	Patent	JP	2007-315347	04500848	
21000946	JP06	21000946JP06	Patent	JP	2009-017494	04747202	
21000946	JP07	21000946JP07	Patent	JP	2010-140100	04747223	
21000946	JP08	21000946JP08	Patent	JP	2010-140101	04751953	
21000950	JP01	21000950JP01	Patent	JP	2000-389952	03861596	
21000955	JP01	21000955JP01	Patent	JP	2001-071387	04081988	
21000959	JP01	21000959JP01	Patent	JP	2000-396906	03896248	
21000959	JP02	21000959JP02	Patent	JP	2006-306131	04961193	
21000971	US02	21000971US02	Patent	US	11/834350	8311389	
21000971	US03	21000971US03	Patent	US	13/649882	9083942	
21000971	US04	21000971US04	Patent	US	14/713515		
21000971	US05	21000971US05	Patent	US	15/690640		Preparing for filing
21000971	JP01	21000971JP01	Patent	JP	2001-002053	04029569	
21000971	JP04	21000971JP04	Patent	JP	2007-324174	04747160	
21000971	JP06	21000971JP06	Patent	JP	2008-275044	04637226	
21000971	JP07	21000971JP07	Patent	JP	2010-099380	04740384	
21000971	JP09	21000971JP09	Patent	JP	2011-253441	05478589	
21000971	JP10	21000971JP10	Patent	JP	2013-084466	05481584	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210100022	JP04	210100022JP04	Patent	JP	2007-240394	04225365	
210100022	JP05	210100022JP05	Patent	JP	2008-265878	04945538	
210100022	JP06	210100022JP06	Patent	JP	2008-306961	04940223	
210100055	JP01	210100055JP01	Patent	JP	2001-033089	04443060	
210100057	JP01	210100057JP01	Patent	JP	2001-061079	04019643	
210100065	JP01	210100065JP01	Patent	JP	2001-053460	04474062	
210100065	JP02	210100065JP02	Patent	JP	2009-102556	04654302	
210100065	JP03	210100065JP03	Patent	JP	2010-142178	04734464	
210100065	JP04	210100065JP04	Patent	JP	2011-015927	04734482	
210100079	US01	210100079US01	Patent	US	10/006681	07343012	
210100079	JP01	210100079JP01	Patent	JP	2001-039339	04512280	
210100079	JP02	210100079JP02	Patent	JP	2007-284663	04340702	
210100079	JP03	210100079JP03	Patent	JP	2008-006369	04340708	
210100079	JP04	210100079JP04	Patent	JP	2008-006370	04340709	
210100079	JP05	210100079JP05	Patent	JP	2008-110832	04866874	
210100079	JP06	210100079JP06	Patent	JP	2009-259425	05039769	
210100086	JP01	210100086JP01	Patent	JP	2001-294500	03893263	
210100106	JP01	210100106JP01	Patent	JP	2001-168205	04491170	
210100106	JP02	210100106JP02	Patent	JP	2009-048864	05063629	
210100106	JP03	210100106JP03	Patent	JP	2010-174980	05156803	
210100106	JP04	210100106JP04	Patent	JP	2012-223799	05478690	
210100107	US01	210100107US01	Patent	US	10/105788	07386216	
210100107	US02	210100107US02	Patent	US	11/819199	8064748	
210100107	US03	210100107US03	Patent	US	13/005909	8229284	
210100107	US04	210100107US04	Patent	US	13/493594	09336743	
210100107	US05	210100107US05	Patent	US	15/095968		
210100107	JP01	210100107JP01	Patent	JP	2001-094528	04491164	
210100107	JP02	210100107JP02	Patent	JP	2009-185407	04475359	
210100107	JP04	210100107JP04	Patent	JP	2009-230161	04969629	
210100107	JP05	210100107JP05	Patent	JP	2009-296686	04502076	
210100126	JP01	210100126JP01	Patent	JP	2001-057628	04299976	
210100126	JP02	210100126JP02	Patent	JP	2007-095997	05178037	
210100126	JP03	210100126JP03	Patent	JP	2007-095998	04340693	
210100126	JP04	210100126JP04	Patent	JP	2007-095999	04340694	
210100126	JP05	210100126JP05	Patent	JP	2007-096000	04340695	
210100126	JP06	210100126JP06	Patent	JP	2007-270815	04919928	
210100151	JP01	210100151JP01	Patent	JP	2001-187480	03899853	
210100155	JP01	210100155JP01	Patent	JP	2001-121971	04062890	
210100155	JP02	210100155JP02	Patent	JP	2007-163298	04162033	
210100155	JP03	210100155JP03	Patent	JP	2008-096708	04254903	
210100155	JP05	210100155JP05	Patent	JP	2010-138882	04876180	
210100175	JP01	210100175JP01	Patent	JP	2001-354970	04148673	
210100175	JP02	210100175JP02	Patent	JP	2008-130796	04695669	
210100176	US01	210100176US01	Patent	US	09/944755	6894960	
210100176	US02	210100176US02	Patent	US	10/830545	07136337	
210100176	US03	210100176US03	Patent	US	11/492611	07453779	
210100176	US04	210100176US04	Patent	US	12/260710	7852725	
210100176	US05	210100176US05	Patent	US	12/949754	8094529	
210100176	JP04	210100176JP04	Patent	JP	2010-074080	04935918	
210100176	KR01	210100176KR01	Patent	KR	10-2001-0049941	10-0427735	
210100177	JP01	210100177JP01	Patent	JP	2001-163651	03981536	
210100177	JP02	210100177JP02	Patent	JP	2007-128208	04068129	
210100177	JP03	210100177JP03	Patent	JP	2007-291456	04356784	
210100177	JP04	210100177JP04	Patent	JP	2009-147187	04748258	
210100182	US01	210100182US01	Patent	US	09/928341	06765850	
210100182	JP01	210100182JP01	Patent	JP	2001-174974	04114330	
210100182	KR01	210100182KR01	Patent	KR	10-2001-0048504	10-0429751	
210100319	JP01	210100319JP01	Patent	JP	2001-173403	03937758	
210100323	JP01	210100323JP01	Patent	JP	2001-130599	03843758	
210100323	JP02	210100323JP02	Patent	JP	2006-178902	04375361	
210100339	US01	210100339US01	Patent	US	10/105916	07316487	
210100339	US02	210100339US02	Patent	US	11/807832	7695160	
210100339	CN01	210100339CN01	Patent	CN	02107479.8	ZL02107479.8	
210100339	KR01	210100339KR01	Patent	KR	10-2002-0012053	10-0496363	
210100339	TW01	210100339TW01	Patent	TW	91103048	170796	
210100355	JP01	210100355JP01	Patent	JP	2001-197689	04374152	
210100371	JP02	210100371JP02	Patent	JP	2007-324177	04992697	
210100373	JP01	210100373JP01	Patent	JP	2001-121972	03945181	
210100374	JP01	210100374JP01	Patent	JP	2001-183154	03998926	
210100386	JP01	210100386JP01	Patent	JP	2001-209198	04567921	
210100387	JP01	210100387JP01	Patent	JP	2001-217809	03820115	
210100390	US01	210100390US01	Patent	US	10/093668	07084880	
210100390	US04	210100390US04	Patent	US	12/405966	8111263	
210100390	CN01	210100390CN01	Patent	CN	02118528.X	ZL02118528.X	
210100390	CN04	210100390CN04	Patent	CN	200610095694.7	ZL200610095694.7	
210100390	DE01	210100390DE01	Patent	DE	60236985.1	1289315	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210100390	DE02	210100390DE02	Patent	DE	60238805.8	2148516	
210100390	FR01	210100390FR01	Patent	FR	02251664.5	1289315	
210100390	FR02	210100390FR02	Patent	FR	09013458.6	2148516	
210100390	GB01	210100390GB01	Patent	GB	02251664.5	1289315	
210100390	GB02	210100390GB02	Patent	GB	09013458.6	2148516	
210100390	JP01	210100390JP01	Patent	JP	2001-226987	03760815	
210100390	KR01	210100390KR01	Patent	KR	10-2002-0012711	10-0444366	
210100390	KR02	210100390KR02	Patent	KR	10-2004-0025516	10-0597916	
210100390	KR03	210100390KR03	Patent	KR	10-2004-0068582	10-0479635	
210100390	KR04	210100390KR04	Patent	KR	10-2005-0005957	10-0601238	
210100390	KR05	210100390KR05	Patent	KR	10-2005-0040740	10-0572956	
210100390	KR06	210100390KR06	Patent	KR	10-2005-0131216	10-0645932	
210100390	KR07	210100390KR07	Patent	KR	10-2006-0036793	10-0601237	
210100398	JP01	210100398JP01	Patent	JP	2001-168237	03950649	
210100401	JP02	210100401JP02	Patent	JP	2007-297814	04465001	
210100414	JP03	210100414JP03	Patent	JP	2009-282384	04783850	
210100414	JP04	210100414JP04	Patent	JP	2011-017399	04876189	
210100414	JP05	210100414JP05	Patent	JP	2011-216009	04959851	
210100423	US01	210100423US01	Patent	US	10/133604	07310823	
210100423	CN01	210100423CN01	Patent	CN	02106265.X	ZL02106265.X	
210100423	CN02	210100423CN02	Patent	CN	200510076189.3	ZL200510076189.3	
210100423	KR01	210100423KR01	Patent	KR	10-2002-0012440	10-0491903	
210100423	TW01	210100423TW01	Patent	TW	91103827	192656	
210100430	US01	210100430US01	Patent	US	10/120859	07113153	
210100430	US02	210100430US02	Patent	US	11/454062	7515118	
210100430	US03	210100430US03	Patent	US	12/397441	8149184	
210100430	CN01	210100430CN01	Patent	CN	02121799.8	ZL02121799.8	
210100430	CN02	210100430CN02	Patent	CN	200610101196.9	ZL200610101196.9	
210100430	JP01	210100430JP01	Patent	JP	2001-213037	04507470	
210100430	KR03	210100430KR03	Patent	KR	10-2005-0086912	10-0783240	
210100430	TW01	210100430TW01	Patent	TW	91104571	181976	
210100431	JP02	210100431JP02	Patent	JP	2006-304709	04973137	
210100458	JP01	210100458JP01	Patent	JP	2001-230766	04026335	
210100461	US01	210100461US01	Patent	US	10/029664	06876612	
210100461	US02	210100461US02	Patent	US	11/072044	07193946	
210100461	JP01	210100461JP01	Patent	JP	2001-327114	03797191	
210100469	JP01	210100469JP01	Patent	JP	2001-262656	03882551	
210100469	JP02	210100469JP02	Patent	JP	2006-258238	04764792	
210100469	JP04	210100469JP04	Patent	JP	2008-316395	04438889	
210100475	JP01	210100475JP01	Patent	JP	2001-334874	03693244	
210100475	JP02	210100475JP02	Patent	JP	2005-078368	03931908	
210100483	JP02	210100483JP02	Patent	JP	2004-366999	04039424	
210100487	JP01	210100487JP01	Patent	JP	2001-260590	04103361	
210100488	JP01	210100488JP01	Patent	JP	2001-260593	04934252	
210100488	JP02	210100488JP02	Patent	JP	2010-123719	05110120	
210100506	JP01	210100506JP01	Patent	JP	2001-362205	04035984	
210100511	US01	210100511US01	Patent	US	10/087514	07424200	
210100511	CN01	210100511CN01	Patent	CN	02105849.0	ZL02105849.0	
210100511	CN06	210100511CN06	Patent	CN	200810001261.X	ZL200810001261.X	
210100511	JP01	210100511JP01	Patent	JP	2001-290411	03539414	
210100511	JP02	210100511JP02	Patent	JP	2003-320593	04466021	
210100517	US01	210100517US01	Patent	US	10/301347	07417680	
210100528	JP01	210100528JP01	Patent	JP	2001-332740	03766794	
210100538	JP01	210100538JP01	Patent	JP	2001-295398	04517557	
210100540	US01	210100540US01	Patent	US	10/090707	6883111	
210100540	US02	210100540US02	Patent	US	11/045719	07363530	
210100540	KR01	210100540KR01	Patent	KR	10-2002-0010123	10-0552360	
210100548	US01	210100548US01	Patent	US	10/255098	06952595	
210100559	JP02	210100559JP02	Patent	JP	2006-188784	04215075	
210100573	JP01	210100573JP01	Patent	JP	2001-388903	03884952	
210100627	JP01	210100627JP01	Patent	JP	2001-384750	03717062	
210100635	JP01	210100635JP01	Patent	JP	2001-308152	03800058	
210100646	JP01	210100646JP01	Patent	JP	2002-048933	03912136	
210100652	US01	210100652US01	Patent	US	10/106593	07395431	
210100655	US01	210100655US01	Patent	US	10/150241	7512324	
210100655	JP01	210100655JP01	Patent	JP	2002-004051	04042411	
210100655	JP02	210100655JP02	Patent	JP	2007-257043	04577346	
210100655	KR01	210100655KR01	Patent	KR	10-2002-0025473	10-0497913	
210100664	JP01	210100664JP01	Patent	JP	2001-372149	04500475	
210100669	US01	210100669US01	Patent	US	10/198978	07392538	
210100669	JP01	210100669JP01	Patent	JP	2001-308155	03864743	
210100670	JP01	210100670JP01	Patent	JP	2001-309378	03659209	
210100674	US01	210100674US01	Patent	US	10/264377	07340613	
210100674	US02	210100674US02	Patent	US	12/020943	7856560	
210100674	CN01	210100674CN01	Patent	CN	02144047.6	ZL02144047.6	
210100674	JP01	210100674JP01	Patent	JP	2001-321322	03785983	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210100674	JP02	210100674JP02	Patent	JP	2006-019976	04538414	
210100674	JP03	210100674JP03	Patent	JP	2008-229212	04597231	
210100674	JP04	210100674JP04	Patent	JP	2010-122210	04597266	
210100675	JP01	210100675JP01	Patent	JP	2002-020522	03867586	
210100675	JP02	210100675JP02	Patent	JP	2005-052247	03867726	
210100675	JP03	210100675JP03	Patent	JP	2006-223762	04055810	
210100687	JP02	210100687JP02	Patent	JP	2005-029953	04270136	
210100688	JP01	210100688JP01	Patent	JP	2001-344014	03879487	
210100690	US01	210100690US01	Patent	US	10/305760	07194135	
210100690	JP01	210100690JP01	Patent	JP	2002-013107	04365555	
210100692	US01	210100692US01	Patent	US	10/100484	7587126	
210100692	CN01	210100692CN01	Patent	CN	02119097.6	ZL02119097.6	
210100692	TW01	210100692TW01	Patent	TW	91103852	191472	
210100708	US02	210100708US02	Patent	US	11/897715	8005960	
210100708	CN01	210100708CN01	Patent	CN	02150259.5	ZL02150259.5	
210100708	DE01	210100708DE01	Patent	DE	60204207.0	01324539	
210100708	FR01	210100708FR01	Patent	FR	02023478.7	01324539	
210100708	GB01	210100708GB01	Patent	GB	02023478.7	01324539	
210100708	JP01	210100708JP01	Patent	JP	2001-395712	03744419	
210100708	KR01	210100708KR01	Patent	KR	10-2002-0068071	10-0470853	
210100717	JP01	210100717JP01	Patent	JP	2002-022675	04042419	
210100717	JP02	210100717JP02	Patent	JP	2007-240396	04158836	
210100717	JP03	210100717JP03	Patent	JP	2007-240397	04238928	
210100717	JP04	210100717JP04	Patent	JP	2007-269649	04201055	
210100717	JP05	210100717JP05	Patent	JP	2008-212370	04337942	
210100717	JP06	210100717JP06	Patent	JP	2009-117171	05040955	
210100736	JP01	210100736JP01	Patent	JP	2002-004050	04103396	
210100736	JP02	210100736JP02	Patent	JP	2007-240403	04103933	
210100736	JP03	210100736JP03	Patent	JP	2007-240404	04103934	
210100736	JP04	210100736JP04	Patent	JP	2007-240405	04103935	
210100736	JP05	210100736JP05	Patent	JP	2007-269650	04572923	
210100736	JP06	210100736JP06	Patent	JP	2010-143338	04868072	
210200007	US01	210200007US01	Patent	US	10/199406	6863418	
210200007	US02	210200007US02	Patent	US	10/994752	07357537	
210200007	CN01	210200007CN01	Patent	CN	02126524.0	ZL02126524.0	
210200007	JP01	210200007JP01	Patent	JP	2002-099521	04096598	
210200007	TW01	210200007TW01	Patent	TW	91108457	176817	
210200008	JP01	210200008JP01	Patent	JP	2002-082326	03972701	
210200013	US01	210200013US01	Patent	US	10/183347	06996423	
210200013	US02	210200013US02	Patent	US	11/322341	7660576	
210200013	CN01	210200013CN01	Patent	CN	02132190.6	ZL02132190.6	
210200013	CN02	210200013CN02	Patent	CN	200510022977.4	ZL200510022977.4	
210200013	JP02	210200013JP02	Patent	JP	2006-200193	04605114	
210200014	CN01	210200014CN01	Patent	CN	02106264.1	ZL02106264.1	
210200014	CN02	210200014CN02	Patent	CN	200610115515.1	ZL200610115515.1	
210200014	JP01	210200014JP01	Patent	JP	2002-033320	03787529	
210200014	JP02	210200014JP02	Patent	JP	2005-043365	04007372	
210200014	KR01	210200014KR01	Patent	KR	10-2002-0012707	10-0465470	
210200019	US01	210200019US01	Patent	US	10/199709	07209484	
210200019	JP01	210200019JP01	Patent	JP	2002-050668	03876732	
210200025	US01	210200025US01	Patent	US	10/321842	07199821	
210200025	US02	210200025US02	Patent	US	11/715425	7551209	
210200025	US03	210200025US03	Patent	US	12/466400	8130284	
210200025	JP01	210200025JP01	Patent	JP	2002-051841	04042432	
210200025	JP02	210200025JP02	Patent	JP	2007-124081	04458114	
210200025	JP03	210200025JP03	Patent	JP	2009-090639	04811494	
210200026	JP01	210200026JP01	Patent	JP	2002-051883	04040890	
210200038	US01	210200038US01	Patent	US	10/113337	06768594	
210200039	US01	210200039US01	Patent	US	10/186885	06783242	
210200039	US02	210200039US02	Patent	US	10/887028	06905213	
210200039	CN01	210200039CN01	Patent	CN	02140342.2	ZL02140342.2	
210200039	CN02	210200039CN02	Patent	CN	200710300420.1	ZL200710300420.1	
210200039	JP01	210200039JP01	Patent	JP	2002-040913	04250896	
210200039	JP02	210200039JP02	Patent	JP	2008-179706	04735675	
210200041	JP01	210200041JP01	Patent	JP	2002-028904	03979106	
210200050	US01	210200050US01	Patent	US	10/269765	7865066	
210200050	KR01	210200050KR01	Patent	KR	10-2002-0053724	10-0531400	
210200058	US01	210200058US01	Patent	US	10/289897	07403982	
210200058	US02	210200058US02	Patent	US	12/126259	7912928	
210200058	CN01	210200058CN01	Patent	CN	02155771.3	ZL02155771.3	
210200058	KR01	210200058KR01	Patent	KR	10-2002-0068069	10-0555809	
210200075	US01	210200075US01	Patent	US	10/356000	06832836	
210200075	US02	210200075US02	Patent	US	10/993945	06945651	
210200075	CN01	210200075CN01	Patent	CN	03101966.8	ZL03101966.8	
210200075	JP01	210200075JP01	Patent	JP	2002-048938	03858723	
210200075	KR01	210200075KR01	Patent	KR	10-2003-0006052	10-0497695	



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210200075	TW01	210200075TW01	Patent	TW	91136550	189040	
210200110	JP01	210200110JP01	Patent	JP	2002-079926	03906718	
210200112	US01	210200112US01	Patent	US	10/273104	07391964	
210200112	US02	210200112US02	Patent	US	12/130086	8139927	
210200112	JP02	210200112JP02	Patent	JP	2007-010954	04281803	
210200112	JP03	210200112JP03	Patent	JP	2008-113319	04569662	
210200112	KR01	210200112KR01	Patent	KR	10-2002-0070620	10-0563538	
210200113	US01	210200113US01	Patent	US	10/346380	06910775	
210200113	CN01	210200113CN01	Patent	CN	03101589.1	Z103101589.1	
210200113	JP01	210200113JP01	Patent	JP	2002-165056	04059010	
210200114	JP01	210200114JP01	Patent	JP	2002-216010	03918671	
210200118	US01	210200118US01	Patent	US	10/286138	07047052	
210200120	US02	210200120US02	Patent	US	11/480971	7577417	
210200120	JP01	210200120JP01	Patent	JP	2002-100735	03879565	
210200125	JP01	210200125JP01	Patent	JP	2002-090179	03937889	
210200125	JP03	210200125JP03	Patent	JP	2006-207366	04123290	
210200125	JP06	210200125JP06	Patent	JP	2007-309630	04337927	
210200125	JP07	210200125JP07	Patent	JP	2008-105238	04379528	
210200125	JP08	210200125JP08	Patent	JP	2009-184000	04637254	
210200125	JP09	210200125JP09	Patent	JP	2010-065427	04846035	
210200137	US01	210200137US01	Patent	US	10/295033	06982704	
210200137	US02	210200137US02	Patent	US	11/102771	07151535	
210200137	US03	210200137US03	Patent	US	11/258994	07227543	
210200137	US04	210200137US04	Patent	US	11/655869	7701475	
210200137	US05	210200137US05	Patent	US	12/428246	7760213	
210200137	US06	210200137US06	Patent	US	12/428281	7907134	
210200137	CN01	210200137CN01	Patent	CN	02149584.X	ZL02149584.X	
210200137	CN02	210200137CN02	Patent	CN	200510056040.9	ZL200510056040.9	
210200137	CN03	210200137CN03	Patent	CN	200610100184.4	ZL200610100184.4	
210200137	JP01	210200137JP01	Patent	JP	2002-104383	03783645	
210200137	JP02	210200137JP02	Patent	JP	2005-082901	03783726	
210200137	JP03	210200137JP03	Patent	JP	2005-082902	03783727	
210200137	JP04	210200137JP04	Patent	JP	2005-369020	04315152	
210200137	KR01	210200137KR01	Patent	KR	10-2002-0066074	10-0521819	
210200137	KR02	210200137KR02	Patent	KR	10-2004-0098037	10-0566039	
210200137	KR03	210200137KR03	Patent	KR	10-2005-0035523	10-0627761	
210200137	KR04	210200137KR04	Patent	KR	10-2005-0035525	10-0627760	
210200137	TW01	210200137TW01	Patent	TW	91122514	I230551	
210200138	JP01	210200138JP01	Patent	JP	2002-112812	04003516	
210200169	CN02	210200169CN02	Patent	CN	200510085944.4	ZL200510085944.4	
210200169	JP01	210200169JP01	Patent	JP	2002-204995	03991799	
210200169	JP02	210200169JP02	Patent	JP	2007-044851	04591459	
210200170	US03	210200170US03	Patent	US	12/251345	8213630	
210200170	US04	210200170US04	Patent	US	12/983034	8903105	
210200170	US05	210200170US05	Patent	US	14/465836		
210200188	US01	210200188US01	Patent	US	10/602919	7512321	
210200188	JP01	210200188JP01	Patent	JP	2002-192949	04076067	
210200192	US01	210200192US01	Patent	US	10/279370	06940906	
210200192	US02	210200192US02	Patent	US	11/190272	07272185	
210200192	US04	210200192US04	Patent	US	12/687007	8170111	
210200192	JP01	210200192JP01	Patent	JP	2002-175720	04346868	
210200192	JP02	210200192JP02	Patent	JP	2007-257907	04642055	
210200194	JP01	210200194JP01	Patent	JP	2002-259524	04158463	
210200231	US01	210200231US01	Patent	US	10/424456	07116620	
210200231	US02	210200231US02	Patent	US	11/515108	07269112	
210200231	US03	210200231US03	Patent	US	11/893910	8040768	
210200231	CN01	210200231CN01	Patent	CN	03122283.8	ZL03122283.8	
210200231	CN02	210200231CN02	Patent	CN	200610146546.3	ZL200610146546.3	
210200231	CN03	210200231CN03	Patent	CN	200610146547.8	ZL200610146547.8	
210200231	CN04	210200231CN04	Patent	CN	200610146548.2	ZL200610146548.2	
210200231	CN05	210200231CN05	Patent	CN	200610146549.7	ZL200610146549.7	
210200231	JP01	210200231JP01	Patent	JP	2002-123386	03794345	
210200231	JP02	210200231JP02	Patent	JP	2006-030415	04682050	
210200231	JP03	210200231JP03	Patent	JP	2007-317856	04740223	
210200231	JP04	210200231JP04	Patent	JP	2008-316393	04770923	
210200237	US01	210200237US01	Patent	US	10/291743	7861284	
210200241	US01	210200241US01	Patent	US	10/405369	07263723	
210200241	CN01	210200241CN01	Patent	CN	03110422.3	ZL03110422.3	
210200241	KR01	210200241KR01	Patent	KR	10-2003-0015368	10-0546526	
210200241	TW01	210200241TW01	Patent	TW	92104427	I235004	
210200242	JP01	210200242JP01	Patent	JP	2002-233810	04160799	
210200248	JP01	210200248JP01	Patent	JP	2002-182314	04122861	
210200249	US01	210200249US01	Patent	US	10/328336	07111942	
210200249	US02	210200249US02	Patent	US	10/859415	07059725	
210200249	CN01	210200249CN01	Patent	CN	02157063.9	ZL02157063.9	
210200249	JP01	210200249JP01	Patent	JP	2002-171796	04157729	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210200249	KR01	210200249KR01	Patent	KR	10-2002-0083020	10-0556640	
210200249	KR02	210200249KR02	Patent	KR	10-2005-0127402	10-0646285	
210200249	TW01	210200249TW01	Patent	TW	91132316	199387	
210200250	JP01	210200250JP01	Patent	JP	2002-222340	03945334	
210200256	US01	210200256US01	Patent	US	10/630911	07054649	
210200256	CN01	210200256CN01	Patent	CN	03152352.8	ZL03152352.8	
210200256	JP01	210200256JP01	Patent	JP	2002-223830	04136517	
210200260	US01	210200260US01	Patent	US	10/633313	06993323	
210200260	JP01	210200260JP01	Patent	JP	2002-227532	03857627	
210200272	JP01	210200272JP01	Patent	JP	2002-207695	03873831	
210200274	JP01	210200274JP01	Patent	JP	2002-290589	04048898	
210200275	US01	210200275US01	Patent	US	10/625723	07203517	
210200275	CN01	210200275CN01	Patent	CN	03152350.1	ZL03152350.1	
210200275	JP01	210200275JP01	Patent	JP	2002-224324	03937968	
210200276	JP01	210200276JP01	Patent	JP	H10-017271	03602322	
210200276	JP02	210200276JP02	Patent	JP	2002-245534	03757920	
210200276	JP04	210200276JP04	Patent	JP	2008-305846	04609571	
210200284	US01	210200284US01	Patent	US	10/411791	07227559	
210200284	US02	210200284US02	Patent	US	11/751624	7719551	
210200284	US03	210200284US03	Patent	US	12/187922	7898557	
210200284	US04	210200284US04	Patent	US	12/361456	7876301	
210200284	US05	210200284US05	Patent	US	12/361463	8120560	
210200284	CN01	210200284CN01	Patent	CN	03109553.4	ZL03109553.4	
210200284	CN02	210200284CN02	Patent	CN	200510089310.6	ZL200510089310.6	
210200284	CN03	210200284CN03	Patent	CN	200610100711.1	ZL200610100711.1	
210200284	JP01	210200284JP01	Patent	JP	2002-241579	03838177	
210200284	JP02	210200284JP02	Patent	JP	2005-082900	03838259	
210200284	JP03	210200284JP03	Patent	JP	2005-369019	04107324	
210200284	KR01	210200284KR01	Patent	KR	10-2003-0022228	10-0566021	
210200284	TW01	210200284TW01	Patent	TW	92102664	204246	
210200290	JP01	210200290JP01	Patent	JP	2002-230751	04564703	
210200290	JP02	210200290JP02	Patent	JP	2006-304710	04211839	
210200290	JP03	210200290JP03	Patent	JP	2007-175747	04450020	
210200301	US01	210200301US01	Patent	US	10/361014	07092045	
210200301	JP01	210200301JP01	Patent	JP	2002-295557	03711973	
210200301	KR01	210200301KR01	Patent	KR	10-2003-0009269	10-0521827	
210200301	TW01	210200301TW01	Patent	TW	91137739	199404	
210200302	JP01	210200302JP01	Patent	JP	2002-257400	03938734	
210200321	JP01	210200321JP01	Patent	JP	2002-356126	03896960	
210200323	JP02	210200323JP02	Patent	JP	2007-185220	04743178	
210200345	US01	210200345US01	Patent	US	10/617690	07218732	
210200372	JP01	210200372JP01	Patent	JP	2002-335384	04071605	
210200372	JP03	210200372JP03	Patent	JP	2008-136213	04787860	
210200374	JP01	210200374JP01	Patent	JP	2002-341235	04111807	
210200379	US01	210200379US01	Patent	US	10/670769	07187374	
210200379	CN01	210200379CN01	Patent	CN	03158731.3	ZL03158731.3	
210200379	JP01	210200379JP01	Patent	JP	2002-284734	04082155	
210200392	US02	210200392US02	Patent	US	11/185790	07377428	
210200392	CN01	210200392CN01	Patent	CN	03136735.6	ZL03136735.6	
210200392	JP02	210200392JP02	Patent	JP	2007-000032	04412327	
210200398	GB01	210200398GB01	Patent	GB	0311872.6	GB2396050	
210200398	JP01	210200398JP01	Patent	JP	2002-349356	03903912	
210200399	US01	210200399US01	Patent	US	10/743816	07304672	
210200399	JP01	210200399JP01	Patent	JP	2002-374819	03876224	
210200399	KR01	210200399KR01	Patent	KR	10-2003-0096275	10-0597918	
210200400	JP01	210200400JP01	Patent	JP	2002-374836	03850793	
210200407	JP01	210200407JP01	Patent	JP	2002-298225	04032913	
210200407	JP03	210200407JP03	Patent	JP	2010-196289	05292371	
210200407	JP04	210200407JP04	Patent	JP	2012-206462	05452685	
210200407	JP08	210200407JP08	Patent	JP	2017-000842		
210200413	JP01	210200413JP01	Patent	JP	2002-324682	03722111	
210200421	JP01	210200421JP01	Patent	JP	2002-361599	03972809	
210200421	JP02	210200421JP02	Patent	JP	2007-000031	04848290	
210200421	JP03	210200421JP03	Patent	JP	2007-175748	04882891	
210200421	JP04	210200421JP04	Patent	JP	2009-123699	04883138	
210200468	US01	210200468US01	Patent	US	10/641907	07139533	
210200478	JP01	210200478JP01	Patent	JP	2002-378944	04431308	
210200478	JP02	210200478JP02	Patent	JP	2007-010957	04501941	
210200478	JP03	210200478JP03	Patent	JP	2009-255676	04530108	
210200478	JP04	210200478JP04	Patent	JP	2010-023713	04935912	
210200486	US01	210200486US01	Patent	US	10/671880	06869184	
210200486	CN01	210200486CN01	Patent	CN	200310100599.8	ZL200310100599.8	
210200486	GB01	210200486GB01	Patent	GB	0322866.5	GB2395798	
210200486	JP01	210200486JP01	Patent	JP	2002-331531	03951897	
210200486	TW01	210200486TW01	Patent	TW	92124362	I245129	
210200492	CN01	210200492CN01	Patent	CN	200310118362.2	ZL200310118362.2	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210200492	JP01	210200492JP01	Patent	JP	2002-343180	04069730	
210200523	US01	210200523US01	Patent	US	10/408310	7885515	
210200523	JP01	210200523JP01	Patent	JP	2002-375850	03654287	
210200523	JP02	210200523JP02	Patent	JP	2005-000025	04596922	
210200530	US01	210200530US01	Patent	US	10/442430	07161883	
210200530	CN01	210200530CN01	Patent	CN	03123707.X	ZL03123707.X	
210200530	KR01	210200530KR01	Patent	KR	10-2003-0031522	10-0576661	
210200530	TW01	210200530TW01	Patent	TW	92107280	202457	
210200532	US01	210200532US01	Patent	US	10/445815	07123481	
210200539	US01	210200539US01	Patent	US	10/682024	07095169	
210200539	CN01	210200539CN01	Patent	CN	200310100306.6	ZL200310100306.6	
210200539	GB01	210200539GB01	Patent	GB	0323583.5	GB2399217	
210200539	JP01	210200539JP01	Patent	JP	2003-056008	04098121	
210200539	KR01	210200539KR01	Patent	KR	10-2003-0070520	10-0563167	
210200541	US01	210200541US01	Patent	US	10/619168	06945653	
210200541	US02	210200541US02	Patent	US	11/218789	07090352	
210200541	US03	210200541US03	Patent	US	11/491224	07165844	
210200541	US04	210200541US04	Patent	US	11/648622	07284864	
210200541	CN01	210200541CN01	Patent	CN	03146680.X	ZL03146680.X	
210200541	GB01	210200541GB01	Patent	GB	0316528.9	GB2398693	
210200541	JP01	210200541JP01	Patent	JP	2003-043536	03849654	
210300003	JP01	210300003JP01	Patent	JP	2003-003853	04348947	
210300003	JP02	210300003JP02	Patent	JP	2009-113151	04448890	
210300003	JP03	210300003JP03	Patent	JP	2009-177178	04576471	
210300003	JP04	210300003JP04	Patent	JP	2010-041277	04576481	
210300003	JP05	210300003JP05	Patent	JP	2010-041278	04790850	
210300006	US01	210300006US01	Patent	US	10/651242	06854851	
210300006	CN01	210300006CN01	Patent	CN	03156623.5	ZL03156623.5	
210300006	CN02	210300006CN02	Patent	CN	200910151472.6	ZL200910151472.6	
210300006	GB01	210300006GB01	Patent	GB	0320333.8	GB2394793	
210300006	JP01	210300006JP01	Patent	JP	2003-171474	04158611	
210300006	TW01	210300006TW01	Patent	TW	92121038	I246627	
210300012	US01	210300012US01	Patent	US	10/626614	07084757	
210300012	US02	210300012US02	Patent	US	11/372007	07443291	
210300012	US03	210300012US03	Patent	US	12/234748	7719417	
210300012	CN01	210300012CN01	Patent	CN	03178799.1	ZL03178799.1	
210300014	JP01	210300014JP01	Patent	JP	2003-052456	04265919	
210300018	JP01	210300018JP01	Patent	JP	2003-142108	04300060	
210300024	JP01	210300024JP01	Patent	JP	2003-110986	04333197	
210300033	JP01	210300033JP01	Patent	JP	2003-144261	04305055	
210300049	JP01	210300049JP01	Patent	JP	2003-050246	04288959	
210300052	JP01	210300052JP01	Patent	JP	2003-101042	04458764	
210300070	US01	210300070US01	Patent	US	10/804617	07059730	
210300081	JP01	210300081JP01	Patent	JP	2003-145282	04414679	
210300119	US01	210300119US01	Patent	US	10/655683	07317837	
210300119	US02	210300119US02	Patent	US	11/951156	7865024	
210300119	CN01	210300119CN01	Patent	CN	03155597.7	ZL03155597.7	
210300119	CN02	210300119CN02	Patent	CN	200610092379.9	ZL200610092379.9	
210300119	CN03	210300119CN03	Patent	CN	200610101711.3	ZL200610101711.3	
210300119	CN04	210300119CN04	Patent	CN	200610101707.7	ZL200610101707.7	
210300119	JP01	210300119JP01	Patent	JP	2003-139759	04806515	
210300133	JP01	210300133JP01	Patent	JP	2003-074809	04385624	
210300133	JP02	210300133JP02	Patent	JP	2008-331857	04803250	
210300142	JP01	210300142JP01	Patent	JP	2003-327107	03953013	
210300142	JP02	210300142JP02	Patent	JP	2007-044849	04492624	
210300149	US01	210300149US01	Patent	US	10/766849	07436431	
210300149	JP01	210300149JP01	Patent	JP	2003-167255	03988683	
210300151	JP01	210300151JP01	Patent	JP	2003-171102	04226956	
210300155	US01	210300155US01	Patent	US	10/808391	07014319	
210300155	CN01	210300155CN01	Patent	CN	200410008535.X	ZL200410008535.X	
210300155	GB01	210300155GB01	Patent	GB	0406509.0	GB2401275	
210300155	GB02	210300155GB02	Patent	GB	0508648.3	GB2411068	
210300155	JP01	210300155JP01	Patent	JP	2003-081719	04269734	
210300160	CN01	210300160CN01	Patent	CN	200310115772.1	ZL200310115772.1	
210300160	GB01	210300160GB01	Patent	GB	0322980.4	GB2403056	
210300160	GB02	210300160GB02	Patent	GB	0422911.8	GB2403843	
210300160	GB03	210300160GB03	Patent	GB	0422914.2	GB2403844	
210300160	KR01	210300160KR01	Patent	KR	10-2003-0070149	10-0583706	
210300161	US01	210300161US01	Patent	US	10/700967	07227520	
210300161	GB01	210300161GB01	Patent	GB	0325376.2	GB2403089	
210300161	KR01	210300161KR01	Patent	KR	10-2003-0070185	10-0559266	
210300162	US01	210300162US01	Patent	US	10/693788	07295174	
210300162	CN01	210300162CN01	Patent	CN	200310123425.3	ZL200310123425.3	
210300162	GB01	210300162GB01	Patent	GB	0322625.5	GB2403055	
210300162	JP01	210300162JP01	Patent	JP	2003-172772	03985736	
210300162	KR01	210300162KR01	Patent	KR	10-2003-0074540	10-0552361	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210300180	JP01	210300180JP01	Patent	JP	2003-177791	04294392	
210300180	JP02	210300180JP02	Patent	JP	2009-038780	04900403	
210300194	CN01	210300194CN01	Patent	CN	200410046181.8	ZL200410046181.8	
210300194	CN02	210300194CN02	Patent	CN	200710004238.1	ZL200710004238.1	
210300194	GB01	210300194GB01	Patent	GB	0404895.5	GB2402570	
210300194	JP01	210300194JP01	Patent	JP	2003-156124	04042631	
210300194	JP02	210300194JP02	Patent	JP	2007-227252	04488045	
210300205	JP01	210300205JP01	Patent	JP	2003-120897	04222091	
210300205	JP02	210300205JP02	Patent	JP	2008-089129	04577388	
210300207	US01	210300207US01	Patent	US	10/752170	07265795	
210300207	CN01	210300207CN01	Patent	CN	200410034603.X	ZL200410034603.X	
210300207	JP01	210300207JP01	Patent	JP	2003-114527	04271978	
210300207	KR01	210300207KR01	Patent	KR	10-2004-0010286	10-0759279	
210300207	KR02	210300207KR02	Patent	KR	10-2006-0015683	10-0657696	
210300208	US01	210300208US01	Patent	US	10/779253	07009766	
210300208	US02	210300208US02	Patent	US	11/296030	07212339	
210300208	GB01	210300208GB01	Patent	GB	0403043.3	GB2403026	
210300209	JP01	210300209JP01	Patent	JP	2003-202766	04289055	
210300211	US01	210300211US01	Patent	US	10/700311	07421192	
210300211	CN01	210300211CN01	Patent	CN	200310124569.0	ZL200310124569.0	
210300211	JP02	210300211JP02	Patent	JP	2009-008371	04893757	
210300235	JP01	210300235JP01	Patent	JP	2003-207253	04107189	
210300238	US01	210300238US01	Patent	US	10/646839	06879112	
210300238	CN01	210300238CN01	Patent	CN	03156017.2	ZL03156017.2	
210300238	GB01	210300238GB01	Patent	GB	0319494.1	GB2402831	
210300238	JP01	210300238JP01	Patent	JP	2003-164515	03915738	
210300245	JP01	210300245JP01	Patent	JP	2003-176564	04262534	
210300246	US02	210300246US02	Patent	US	12/839540	8355439	
210300246	CN01	210300246CN01	Patent	CN	200410039036.7	ZL200410039036.7	
210300246	JP01	210300246JP01	Patent	JP	2003-207246	04403737	
210300247	US01	210300247US01	Patent	US	10/684059	07271783	
210300247	CN01	210300247CN01	Patent	CN	03154420.7	ZL03154420.7	
210300247	GB01	210300247GB01	Patent	GB	0323448.1	GB2403589	
210300247	GB02	210300247GB02	Patent	GB	0420766.8	GB2404081	
210300247	JP01	210300247JP01	Patent	JP	2003-142834	04103679	
210300247	KR01	210300247KR01	Patent	KR	10-2003-0067300	10-0563168	
210300253	JP01	210300253JP01	Patent	JP	2003-199575	04333239	
210300267	JP01	210300267JP01	Patent	JP	2003-320746	04098691	
210300268	US01	210300268US01	Patent	US	10/770519	7644265	
210300268	US02	210300268US02	Patent	US	12/652319	8225084	
210300268	CN01	210300268CN01	Patent	CN	200410004327.2	ZL200410004327.2	
210300268	JP01	210300268JP01	Patent	JP	2003-164516	04881538	
210300268	JP02	210300268JP02	Patent	JP	2010-227122	05163726	
210300268	KR01	210300268KR01	Patent	KR	10-2004-0007280	10-0593768	
210300281	US01	210300281US01	Patent	US	10/878480	7457512	
210300283	JP01	210300283JP01	Patent	JP	2003-180423	04379012	
210300290	JP01	210300290JP01	Patent	JP	2003-180424	04158617	
210300295	JP01	210300295JP01	Patent	JP	2003-183741	04400110	
210300295	JP02	210300295JP02	Patent	JP	2009-144878	04858577	
210300296	US01	210300296US01	Patent	US	10/812425	07029132	
210300296	CN01	210300296CN01	Patent	CN	200410033948.3	ZL200410033948.3	
210300299	JP01	210300299JP01	Patent	JP	2003-206341	04303050	
210300300	US01	210300300US01	Patent	US	10/893989	07333081	
210300300	CN01	210300300CN01	Patent	CN	200410070833.1	ZL200410070833.1	
210300300	JP01	210300300JP01	Patent	JP	2003-303252	04927311	
210300300	JP02	210300300JP02	Patent	JP	2010-106873	05158128	
210300302	US01	210300302US01	Patent	US	10/731235	7984051	
210300302	US02	210300302US02	Patent	US	13/179668	8495063	
210300302	CN01	210300302CN01	Patent	CN	200410006065.3	ZL200410006065.3	
210300302	JP01	210300302JP01	Patent	JP	2003-194693	04281437	
210300302	JP02	210300302JP02	Patent	JP	2008-205002	04450096	
210300302	JP03	210300302JP03	Patent	JP	2009-274051	04858602	
210300302	JP04	210300302JP04	Patent	JP	2009-274052	04858603	
210300302	JP05	210300302JP05	Patent	JP	2009-274053	04858604	
210300304	JP01	210300304JP01	Patent	JP	2003-192567	04258293	
210300314	US01	210300314US01	Patent	US	10/887334	7590842	
210300314	JP01	210300314JP01	Patent	JP	2003-309726	04554902	
210300321	US01	210300321US01	Patent	US	10/802028	07252416	
210300321	US02	210300321US02	Patent	US	11/822588	07364327	
210300321	CN01	210300321CN01	Patent	CN	200410031023.5	ZL200410031023.5	
210300321	GB01	210300321GB01	Patent	GB	0406251.9	GB2402496	
210300321	JP01	210300321JP01	Patent	JP	2003-192564	04265315	
210300324	US01	210300324US01	Patent	US	10/837400	07040763	
210300324	CN01	210300324CN01	Patent	CN	200410037909.0	ZL200410037909.0	
210300324	JP01	210300324JP01	Patent	JP	2003-192566	04281436	
210300326	JP01	210300326JP01	Patent	JP	2003-199578	03933103	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210300329	US01	210300329US01	Patent	US	10/842936	7499111	
210300329	CN01	210300329CN01	Patent	CN	200410070942.3	ZL200410070942.3	
210300329	JP01	210300329JP01	Patent	JP	2003-198848	04311103	
210300329	JP02	210300329JP02	Patent	JP	2009-077979	04811488	
210300342	US01	210300342US01	Patent	US	10/901989	07207680	
210300342	CN01	210300342CN01	Patent	CN	200410055776.X	ZL200410055776.X	
210300342	JP01	210300342JP01	Patent	JP	2003-204210	04321157	
210300359	US01	210300359US01	Patent	US	10/929372	7506125	
210300359	US02	210300359US02	Patent	US	12/256107	8078812	
210300359	CN01	210300359CN01	Patent	CN	200410068378.1	ZL200410068378.1	
210300359	JP01	210300359JP01	Patent	JP	2003-336689	04232593	
210300363	US01	210300363US01	Patent	US	10/865643	07210797	
210300363	CN01	210300363CN01	Patent	CN	200410045523.4	ZL200410045523.4	
210300363	GB01	210300363GB01	Patent	GB	0412750.2	GB2404995	
210300363	JP01	210300363JP01	Patent	JP	2003-207007	04671588	
210300363	JP04	210300363JP04	Patent	JP	2011-184269	05734133	
210300363	TW01	210300363TW01	Patent	TW	93109609	I234665	
210300366	US01	210300366US01	Patent	US	10/929602	07298080	
210300371	JP01	210300371JP01	Patent	JP	2003-273894	04214016	
210300385	JP01	210300385JP01	Patent	JP	2003-308198	04103734	
210300387	JP01	210300387JP01	Patent	JP	2003-316179	04036168	
210300394	JP01	210300394JP01	Patent	JP	2003-303959	04306374	
210300404	JP01	210300404JP01	Patent	JP	2003-381949	04124100	
210300416	US01	210300416US01	Patent	US	10/857647	07095558	
210300416	US02	210300416US02	Patent	US	11/486830	07245429	
210300416	CN01	210300416CN01	Patent	CN	200410042696.0	ZL200410042696.0	
210300416	JP01	210300416JP01	Patent	JP	2003-322430	04066919	
210300426	US01	210300426US01	Patent	US	10/807469	7698729	
210300428	US01	210300428US01	Patent	US	10/894117	07436415	
210300428	CN01	210300428CN01	Patent	CN	200410062375.7	ZL200410062375.7	
210300428	GB01	210300428GB01	Patent	GB	0416122.0	GB2406029	
210300428	JP01	210300428JP01	Patent	JP	2003-319221	04016915	
210300433	US01	210300433US01	Patent	US	10/939916	09418704	
210300433	US02	210300433US02	Patent	US	15/201298		
210300433	JP01	210300433JP01	Patent	JP	2003-323900	04100307	
210300433	JP02	210300433JP02	Patent	JP	2007-324168	04379519	
210300433	JP03	210300433JP03	Patent	JP	2009-159410	04557088	
210300434	US01	210300434US01	Patent	US	10/893545	7555324	
210300434	CN01	210300434CN01	Patent	CN	200410071326.X	ZL200410071326.X	
210300434	JP01	210300434JP01	Patent	JP	2003-327110	03915763	
210300434	JP02	210300434JP02	Patent	JP	2006-339393	04265651	
210300472	CN01	210300472CN01	Patent	CN	200410085593.2	ZL200410085593.2	
210300480	US01	210300480US01	Patent	US	10/998163	07382414	
210300480	CN01	210300480CN01	Patent	CN	200410097022.0	ZL200410097022.0	
210300480	JP01	210300480JP01	Patent	JP	2003-411178	04200890	
210300488	JP01	210300488JP01	Patent	JP	2003-408410	03891174	
210300498	US01	210300498US01	Patent	US	10/969800	7614076	
210300498	CN01	210300498CN01	Patent	CN	200410098260.3	ZL200410098260.3	
210300498	GB01	210300498GB01	Patent	GB	0423180.9	GB2408842	
210300498	JP01	210300498JP01	Patent	JP	2003-403967	04385099	
210300498	JP02	210300498JP02	Patent	JP	2009-069310	04474486	
210300498	JP03	210300498JP03	Patent	JP	2009-214001	04729634	
210300498	JP04	210300498JP04	Patent	JP	2009-214002	04729635	
210300519	US02	210300519US02	Patent	US	12/401795	8156077	
210300519	JP02	210300519JP02	Patent	JP	2009-141799	05272912	
210300526	US01	210300526US01	Patent	US	10/960059	7835626	
210300526	US02	210300526US02	Patent	US	12/058879	8238716	
210300526	US03	210300526US03	Patent	US	12/058888	8254754	
210300526	US04	210300526US04	Patent	US	12/183773	8238717	
210300526	US05	210300526US05	Patent	US	12/183782	8249420	
210300526	JP01	210300526JP01	Patent	JP	2003-351510	04613000	
210300526	JP02	210300526JP02	Patent	JP	2008-200341	04670913	
210300542	JP01	210300542JP01	Patent	JP	2004-006213	04352902	
210300566	US01	210300566US01	Patent	US	10/922225	07244030	
210300566	US02	210300566US02	Patent	US	11/705070	07342724	
210300566	CN01	210300566CN01	Patent	CN	200410057072.6	ZL200410057072.6	
210300566	CN02	210300566CN02	Patent	CN	200710086065.2	ZL200710086065.2	
210300566	CN03	210300566CN03	Patent	CN	200710153431.1	ZL200710153431.1	
210300566	GB01	210300566GB01	Patent	GB	0418476.8	GB2408590	
210300566	GB02	210300566GB02	Patent	GB	0523444.8	GB2420868	
210300566	JP01	210300566JP01	Patent	JP	2003-398394	04196815	
210300566	JP02	210300566JP02	Patent	JP	2008-154808	05092916	
210300566	JP04	210300566JP04	Patent	JP	2011-185465	05163793	
210300566	JP05	210300566JP05	Patent	JP	2012-152013	05487251	
210300567	JP01	210300567JP01	Patent	JP	2004-028797	04363205	
210300568	US01	210300568US01	Patent	US	10/921938	07159988	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210300568	US02	210300568US02	Patent	US	11/637692	07261420	
210300568	CN01	210300568CN01	Patent	CN	200410057193.0	ZL200410057193.0	
210300568	JP01	210300568JP01	Patent	JP	2003-398395	04734827	
210300568	JP02	210300568JP02	Patent	JP	2010-095613	04835767	
210300573	JP01	210300573JP01	Patent	JP	2004-026199	04635446	
210300576	JP01	210300576JP01	Patent	JP	2003-404008	03897753	
210300576	JP02	210300576JP02	Patent	JP	2006-337734	04187040	
210300577	US01	210300577US01	Patent	US	10/996053	07444064	
210300577	CN01	210300577CN01	Patent	CN	200410095604.5	ZL200410095604.5	
210300577	JP01	210300577JP01	Patent	JP	2003-405584	04431374	
210300577	JP02	210300577JP02	Patent	JP	2006-283250	04229167	
210300578	US01	210300578US01	Patent	US	11/002846	7486875	
210300578	JP02	210300578JP02	Patent	JP	2006-310929	04386065	
210300583	US01	210300583US01	Patent	US	11/061055	07255444	
210300583	CN01	210300583CN01	Patent	CN	200410088987.3	ZL200410088987.3	
210300583	JP01	210300583JP01	Patent	JP	2004-059569	04575682	
210300589	JP01	210300589JP01	Patent	JP	2003-428630	04127205	
210300593	US01	210300593US01	Patent	US	10/922706	07261421	
210300593	US02	210300593US02	Patent	US	11/833855	7581838	
210300593	CN01	210300593CN01	Patent	CN	200410074261.4	ZL200410074261.4	
210300596	JP01	210300596JP01	Patent	JP	2004-078641	04364024	
210300600	US01	210300600US01	Patent	US	11/009053	07237901	
210300600	CN01	210300600CN01	Patent	CN	200410103409.2	ZL200410103409.2	
210300600	JP01	210300600JP01	Patent	JP	2003-432395	04335664	
210400005	JP01	210400005JP01	Patent	JP	2004-022464	04534501	
210400005	JP02	210400005JP02	Patent	JP	2010-023709	04941567	
210400005	JP03	210400005JP03	Patent	JP	2011-161564	05240326	
210400011	US01	210400011US01	Patent	US	10/845525	07330637	
210400011	CN01	210400011CN01	Patent	CN	200410042301.7	ZL200410042301.7	
210400011	JP01	210400011JP01	Patent	JP	2004-063397	04206937	
210400015	CN01	210400015CN01	Patent	CN	200410042306.X	ZL200410042306.X	
210400015	CN02	210400015CN02	Patent	CN	200910007691.7	ZL200910007691.7	
210400015	JP01	210400015JP01	Patent	JP	2004-008622	04608886	
210400015	KR01	210400015KR01	Patent	KR	10-2004-0034226	10-0785958	
210400016	US01	210400016US01	Patent	US	10/846558	8010792	
210400016	US02	210400016US02	Patent	US	13/219987	8468350	
210400016	CN01	210400016CN01	Patent	CN	200410044723.8	ZL200410044723.8	
210400016	CN02	210400016CN02	Patent	CN	200910136815.1	ZL200910136815.1	
210400016	JP01	210400016JP01	Patent	JP	2004-008621	04982031	
210400016	JP02	210400016JP02	Patent	JP	2011-007430	05177238	
210400016	KR01	210400016KR01	Patent	KR	10-2004-0034224	10-0787292	
210400017	US01	210400017US01	Patent	US	11/035709	7806566	
210400017	CN01	210400017CN01	Patent	CN	200510002194.X	ZL200510002194.X	
210400017	JP01	210400017JP01	Patent	JP	2004-008620	04581407	
210400020	CN01	210400020CN01	Patent	CN	200510005139.6	ZL200510005139.6	
210400020	GB01	210400020GB01	Patent	GB	0501661.3	GB2410610	
210400024	US01	210400024US01	Patent	US	11/040730	07220005	
210400024	CN01	210400024CN01	Patent	CN	200510002647.9	ZL200510002647.9	
210400024	CN02	210400024CN02	Patent	CN	200810004557.7	ZL200810004557.7	
210400024	JP01	210400024JP01	Patent	JP	2004-012595	04438423	
210400026	US01	210400026US01	Patent	US	10/964631	07293878	
210400026	CN01	210400026CN01	Patent	CN	200410086623.1	ZL200410086623.1	
210400026	CN02	210400026CN02	Patent	CN	200910129359.8	ZL200910129359.8	
210400028	JP02	210400028JP02	Patent	JP	2009-060413	05035276	
210400039	JP01	210400039JP01	Patent	JP	2004-069044	04464719	
210400043	US01	210400043US01	Patent	US	11/012157	07362503	
210400043	US02	210400043US02	Patent	US	12/103241	7697202	
210400043	CN01	210400043CN01	Patent	CN	200510000159.4	ZL200510000159.4	
210400074	US02	210400074US02	Patent	US	11/897432	7689201	
210400074	JP01	210400074JP01	Patent	JP	2004-110645	04396361	
210400075	US01	210400075US01	Patent	US	10/892907	07362952	
210400075	JP02	210400075JP02	Patent	JP	2007-057973	04735571	
210400077	US01	210400077US01	Patent	US	11/052940	7583886	
210400077	US02	210400077US02	Patent	US	12/534209	8014759	
210400077	CN01	210400077CN01	Patent	CN	200510073454.2	ZL200510073454.2	
210400078	JP01	210400078JP01	Patent	JP	2004-083082	04261399	
210400081	CN01	210400081CN01	Patent	CN	200510005072.6	ZL200510005072.6	
210400083	JP01	210400083JP01	Patent	JP	2004-030099	04293006	
210400083	JP02	210400083JP02	Patent	JP	2008-282691	04770910	
210400083	JP03	210400083JP03	Patent	JP	2011-023468	05018976	
210400093	US01	210400093US01	Patent	US	10/846595	7562231	
210400093	CN01	210400093CN01	Patent	CN	200410044732.7	ZL200410044732.7	
210400093	JP01	210400093JP01	Patent	JP	2004-079456	04595361	
210400100	US01	210400100US01	Patent	US	11/040563	7609282	
210400100	CN01	210400100CN01	Patent	CN	200510002560.1	ZL200510002560.1	
210400100	GB01	210400100GB01	Patent	GB	0500991.5	GB2411536	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210400100	JP01	210400100JP01	Patent	JP	2004-047668	04387220	
210400102	US01	210400102US01	Patent	US	11/114523	7847816	
210400102	CN01	210400102CN01	Patent	CN	200510069463.4	ZL200510069463.4	
210400102	JP01	210400102JP01	Patent	JP	2004-187226	04424088	
210400113	CN01	210400113CN01	Patent	CN	200510008849.4	ZL200510008849.4	
210400113	CN02	210400113CN02	Patent	CN	200610101591.7	ZL200610101591.7	
210400113	GB01	210400113GB01	Patent	GB	0503724.7	GB2411559	
210400113	GB02	210400113GB02	Patent	GB	0601713.1	GB2420479	
210400113	JP01	210400113JP01	Patent	JP	2004-052701	04254573	
210400116	US01	210400116US01	Patent	US	10/898355	07181239	
210400122	US01	210400122US01	Patent	US	11/063738	7765578	
210400122	CN01	210400122CN01	Patent	CN	200510008846.0	ZL200510008846.0	
210400122	JP01	210400122JP01	Patent	JP	2004-123631	04352976	
210400127	US01	210400127US01	Patent	US	10/845592	7890610	
210400127	CN01	210400127CN01	Patent	CN	200410044720.4	ZL200410044720.4	
210400127	GB01	210400127GB01	Patent	GB	0410988.0	GB2412198	
210400127	JP01	210400127JP01	Patent	JP	2004-079454	04337591	
210400144	US01	210400144US01	Patent	US	10/844589	07185160	
210400144	US02	210400144US02	Patent	US	11/657560	7562201	
210400144	JP01	210400144JP01	Patent	JP	2004-075553	04296971	
210400144	KR01	210400144KR01	Patent	KR	10-2004-0034133	10-0713767	
210400146	CN01	210400146CN01	Patent	CN	200410086876.9	ZL200410086876.9	
210400146	GB01	210400146GB01	Patent	GB	0422762.5	GB2414130	
210400156	JP01	210400156JP01	Patent	JP	2004-170657	04475021	
210400157	US01	210400157US01	Patent	US	11/056435	7697824	
210400159	US01	210400159US01	Patent	US	10/846559	7783171	
210400159	CN01	210400159CN01	Patent	CN	200410044733.1	ZL200410044733.1	
210400159	CN02	210400159CN02	Patent	CN	200910126944.2	ZL200910126944.2	
210400159	KR01	210400159KR01	Patent	KR	10-2004-0034134	10-0646301	
210400161	JP01	210400161JP01	Patent	JP	2004-180439	04341480	
210400165	US01	210400165US01	Patent	US	10/846922	7836507	
210400165	US02	210400165US02	Patent	US	12/900091	8209534	
210400165	CN01	210400165CN01	Patent	CN	200410044722.3	ZL200410044722.3	
210400165	CN02	210400165CN02	Patent	CN	201010109235.6	ZL201010109235.6	
210400165	JP01	210400165JP01	Patent	JP	2004-079451	04645049	
210400165	KR01	210400165KR01	Patent	KR	10-2004-0034511	10-0753727	
210400165	KR02	210400165KR02	Patent	KR	10-2006-0092842	10-0975682	
210400172	US01	210400172US01	Patent	US	11/109875	07410264	
210400172	CN01	210400172CN01	Patent	CN	200510066374.4	ZL200510066374.4	
210400172	JP01	210400172JP01	Patent	JP	2004-126852	04616577	
210400199	US01	210400199US01	Patent	US	11/074015	7693398	
210400199	CN01	210400199CN01	Patent	CN	200510073225.0	ZL200510073225.0	
210400199	GB01	210400199GB01	Patent	GB	0508830.7	GB2415585	
210400199	GB02	210400199GB02	Patent	GB	0605328.4	GB2424160	
210400199	JP01	210400199JP01	Patent	JP	2004-162710	04096915	
210400203	US01	210400203US01	Patent	US	10/928352	07239308	
210400203	CN01	210400203CN01	Patent	CN	200410068377.7	ZL200410068377.7	
210400203	GB01	210400203GB01	Patent	GB	0419170.6	GB2414909	
210400209	JP01	210400209JP01	Patent	JP	2004-210077	04303652	
210400210	JP01	210400210JP01	Patent	JP	2004-204063	04517755	
210400214	JP01	210400214JP01	Patent	JP	2004-226911	04321713	
210400226	US01	210400226US01	Patent	US	11/054775	8180198	
210400226	JP01	210400226JP01	Patent	JP	2004-212452	04539207	
210400226	JP02	210400226JP02	Patent	JP	2010-090025	04930621	
210400226	JP03	210400226JP03	Patent	JP	2011-275242	05229377	
210400228	CN01	210400228CN01	Patent	CN	200510077007.4	ZL200510077007.4	
210400237	US01	210400237US01	Patent	US	11/061663	07232227	
210400237	CN01	210400237CN01	Patent	CN	200510007390.6	ZL200510007390.6	
210400237	JP01	210400237JP01	Patent	JP	2004-180438	05066781	
210400238	JP01	210400238JP01	Patent	JP	2004-132481	04956887	
210400242	US01	210400242US01	Patent	US	11/061826	07430021	
210400242	CN01	210400242CN01	Patent	CN	200510007394.4	ZL200510007394.4	
210400242	CN02	210400242CN02	Patent	CN	200710152405.7	ZL200710152405.7	
210400242	GB01	210400242GB01	Patent	GB	0503605.8	GB2416085	
210400242	GB02	210400242GB02	Patent	GB	0601497.1	GB2420670	
210400242	JP01	210400242JP01	Patent	JP	2004-185794	04155233	
210400242	JP02	210400242JP02	Patent	JP	2007-086372	04155328	
210400250	CN01	210400250CN01	Patent	CN	200580000354.5	ZL200580000354.5	
210400263	JP01	210400263JP01	Patent	JP	2004-160499	04534602	
210400264	US01	210400264US01	Patent	US	11/011188	07403335	
210400264	CN01	210400264CN01	Patent	CN	200410103178.5	ZL200410103178.5	
210400264	JP01	210400264JP01	Patent	JP	2004-166549	04581491	
210400268	US01	210400268US01	Patent	US	11/061746	7590241	
210400268	CN01	210400268CN01	Patent	CN	200510007393.X	ZL200510007393.X	
210400272	US01	210400272US01	Patent	US	11/065292	07436593	
210400272	CN01	210400272CN01	Patent	CN	200510051006.2	ZL200510051006.2	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210400272	JP01	210400272JP01	Patent	JP	2004-195130	04561204	
210400277	JP01	210400277JP01	Patent	JP	2004-173382	04474209	
210400277	JP03	210400277JP03	Patent	JP	2010-007690	04862084	
210400280	JP01	210400280JP01	Patent	JP	2004-187229	04701640	
210400292	US01	210400292US01	Patent	US	11/178449	07274157	
210400292	CN01	210400292CN01	Patent	CN	200510083166.5	ZL200510083166.5	
210400292	JP01	210400292JP01	Patent	JP	2004-206263	04448396	
210400292	JP02	210400292JP02	Patent	JP	2009-251871	05222825	
210400294	US01	210400294US01	Patent	US	11/213144	07358934	
210400300	US01	210400300US01	Patent	US	11/260436	7953281	
210400312	US01	210400312US01	Patent	US	11/138282	7515760	
210400312	JP01	210400312JP01	Patent	JP	2004-293190	04513487	
210400319	US01	210400319US01	Patent	US	11/180539	7715697	
210400319	CN01	210400319CN01	Patent	CN	200510088901.1	ZL200510088901.1	
210400319	JP01	210400319JP01	Patent	JP	2004-244719	04739708	
210400320	CN01	210400320CN01	Patent	CN	200510079678.4	ZL200510079678.4	
210400321	US01	210400321US01	Patent	US	11/177689	7551836	
210400321	CN01	210400321CN01	Patent	CN	200510088902.6	ZL200510088902.6	
210400328	US01	210400328US01	Patent	US	11/202147	8064750	
210400328	CN01	210400328CN01	Patent	CN	200510090846.X	ZL200510090846.X	
210400328	JP01	210400328JP01	Patent	JP	2004-297121	04774204	
210400328	JP02	210400328JP02	Patent	JP	2008-212371	05035174	
210400329	CN01	210400329CN01	Patent	CN	200510090340.9	ZL200510090340.9	
210400334	JP01	210400334JP01	Patent	JP	2004-227417	04285358	
210400334	JP02	210400334JP02	Patent	JP	2009-025504	05120286	
210400334	JP03	210400334JP03	Patent	JP	2011-057374	05685686	
210400334	JP04	210400334JP04	Patent	JP	2013-061294	05732483	
210400334	JP05	210400334JP05	Patent	JP	2013-253760	05782098	
210400334	JP06	210400334JP06	Patent	JP	2015-110179	05989187	
210400343	JP01	210400343JP01	Patent	JP	2004-293189	04349249	
210400344	JP01	210400344JP01	Patent	JP	2004-328398	04287356	
210400345	US01	210400345US01	Patent	US	11/129707	7643073	
210400345	US02	210400345US02	Patent	US	12/632399	7982787	
210400345	JP01	210400345JP01	Patent	JP	2004-307586	04428195	
210400348	US01	210400348US01	Patent	US	11/238928	7978763	
210400348	CN01	210400348CN01	Patent	CN	200510109237.4	ZL200510109237.4	
210400348	JP01	210400348JP01	Patent	JP	2004-300888	04734887	
210400351	US01	210400351US01	Patent	US	11/194526	8005338	
210400351	CN01	210400351CN01	Patent	CN	200510093230.8	ZL200510093230.8	
210400351	JP01	210400351JP01	Patent	JP	2004-266168	04270084	
210400354	JP01	210400354JP01	Patent	JP	2004-247710	04645101	
210400358	JP01	210400358JP01	Patent	JP	2004-345109	04449717	
210400359	CN01	210400359CN01	Patent	CN	200510105732.8	ZL200510105732.8	
210400360	JP01	210400360JP01	Patent	JP	2004-297119	04552588	
210400361	US01	210400361US01	Patent	US	11/260015	7529166	
210400361	US02	210400361US02	Patent	US	12/325325	8068397	
210400361	CN01	210400361CN01	Patent	CN	200510116670.0	ZL200510116670.0	
210400361	CN02	210400361CN02	Patent	CN	200910140302.8	ZL200910140302.8	
210400361	JP01	210400361JP01	Patent	JP	2004-310282	04345639	
210400361	JP02	210400361JP02	Patent	JP	2009-127165	04853547	
210400364	JP01	210400364JP01	Patent	JP	2004-289526	04959123	
210400367	US01	210400367US01	Patent	US	11/196502	7509091	
210400367	CN01	210400367CN01	Patent	CN	200510089192.9	ZL200510089192.9	
210400367	JP01	210400367JP01	Patent	JP	2004-347984	04385934	
210400373	US01	210400373US01	Patent	US	11/236725	7814563	
210400373	JP01	210400373JP01	Patent	JP	2004-285636	04367307	
210400373	JP02	210400373JP02	Patent	JP	2008-176450	04406669	
210400373	JP03	210400373JP03	Patent	JP	2009-067216	04406672	
210400373	JP04	210400373JP04	Patent	JP	2009-067217	04457167	
210400373	JP05	210400373JP05	Patent	JP	2009-282385	05011369	
210400382	US01	210400382US01	Patent	US	11/060423	07450182	
210400382	CN01	210400382CN01	Patent	CN	200510007389.3	ZL200510007389.3	
210400382	GB01	210400382GB01	Patent	GB	0503611.6	GB2420040	
210400382	GB02	210400382GB02	Patent	GB	0606100.6	GB2422977	
210400382	GB03	210400382GB03	Patent	GB	0606101.4	GB2422978	
210400385	JP01	210400385JP01	Patent	JP	2004-362185	04691983	
210400395	US01	210400395US01	Patent	US	11/178608	7738770	
210400395	JP01	210400395JP01	Patent	JP	2004-328361	04306591	
210400406	JP01	210400406JP01	Patent	JP	2004-305075	04363301	
210400409	JP01	210400409JP01	Patent	JP	2004-349326	04954466	
210400413	US01	210400413US01	Patent	US	11/063752	07369183	
210400413	CN01	210400413CN01	Patent	CN	200510052578.2	ZL200510052578.2	
210400413	GB01	210400413GB01	Patent	GB	0503723.9	GB2418316	
210400413	GB02	210400413GB02	Patent	GB	0618853.6	GB2429598	
210400413	JP01	210400413JP01	Patent	JP	2004-272691	04277773	
210400413	JP02	210400413JP02	Patent	JP	2009-011514	04831173	



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210400414	US01	210400414US01	Patent	US	11/062742	7460301	
210400414	CN01	210400414CN01	Patent	CN	200510008841.8	ZL200510008841.8	
210400414	JP01	210400414JP01	Patent	JP	2004-315002	04613581	
210400427	JP01	210400427JP01	Patent	JP	2004-378764	04345668	
210400450	US01	210400450US01	Patent	US	11/285166	7668506	
210400450	CN01	210400450CN01	Patent	CN	200510127936.1	ZL200510127936.1	
210400450	JP01	210400450JP01	Patent	JP	2004-353498	04341539	
210400456	US01	210400456US01	Patent	US	11/227860	7757300	
210400456	CN01	210400456CN01	Patent	CN	200510108388.8	ZL200510108388.8	
210400456	JP02	210400456JP02	Patent	JP	2008-035458	04613212	
210400456	JP03	210400456JP03	Patent	JP	2009-288594	04871992	
210400456	JP04	210400456JP04	Patent	JP	2010-291523	04901993	
210400457	JP02	210400457JP02	Patent	JP	2008-096705	04604105	
210400457	JP05	210400457JP05	Patent	JP	2010-259662	05002699	
210400457	JP06	210400457JP06	Patent	JP	2011-224472	05050122	
210400457	JP07	210400457JP07	Patent	JP	2011-287362	05050129	
210400458	JP01	210400458JP01	Patent	JP	2004-298331	04107281	
210400462	US01	210400462US01	Patent	US	11/190191	7548276	
210400462	CN01	210400462CN01	Patent	CN	200510090703.9	ZL200510090703.9	
210400462	JP01	210400462JP01	Patent	JP	2004-349261	04396496	
210400469	US01	210400469US01	Patent	US	11/200353	7553031	
210400469	US02	210400469US02	Patent	US	12/475656	8113663	
210400469	CN01	210400469CN01	Patent	CN	200510087779.6	ZL200510087779.6	
210400470	US01	210400470US01	Patent	US	11/117715	7471874	
210400470	CN01	210400470CN01	Patent	CN	200510076758.4	ZL200510076758.4	
210400470	CN02	210400470CN02	Patent	CN	200910151473.0	ZL200910151473.0	
210400470	JP01	210400470JP01	Patent	JP	2004-300889	04039417	
210400470	JP02	210400470JP02	Patent	JP	2006-255174	04826407	
210400470	JP03	210400470JP03	Patent	JP	2009-237842	04973714	
210400471	JP01	210400471JP01	Patent	JP	2004-293192	04349250	
210400477	JP01	210400477JP01	Patent	JP	2005-027608	04514618	
210400477	JP02	210400477JP02	Patent	JP	2009-249669	04893801	
210400484	US01	210400484US01	Patent	US	11/200354	7551352	
210400484	CN01	210400484CN01	Patent	CN	200510092897.6	ZL200510092897.6	
210400498	CN01	210400498CN01	Patent	CN	200510090341.3	ZL200510090341.3	
210400498	JP01	210400498JP01	Patent	JP	2004-359315	04752260	
210400499	JP01	210400499JP01	Patent	JP	2005-017598	04525361	
210400514	US01	210400514US01	Patent	US	11/296291	7952597	
210400514	CN01	210400514CN01	Patent	CN	200510130391.X	ZL200510130391.X	
210400514	JP01	210400514JP01	Patent	JP	2004-356158	04788137	
210400524	JP01	210400524JP01	Patent	JP	2004-327167	04513516	
210400525	US01	210400525US01	Patent	US	11/302541	07303283	
210400525	CN01	210400525CN01	Patent	CN	200510134338.7	ZL200510134338.7	
210400525	JP01	210400525JP01	Patent	JP	2004-362186	04539319	
210400536	US01	210400536US01	Patent	US	11/208247	07340160	
210400536	CN01	210400536CN01	Patent	CN	200510105090.1	ZL200510105090.1	
210400536	JP01	210400536JP01	Patent	JP	2005-025006	04718196	
210400545	JP01	210400545JP01	Patent	JP	2004-372536	04434006	
210400548	US01	210400548US01	Patent	US	11/203457	7613383	
210400548	US02	210400548US02	Patent	US	12/567898	8644684	
210400548	US03	210400548US03	Patent	US	14/141417	09384783	
210400548	US04	210400548US04	Patent	US	15/176435		
210400548	CN01	210400548CN01	Patent	CN	200510093552.2	ZL200510093552.2	
210400548	JP01	210400548JP01	Patent	JP	2004-349264	04719454	
210400548	JP02	210400548JP02	Patent	JP	2008-268104	04400684	
210400548	JP03	210400548JP03	Patent	JP	2011-015926	05263308	
210400557	US01	210400557US01	Patent	US	11/281819	07440186	
210400557	CN01	210400557CN01	Patent	CN	200510127943.1	ZL200510127943.1	
210400567	JP01	210400567JP01	Patent	JP	2004-378768	04385943	
210400567	JP02	210400567JP02	Patent	JP	2009-007159	04483992	
210400567	JP03	210400567JP03	Patent	JP	2009-269431	04605302	
210400567	JP04	210400567JP04	Patent	JP	2010-091894	05120408	
210400568	JP01	210400568JP01	Patent	JP	2004-378767	04479501	
210500006	JP01	210500006JP01	Patent	JP	2005-025823	04839623	
210500008	US01	210500008US01	Patent	US	11/195870	7671901	
210500008	CN01	210500008CN01	Patent	CN	200510091719.1	ZL200510091719.1	
210500008	JP01	210500008JP01	Patent	JP	2005-080846	04736487	
210500008	JP02	210500008JP02	Patent	JP	2010-281136	05527195	
210500009	US01	210500009US01	Patent	US	11/312763	7543944	
210500009	CN01	210500009CN01	Patent	CN	200610001206.1	ZL200610001206.1	
210500009	JP01	210500009JP01	Patent	JP	2005-012232	04736436	
210500024	CN01	210500024CN01	Patent	CN	200610073349.3	ZL200610073349.3	
210500026	JP01	210500026JP01	Patent	JP	2005-167142	04723919	
210500027	US01	210500027US01	Patent	US	11/367382	7664368	
210500027	US02	210500027US02	Patent	US	12/692898	8478102	
210500027	US03	210500027US03	Patent	US	13/919647	09407894	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210500027	JP01	210500027JP01	Patent	JP	2005-100501	04052316	
210500027	JP02	210500027JP02	Patent	JP	2007-137383	04187047	
210500027	JP03	210500027JP03	Patent	JP	2008-180880	04650531	
210500027	JP04	210500027JP04	Patent	JP	2010-232084	04868076	
210500029	US01	210500029US01	Patent	US	11/795293	8369689	
210500029	CN01	210500029CN01	Patent	CN	200680007252.0	ZL200680007252.0	
210500029	JP02	210500029JP02	Patent	JP	2007-500456	04203530	
210500029	KR01	210500029KR01	Patent	KR	10-2007-7019445	10-0910279	
210500033	JP01	210500033JP01	Patent	JP	2005-151756	04442513	
210500039	US01	210500039US01	Patent	US	11/367701	7860369	
210500039	CN01	210500039CN01	Patent	CN	200610075847.1	ZL200610075847.1	
210500039	JP01	210500039JP01	Patent	JP	2005-130748	04297080	
210500040	CN02	210500040CN02	Patent	CN	200910145488.6	ZL200910145488.6	
210500040	JP01	210500040JP01	Patent	JP	2005-108146	04353124	
210500040	JP02	210500040JP02	Patent	JP	2009-139751	04766155	
210500055	CN01	210500055CN01	Patent	CN	200610066929.X	ZL200610066929.X	
210500055	JP01	210500055JP01	Patent	JP	2005-120482	04561453	
210500070	JP01	210500070JP01	Patent	JP	2005-140584	04770262	
210500075	US01	210500075US01	Patent	US	11/369076	7653723	
210500075	JP01	210500075JP01	Patent	JP	2005-076238	05092200	
210500075	KR01	210500075KR01	Patent	KR	10-2006-0024401	10-0800232	
210500082	JP01	210500082JP01	Patent	JP	2005-119302	04723276	
210500087	US01	210500087US01	Patent	US	11/412983	8044880	
210500087	US02	210500087US02	Patent	US	13/240326	8754830	
210500087	US03	210500087US03	Patent	US	14/265783	09189610	
210500087	CN01	210500087CN01	Patent	CN	200610078179.8	ZL200610078179.8	
210500087	CN02	210500087CN02	Patent	CN	201010221241.0	ZL201010221241.0	
210500087	JP01	210500087JP01	Patent	JP	2005-130744	04826130	
210500089	US01	210500089US01	Patent	US	11/367298	7620757	
210500089	JP01	210500089JP01	Patent	JP	2005-078370	04774766	
210500097	US01	210500097US01	Patent	US	11/364986	7516463	
210500097	US02	210500097US02	Patent	US	12/397523	8006255	
210500097	CN01	210500097CN01	Patent	CN	200610058122.1	ZL200610058122.1	
210500097	JP01	210500097JP01	Patent	JP	2005-139225	04349318	
210500098	JP01	210500098JP01	Patent	JP	2005-127770	04575230	
210500113	US01	210500113US01	Patent	US	11/448128	7714787	
210500113	US02	210500113US02	Patent	US	12/213318	7817094	
210500113	CN01	210500113CN01	Patent	CN	200610087930.0	ZL200610087930.0	
210500113	DE01	210500113DE01	Patent	DE	602006003819.4	01734659	
210500113	DE02	210500113DE02	Patent	DE	602006012939.4	1852979	
210500113	FR01	210500113FR01	Patent	FR	06252889.8	01734659	
210500113	FR02	210500113FR02	Patent	FR	07016077.5	1852979	
210500113	GB01	210500113GB01	Patent	GB	06252889.8	01734659	
210500113	GB02	210500113GB02	Patent	GB	07016077.5	1852979	
210500113	JP01	210500113JP01	Patent	JP	2005-166671	04959956	
210500118	JP01	210500118JP01	Patent	JP	2005-123080	05102940	
210500118	JP02	210500118JP02	Patent	JP	2011-082388	04973793	
210500119	JP01	210500119JP01	Patent	JP	2005-123079	04967247	
210500119	JP02	210500119JP02	Patent	JP	2011-114310	05168386	
210500120	US01	210500120US01	Patent	US	11/258384	07467872	
210500120	CN01	210500120CN01	Patent	CN	200510123270.2	ZL200510123270.2	
210500120	CN02	210500120CN02	Patent	CN	201010003347.3	ZL201010003347.3	
210500120	CN03	210500120CN03	Patent	CN	201010003346.9	ZL201010003346.9	
210500120	JP01	210500120JP01	Patent	JP	2005-111517	05114828	
210500120	JP02	210500120JP02	Patent	JP	2011-096692	05218592	
210500123	US01	210500123US01	Patent	US	11/280821	7586687	
210500123	US02	210500123US02	Patent	US	12/536163	7961400	
210500123	US03	210500123US03	Patent	US	13/099784	8169708	
210500123	CN01	210500123CN01	Patent	CN	200510127941.2	ZL200510127941.2	
210500123	CN02	210500123CN02	Patent	CN	200710141840.X	ZL200710141840.X	
210500123	CN03	210500123CN03	Patent	CN	200910173880.1	ZL200910173880.1	
210500123	JP02	210500123JP02	Patent	JP	2011-086922	05706746	
210500124	US01	210500124US01	Patent	US	11/407044	7553025	
210500124	CN01	210500124CN01	Patent	CN	200610076476.9	ZL200610076476.9	
210500124	JP01	210500124JP01	Patent	JP	2005-123452	04652110	
210500125	US01	210500125US01	Patent	US	11/500993	7532407	
210500125	US02	210500125US02	Patent	US	12/419423	7982958	
210500125	CN02	210500125CN02	Patent	CN	201310124631.X	ZL201310124631.X	
210500125	JP01	210500125JP01	Patent	JP	2005-231052	04939779	
210500125	JP02	210500125JP02	Patent	JP	2010-238312	04940344	
210500131	CN01	210500131CN01	Patent	CN	200510090652.X	ZL200510090652.X	
210500140	CN01	210500140CN01	Patent	CN	200510059855.2	ZL200510059855.2	
210500143	US01	210500143US01	Patent	US	11/367457	7529164	
210500143	US02	210500143US02	Patent	US	12/434820	7876653	
210500143	CN01	210500143CN01	Patent	CN	200610058369.3	ZL200610058369.3	
210500143	JP01	210500143JP01	Patent	JP	2005-175863	04380598	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210500144	JP01	210500144JP01	Patent	JP	2005-219150	04605654	
210500146	CN01	210500146CN01	Patent	CN	200610072462.X	ZL200610072462.X	
210500168	US01	210500168US01	Patent	US	11/412989	7916158	
210500168	CN01	210500168CN01	Patent	CN	200610078183.4	ZL200610078183.4	
210500168	JP01	210500168JP01	Patent	JP	2005-130980	04648071	
210500169	US01	210500169US01	Patent	US	11/444508	7916214	
210500169	CN01	210500169CN01	Patent	CN	200610084655.7	ZL200610084655.7	
210500169	GB01	210500169GB01	Patent	GB	0607287.0	GB2426882	
210500169	GB02	210500169GB02	Patent	GB	0621685.7	GB2432074	
210500169	JP01	210500169JP01	Patent	JP	2005-160864	04561482	
210500170	US01	210500170US01	Patent	US	11/444529	7750590	
210500170	CN01	210500170CN01	Patent	CN	200610088517.6	ZL200610088517.6	
210500170	JP01	210500170JP01	Patent	JP	2005-161453	04727301	
210500172	US01	210500172US01	Patent	US	11/455639	07436140	
210500172	CN01	210500172CN01	Patent	CN	200610093087.7	ZL200610093087.7	
210500172	JP01	210500172JP01	Patent	JP	2005-178713	04951881	
210500179	US01	210500179US01	Patent	US	11/368672	7777818	
210500179	CN01	210500179CN01	Patent	CN	200610067421.1	ZL200610067421.1	
210500184	JP01	210500184JP01	Patent	JP	2005-164241	04860187	
210500187	JP01	210500187JP01	Patent	JP	2005-184896	04421522	
210500191	US01	210500191US01	Patent	US	11/368696	7782406	
210500191	JP01	210500191JP01	Patent	JP	2005-182772	04665623	
210500193	US01	210500193US01	Patent	US	11/343217	7734143	
210500193	CN01	210500193CN01	Patent	CN	200610058548.7	ZL200610058548.7	
210500193	JP01	210500193JP01	Patent	JP	2005-171797	04670494	
210500193	JP03	210500193JP03	Patent	JP	2011-178715	05546508	
210500194	US01	210500194US01	Patent	US	11/367387	7865064	
210500194	CN01	210500194CN01	Patent	CN	200610067418.X	ZL200610067418.X	
210500194	CN02	210500194CN02	Patent	CN	200910168235.0	ZL200910168235.0	
210500194	JP01	210500194JP01	Patent	JP	2005-168978	04650112	
210500213	US01	210500213US01	Patent	US	11/418141	7978153	
210500213	JP01	210500213JP01	Patent	JP	2005-141134	04881576	
210500213	KR01	210500213KR01	Patent	KR	10-2006-0032608	10-0824848	
210500213	KR02	210500213KR02	Patent	KR	10-2007-0049875	10-0804368	
210500217	JP01	210500217JP01	Patent	JP	2005-137987	04984427	
210500219	CN01	210500219CN01	Patent	CN	200610082590.2	ZL200610082590.2	
210500224	CN01	210500224CN01	Patent	CN	200610065519.3	ZL200610065519.3	
210500224	JP01	210500224JP01	Patent	JP	2005-120484	04525437	
210500229	JP01	210500229JP01	Patent	JP	2005-130750	04506548	
210500230	US01	210500230US01	Patent	US	11/367703	7719619	
210500230	CN01	210500230CN01	Patent	CN	200610067108.8	ZL200610067108.8	
210500230	GB01	210500230GB01	Patent	GB	0604472.1	GB2425670	
210500230	GB02	210500230GB02	Patent	GB	0624100.4	GB2431810	
210500230	JP01	210500230JP01	Patent	JP	2005-130737	04617989	
210500231	JP01	210500231JP01	Patent	JP	2005-130751	04501766	
210500238	US01	210500238US01	Patent	US	11/451327	7771056	
210500238	US02	210500238US02	Patent	US	12/644168	7891825	
210500238	CN01	210500238CN01	Patent	CN	200610092302.1	ZL200610092302.1	
210500238	CN02	210500238CN02	Patent	CN	200710196167.X	ZL200710196167.X	
210500238	CN03	210500238CN03	Patent	CN	200910142483.8	ZL200910142483.8	
210500238	JP01	210500238JP01	Patent	JP	2005-177127	04972883	
210500241	JP01	210500241JP01	Patent	JP	2005-160867	04867204	
210500242	JP01	210500242JP01	Patent	JP	2005-333093	05107516	
210500266	JP01	210500266JP01	Patent	JP	2005-328827	04749126	
210500269	JP01	210500269JP01	Patent	JP	2005-260045	04715404	
210500273	JP01	210500273JP01	Patent	JP	2005-170295	04774820	
210500276	US01	210500276US01	Patent	US	11/475137	8130794	
210500276	US03	210500276US03	Patent	US	14/248691	09392321	
210500276	US04	210500276US04	Patent	US	15/184245	09686578	
210500276	US05	210500276US05	Patent	US	15/179154		
210500276	US06	210500276US06	Patent	US	15/598654		
210500276	CN01	210500276CN01	Patent	CN	200610094677.1	ZL200610094677.1	
210500276	CN02	210500276CN02	Patent	CN	200910119023.3	ZL200910119023.3	
210500276	JP01	210500276JP01	Patent	JP	2005-185925	05082209	
210500276	JP02	210500276JP02	Patent	JP	2011-011513	05380473	
210500276	JP04	210500276JP04	Patent	JP	2014-003857	05695226	
210500276	JP05	210500276JP05	Patent	JP	2014-116847	05926767	
210500276	JP06	210500276JP06	Patent	JP	2015-007736	06039707	
210500276	JP07	210500276JP07	Patent	JP	2016-168152	06171065	
210500276	JP08	210500276JP08	Patent	JP	2016-168153		
210500276	JP09	210500276JP09	Patent	JP	2017-047169		
210500277	US01	210500277US01	Patent	US	11/480388	7611246	
210500277	CN01	210500277CN01	Patent	CN	200610100250.8	ZL200610100250.8	
210500277	JP01	210500277JP01	Patent	JP	2005-195658	04665630	
210500284	US01	210500284US01	Patent	US	11/489613	7554798	
210500284	US02	210500284US02	Patent	US	12/485147	8093811	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210500284	CN01	210500284CN01	Patent	CN	200610107733.0	ZL200610107733.0	
210500284	CN02	210500284CN02	Patent	CN	200910138684.0	ZL200910138684.0	
210500284	JP01	210500284JP01	Patent	JP	2005-213200	04746931	
210500284	JP02	210500284JP02	Patent	JP	2011-012452	04747226	
210500284	KR01	210500284KR01	Patent	KR	10-2006-0067420	10-0894379	
210500293	JP01	210500293JP01	Patent	JP	2005-187545	04622702	
210500295	JP01	210500295JP01	Patent	JP	2005-257241	04857672	
210500299	US01	210500299US01	Patent	US	11/367389	7668391	
210500299	CN01	210500299CN01	Patent	CN	200610079055.1	ZL200610079055.1	
210500299	KR01	210500299KR01	Patent	KR	10-2006-0034626	10-0786931	
210500304	US01	210500304US01	Patent	US	11/362733	7623759	
210500305	US01	210500305US01	Patent	US	11/474394	7602945	
210500305	CN01	210500305CN01	Patent	CN	200610107867.2	ZL200610107867.2	
210500305	JP01	210500305JP01	Patent	JP	2005-258667	04720386	
210500314	JP01	210500314JP01	Patent	JP	2005-206314	04517962	
210500321	JP01	210500321JP01	Patent	JP	2005-290639	04788275	
210500323	US01	210500323US01	Patent	US	11/592176	7535648	
210500323	CN01	210500323CN01	Patent	CN	200610163918.3	ZL200610163918.3	
210500323	CN02	210500323CN02	Patent	CN	201010158525.X	ZL201010158525.X	
210500323	DE01	210500323DE01	Patent	DE	602006026490.9	1783527	
210500323	FR01	210500323FR01	Patent	FR	06255509.9	1783527	
210500323	IT01	210500323IT01	Patent	IT	06255509.9	1783527	
210500323	JP01	210500323JP01	Patent	JP	2005-321006	04933083	
210500328	US01	210500328US01	Patent	US	11/370505	7756409	
210500328	CN01	210500328CN01	Patent	CN	200610073026.4	ZL200610073026.4	
210500328	JP01	210500328JP01	Patent	JP	2005-266219	04919637	
210500329	JP01	210500329JP01	Patent	JP	2005-291899	04548297	
210500331	KR01	210500331KR01	Patent	KR	10-2006-0085056	10-0816595	
210500338	US01	210500338US01	Patent	US	11/543354	7773140	
210500338	CN01	210500338CN01	Patent	CN	200610143774.5	ZL200610143774.5	
210500338	JP01	210500338JP01	Patent	JP	2005-291900	04899402	
210500340	US01	210500340US01	Patent	US	11/487582	7848614	
210500343	US01	210500343US01	Patent	US	11/478620	8526791	
210500343	CN01	210500343CN01	Patent	CN	200610106311.1	ZL200610106311.1	
210500343	JP01	210500343JP01	Patent	JP	2005-279024	04876504	
210500343	KR01	210500343KR01	Patent	KR	10-2006-0067296	10-0759171	
210500344	US01	210500344US01	Patent	US	11/369004	8902991	
210500344	CN01	210500344CN01	Patent	CN	200610066683.6	ZL200610066683.6	
210500344	JP01	210500344JP01	Patent	JP	2005-229013	05194343	
210500344	JP02	210500344JP02	Patent	JP	2011-204072	05201251	
210500345	US01	210500345US01	Patent	US	11/367295	7924919	
210500345	US02	210500345US02	Patent	US	13/079056	8249155	
210500345	CN01	210500345CN01	Patent	CN	200610073354.4	ZL200610073354.4	
210500345	CN02	210500345CN02	Patent	CN	201010248500.9	ZL201010248500.9	
210500345	JP02	210500345JP02	Patent	JP	2010-098389	05240230	
210500347	US01	210500347US01	Patent	US	11/482831	7920773	
210500347	CN01	210500347CN01	Patent	CN	200610101728.9	ZL200610101728.9	
210500347	JP01	210500347JP01	Patent	JP	2005-229014	04600203	
210500351	US01	210500351US01	Patent	US	11/500969	7753535	
210500351	US02	210500351US02	Patent	US	12/813994	8020998	
210500351	US03	210500351US03	Patent	US	13/209153	8142025	
210500351	US04	210500351US04	Patent	US	13/361588	8425054	
210500351	US05	210500351US05	Patent	US	13/867425	8727542	
210500351	US06	210500351US06	Patent	US	14/258385	09383634	
210500351	US07	210500351US07	Patent	US	15/173253	09715167	
210500351	US08	210500351US08	Patent	US	15/651770		
210500351	CN01	210500351CN01	Patent	CN	200610115432.2	ZL200610115432.2	
210500351	CN02	210500351CN02	Patent	CN	200810168368.3	ZL200810168368.3	
210500351	CN03	210500351CN03	Patent	CN	200810168369.8	ZL200810168369.8	
210500351	JP01	210500351JP01	Patent	JP	2005-230230	04904741	
210500351	JP02	210500351JP02	Patent	JP	2009-296681	04905548	
210500351	JP03	210500351JP03	Patent	JP	2011-082389	05126381	
210500351	JP04	210500351JP04	Patent	JP	2012-059609	05352694	
210500352	JP01	210500352JP01	Patent	JP	2005-230229	05017815	
210500353	US01	210500353US01	Patent	US	11/501197	7798653	
210500353	CN01	210500353CN01	Patent	CN	200610115430.3	ZL200610115430.3	
210500353	JP01	210500353JP01	Patent	JP	2005-230228	05002923	
210500357	JP01	210500357JP01	Patent	JP	2005-240835	04721822	
210500366	CN01	210500366CN01	Patent	CN	200610126005.4	ZL200610126005.4	
210500369	US01	210500369US01	Patent	US	11/508209	8170394	
210500369	US02	210500369US02	Patent	US	13/443955	09489985	
210500369	US03	210500369US03	Patent	US	15/287074		
210500369	US04	210500369US04	Patent	US	15/670155		
210500369	JP01	210500369JP01	Patent	JP	2005-248576	04640046	
210500370	CN01	210500370CN01	Patent	CN	200610084685.8	ZL200610084685.8	
210500370	JP01	210500370JP01	Patent	JP	2005-248580	04792876	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210500370	JP02	210500370JP02	Patent	JP	2011-129776	04894970	
210500376	JP01	210500376JP01	Patent	JP	2005-248575	04871550	
210500387	JP01	210500387JP01	Patent	JP	2005-333564	04894239	
210500390	US01	210500390US01	Patent	US	11/473087	7670007	
210500390	CN01	210500390CN01	Patent	CN	200610106442.X	ZL200610106442.X	
210500390	JP01	210500390JP01	Patent	JP	2005-362594	04910384	
210500393	US01	210500393US01	Patent	US	11/637988	7907812	
210500393	CN01	210500393CN01	Patent	CN	200610169907.6	ZL200610169907.6	
210500393	DE01	210500393DE01	Patent	DE	602006022151.7	1801809	
210500393	FR01	210500393FR01	Patent	FR	06256315.0	1801809	
210500393	GB01	210500393GB01	Patent	GB	06256315.0	1801809	
210500393	JP01	210500393JP01	Patent	JP	2005-369023	04501854	
210500393	JP02	210500393JP02	Patent	JP	2010-050034	04998574	
210500413	US01	210500413US01	Patent	US	11/371256	07359199	
210500413	CN01	210500413CN01	Patent	CN	200610065005.8	ZL200610065005.8	
210500413	JP01	210500413JP01	Patent	JP	2005-328247	04438737	
210500420	US01	210500420US01	Patent	US	11/604809	7982804	
210500420	CN01	210500420CN01	Patent	CN	200610160514.9	ZL200610160514.9	
210500420	JP01	210500420JP01	Patent	JP	2005-341646	04755489	
210500421	US01	210500421US01	Patent	US	11/638243	7590348	
210500421	CN01	210500421CN01	Patent	CN	200610169458.5	ZL200610169458.5	
210500421	JP01	210500421JP01	Patent	JP	2005-362595	04706466	
210500424	US01	210500424US01	Patent	US	11/602956	7952645	
210500424	US02	210500424US02	Patent	US	13/082797	8289450	
210500424	CN01	210500424CN01	Patent	CN	200610146813.7	ZL200610146813.7	
210500424	DE01	210500424DE01	Patent	DE	602006041288.6	1791351	
210500424	GB01	210500424GB01	Patent	GB	06255978.6	1791351	
210500424	JP01	210500424JP01	Patent	JP	2005-338000	04626497	
210500424	KR01	210500424KR01	Patent	KR	10-2006-0116442	10-0842498	
210500424	KR02	210500424KR02	Patent	KR	10-2008-0026977	10-0895738	
210500434	US01	210500434US01	Patent	US	11/513523	7529023	
210500434	CN01	210500434CN01	Patent	CN	200610126454.9	ZL200610126454.9	
210500434	JP01	210500434JP01	Patent	JP	2005-369022	05055765	
210500435	JP01	210500435JP01	Patent	JP	2005-350332	04539545	
210500441	JP01	210500441JP01	Patent	JP	2006-008433	05002158	
210500447	JP01	210500447JP01	Patent	JP	2005-354259	04646791	
210500448	JP01	210500448JP01	Patent	JP	2005-357600	04621125	
210500467	JP01	210500467JP01	Patent	JP	2006-042794	04774315	
210500490	JP01	210500490JP01	Patent	JP	2006-009386	04687469	
210500500	US01	210500500US01	Patent	US	11/622041	7839433	
210500502	JP01	210500502JP01	Patent	JP	2005-365692	04625764	
210500502	JP02	210500502JP02	Patent	JP	2010-203870	04783860	
210500502	JP03	210500502JP03	Patent	JP	2010-263074	04801792	
210500502	JP04	210500502JP04	Patent	JP	2010-263073	05183721	
210500502	JP05	210500502JP05	Patent	JP	2011-082390	05017474	
210500502	JP06	210500502JP06	Patent	JP	2012-078872	05095022	
210500503	JP01	210500503JP01	Patent	JP	2006-011885	04679372	
210500517	JP01	210500517JP01	Patent	JP	2006-005601	04675243	
210500521	CN01	210500521CN01	Patent	CN	200610164600.7	ZL200610164600.7	
210500523	JP01	210500523JP01	Patent	JP	2006-019983	04935089	
210500524	US01	210500524US01	Patent	US	11/474150	7675679	
210500531	JP01	210500531JP01	Patent	JP	2006-011840	05028013	
210500531	JP02	210500531JP02	Patent	JP	2009-178557	05028454	
210500532	US01	210500532US01	Patent	US	11/638369	8368755	
210500532	JP01	210500532JP01	Patent	JP	2005-361179	04752486	
210500552	JP01	210500552JP01	Patent	JP	2005-306532	04487899	
210500553	KR01	210500553KR01	Patent	KR	10-2006-0084013	10-0776876	
210500555	JP01	210500555JP01	Patent	JP	2006-021651	04929736	
210500581	US01	210500581US01	Patent	US	11/604331	8421788	
210500581	CN01	210500581CN01	Patent	CN	200610167011.4	ZL200610167011.4	
210500581	JP01	210500581JP01	Patent	JP	2006-009472	04850518	
210500584	US01	210500584US01	Patent	US	11/513362	07474849	
210500584	CN01	210500584CN01	Patent	CN	200610126444.5	ZL200610126444.5	
210500584	JP01	210500584JP01	Patent	JP	2005-344876	04052330	
210500585	CN01	210500585CN01	Patent	CN	200610126449.8	ZL200610126449.8	
210500590	CN01	210500590CN01	Patent	CN	200610163303.0	ZL200610163303.0	
210500600	US01	210500600US01	Patent	US	11/640847	7876553	
210500600	CN01	210500600CN01	Patent	CN	200610168735.0	ZL200610168735.0	
210500600	DE01	210500600DE01	Patent	DE	602006017646.5	1798748	
210500600	FR01	210500600FR01	Patent	FR	06256238.4	1798748	
210500600	GB01	210500600GB01	Patent	GB	06256238.4	1798748	
210500600	JP01	210500600JP01	Patent	JP	2005-364215	04929702	
210500602	JP01	210500602JP01	Patent	JP	2006-018366	04835170	
210500605	JP01	210500605JP01	Patent	JP	2005-355645	04625757	
210500605	JP02	210500605JP02	Patent	JP	2009-132664	04625870	
210500605	JP03	210500605JP03	Patent	JP	2009-237843	04654309	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210500605	JP04	210500605JP04	Patent	JP	2010-154418	05094922	
210500620	CN01	210500620CN01	Patent	CN	200610126002.0	ZL200610126002.0	
210500620	JP01	210500620JP01	Patent	JP	2006-026495	05098182	
210500626	CN02	210500626CN02	Patent	CN	201210135488.X	ZL201210135488.X	
210500626	JP01	210500626JP01	Patent	JP	2005-371299	04792965	
210500626	JP02	210500626JP02	Patent	JP	2010-098390	05035384	
210500636	JP01	210500636JP01	Patent	JP	2006-149800	04834460	
210500637	JP01	210500637JP01	Patent	JP	2006-151567	05085888	
210500638	US01	210500638US01	Patent	US	11/649426	7681217	
210500641	US01	210500641US01	Patent	US	11/513325	7753533	
210500641	CN01	210500641CN01	Patent	CN	200610126008.8	ZL200610126008.8	
210500641	JP01	210500641JP01	Patent	JP	2006-065026	05011760	
210500649	US01	210500649US01	Patent	US	11/686433	7674052	
210500649	CN01	210500649CN01	Patent	CN	200710101666.6	ZL200710101666.6	
210588175	US04	210588175US04	Patent	US	11/263472	7705806	
210588189	US01	210588189US01	Patent	US	08/925072	06278421	
210588189	DE01	210588189DE01	Patent	DE	69740048.4	0841652	
210588189	GB01	210588189GB01	Patent	GB	97307031.1	0841652	
210588189	KR01	210588189KR01	Patent	KR	10-1997-0050873	10-0389933	
210588190	US01	210588190US01	Patent	US	08/941107	06072448	
210588193	US01	210588193US01	Patent	US	09/310204	06608609	
210588193	JP01	210588193JP01	Patent	JP	H10-184520	03556097	
210588193	KR01	210588193KR01	Patent	KR	10-1999-0019420	10-0563404	
210588194	US01	210588194US01	Patent	US	09/250433	06326938	
210588194	JP01	210588194JP01	Patent	JP	H10-079793	03544855	
210588194	KR01	210588194KR01	Patent	KR	10-1999-0007865	10-0439062	
210588195	US01	210588195US01	Patent	US	09/181648	06636187	
210588195	DE01	210588195DE01	Patent	DE	69842274.0	0945844	
210588195	FR01	210588195FR01	Patent	FR	98309013.5	0945844	
210588195	GB01	210588195GB01	Patent	GB	98309013.5	0945844	
210588195	JP01	210588195JP01	Patent	JP	H10-079660	03403635	
210588195	KR01	210588195KR01	Patent	KR	10-1998-0049168	10-0329534	
210588200	US01	210588200US01	Patent	US	09/115911	06512501	
210588200	DE01	210588200DE01	Patent	DE	69838409.1	00903719	
210588200	DE03	210588200DE03	Patent	DE	69842685.1	1830340	
210588200	FR01	210588200FR01	Patent	FR	98305647.4	00903719	
210588200	FR03	210588200FR03	Patent	FR	07012390.6	1830340	
210588200	GB01	210588200GB01	Patent	GB	98305647.4	00903719	
210588200	GB03	210588200GB03	Patent	GB	07012390.6	1830340	
210588200	KR01	210588200KR01	Patent	KR	10-1998-0028600	10-0354678	
210588200	KR02	210588200KR02	Patent	KR	10-2002-0022257	10-0388842	
210588200	KR03	210588200KR03	Patent	KR	10-2002-0022258	10-0388843	
210588204	US01	210588204US01	Patent	US	09/488018	06353292	
210588204	US02	210588204US02	Patent	US	10/028442	6882114	
210588204	CN01	210588204CN01	Patent	CN	00102241.5	ZL00102241.5	
210588204	JP01	210588204JP01	Patent	JP	H11-074478	03589892	
210588204	KR01	210588204KR01	Patent	KR	10-2000-0003202	10-0528017	
210588207	US01	210588207US01	Patent	US	09/334623	06707436	
210588207	US02	210588207US02	Patent	US	10/748328	07009585	
210588207	US03	210588207US03	Patent	US	11/224999	07345667	
210588207	US04	210588207US04	Patent	US	11/334515	7825875	
210588207	US05	210588207US05	Patent	US	11/842570	8022897	
210588207	US06	210588207US06	Patent	US	11/842649	8558761	
210588207	US07	210588207US07	Patent	US	11/842683	7906914	
210588207	US08	210588207US08	Patent	US	11/842713	8018167	
210588207	US09	210588207US09	Patent	US	11/842734	8018168	
210588207	US10	210588207US10	Patent	US	13/137354	8344631	
210588207	US11	210588207US11	Patent	US	14/036720	8791933	
210588207	CN01	210588207CN01	Patent	CN	99111254.7	ZL99111254.7	
210588207	CN02	210588207CN02	Patent	CN	200410001342.1	ZL200410001342.1	
210588207	CN03	210588207CN03	Patent	CN	200610099961.8	ZL200610099961.8	
210588207	CN04	210588207CN04	Patent	CN	200610099969.4	ZL200610099969.4	
210588207	CN05	210588207CN05	Patent	CN	200610099968.X	ZL200610099968.X	
210588207	CN06	210588207CN06	Patent	CN	200610099967.5	ZL200610099967.5	
210588207	CN07	210588207CN07	Patent	CN	200610099966.0	ZL200610099966.0	
210588207	DE01	210588207DE01	Patent	DE	69939636.0	00965975	
210588207	DE02	210588207DE02	Patent	DE	69934524.3	01326225	
210588207	DE03	210588207DE03	Patent	DE	69944948.0	1455334	
210588207	FR01	210588207FR01	Patent	FR	99304808.1	00965975	
210588207	FR02	210588207FR02	Patent	FR	03000176.2	01326225	
210588207	FR03	210588207FR03	Patent	FR	04010431.7	1455334	
210588207	GB01	210588207GB01	Patent	GB	99304808.1	00965975	
210588207	GB02	210588207GB02	Patent	GB	03000176.2	01326225	
210588207	GB03	210588207GB03	Patent	GB	04010431.7	1455334	
210588207	JP01	210588207JP01	Patent	JP	H11-061660	03424587	
210588207	JP02	210588207JP02	Patent	JP	2002-356619	03720020	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210588207	JP03	210588207JP03	Patent	JP	2002-356620	03711381	
210588207	JP04	210588207JP04	Patent	JP	2003-421805	03698709	
210588207	JP05	210588207JP05	Patent	JP	2005-078809	03867803	
210588207	JP06	210588207JP06	Patent	JP	2005-174698	03821832	
210588207	JP07	210588207JP07	Patent	JP	2006-133580	03984270	
210588207	JP08	210588207JP08	Patent	JP	2006-133634	03984271	
210588207	JP09	210588207JP09	Patent	JP	2007-060836	04018129	
210588207	JP10	210588207JP10	Patent	JP	2007-218944	04157588	
210588207	JP11	210588207JP11	Patent	JP	2008-086161	04316649	
210588207	KR01	210588207KR01	Patent	KR	10-1999-0022480	10-0690511	
210588207	KR02	210588207KR02	Patent	KR	10-2005-0078771	10-0629156	
210588207	KR04	210588207KR04	Patent	KR	10-2006-0026460	10-0701479	
210588207	KR05	210588207KR05	Patent	KR	10-2006-0087241	10-0658134	
210588207	KR06	210588207KR06	Patent	KR	10-2006-0120365	10-0943010	
210588207	KR07	210588207KR07	Patent	KR	10-2006-0119908	10-0746252	
210588207	KR08	210588207KR08	Patent	KR	10-2007-0041913	10-0953573	
210588207	KR09	210588207KR09	Patent	KR	10-2008-0013954	10-0970154	
210588207	KR10	210588207KR10	Patent	KR	10-2010-0003754	10-0970157	
210588207	TW01	210588207TW01	Patent	TW	88110241	176152	
210588208	US01	210588208US01	Patent	US	09/595911	06593693	
210588211	US01	210588211US01	Patent	US	09/440704	06836261	
210588211	CN01	210588211CN01	Patent	CN	99126511.4	Z199126511.4	
210588211	JP02	210588211JP02	Patent	JP	2006-019728	04130460	
210588213	JP01	210588213JP01	Patent	JP	H11-180832	04349501	
210588214	US01	210588214US01	Patent	US	09/458809	06535224	
210588214	JP02	210588214JP02	Patent	JP	2004-110297	03811738	
210588214	KR01	210588214KR01	Patent	KR	10-1999-0059169	10-0563405	
210588215	US01	210588215US01	Patent	US	09/537757	06724356	
210588215	JP01	210588215JP01	Patent	JP	2000-130675	04406743	
210588215	KR01	210588215KR01	Patent	KR	10-2000-0016158	10-0563406	
210588216	US01	210588216US01	Patent	US	09/606434	06686912	
210588216	JP01	210588216JP01	Patent	JP	2000-188663	03201603	
210588216	JP02	210588216JP02	Patent	JP	2001-027279	04827040	
210588216	KR01	210588216KR01	Patent	KR	10-2000-0035880	10-0681775	
210588216	KR02	210588216KR02	Patent	KR	10-2005-0027509	10-0662069	
210588216	KR03	210588216KR03	Patent	KR	10-2006-0014620	10-0662072	
210588216	KR04	210588216KR04	Patent	KR	10-2006-0072873	10-0658133	
210589058	US03	210589058US03	Patent	US	10/453488	07027012	
210589058	US04	210589058US04	Patent	US	11/320731	07495636	
210589058	US05	210589058US05	Patent	US	12/371401	8044888	
210589080	US01	210589080US01	Patent	US	09/039243	06020687	
210589087	KR01	210589087KR01	Patent	KR	10-1997-0070570	10-0326102	
210589093	US01	210589093US01	Patent	US	09/042849	06012388	
210589094	US01	210589094US01	Patent	US	09/012546	06057643	
210589117	US01	210589117US01	Patent	US	09/017669	06054970	
210589124	US01	210589124US01	Patent	US	08/963828	06242864	
210589124	KR01	210589124KR01	Patent	KR	10-1997-0066198	10-0374657	
210589124	KR02	210589124KR02	Patent	KR	10-2002-0060080	10-0553985	
210589129	US01	210589129US01	Patent	US	09/045043	06097358	
210589135	JP01	210589135JP01	Patent	JP	H10-011267	03358522	
210589146	US01	210589146US01	Patent	US	09/082935	05989089	
210589146	JP01	210589146JP01	Patent	JP	H09-285887	03427699	
210589146	KR01	210589146KR01	Patent	KR	10-1998-0029218	10-0276629	
210589148	US01	210589148US01	Patent	US	09/289583	06600265	
210589148	US02	210589148US02	Patent	US	10/123205	06514111	
210589148	JP01	210589148JP01	Patent	JP	H10-194556	03428446	
210589148	KR01	210589148KR01	Patent	KR	10-1999-0015656	10-0362832	
210589156	US01	210589156US01	Patent	US	09/227082	06456263	
210589156	US02	210589156US02	Patent	US	10/188858	06982685	
210589156	US03	210589156US03	Patent	US	11/182826	7719487	
210589156	US04	210589156US04	Patent	US	11/828047	7675484	
210589156	US05	210589156US05	Patent	US	11/828081	7965261	
210589156	US07	210589156US07	Patent	US	12/382821	7817113	
210589156	DE01	210589156DE01	Patent	DE	69944450.0	0967589	
210589156	FR01	210589156FR01	Patent	FR	99300248.4	0967589	
210589156	GB01	210589156GB01	Patent	GB	99300248.4	0967589	
210589156	JP01	210589156JP01	Patent	JP	H10-157107	04210805	
210589156	JP02	210589156JP02	Patent	JP	2007-007678	04252092	
210589156	JP03	210589156JP03	Patent	JP	2007-011134	04223059	
210589156	JP04	210589156JP04	Patent	JP	2008-163323	05116574	
210589156	KR01	210589156KR01	Patent	KR	10-1999-0001866	10-0320333	
210589156	NL01	210589156NL01	Patent	NL	99300248.4	0967589	
210589160	JP01	210589160JP01	Patent	JP	H10-202481	03447568	
210589165	US01	210589165US01	Patent	US	09/763572	06713959	
210589165	US02	210589165US02	Patent	US	10/810661	07371508	
210589165	JP01	210589165JP01	Patent	JP	H10-243337	03369112	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210589165	KR02	210589165KR02	Patent	KR	10-2006-7001433	10-0636264	
210589181	JP01	210589181JP01	Patent	JP	H10-298399	03645103	
210589188	US02	210589188US02	Patent	US	11/335899	RE41872	
210589188	US03	210589188US03	Patent	US	12/388870	RE41817	
210589188	US05	210589188US05	Patent	US	12/684811	RE43267	
210589188	US08	210589188US08	Patent	US	12/907945	RE44003	
210589188	US09	210589188US09	Patent	US	13/431576	RE44757	
210589188	US10	210589188US10	Patent	US	13/619056	RE45167	
210589188	DE01	210589188DE01	Patent	DE	69942716.9	1003149	
210589188	DE03	210589188DE03	Patent	DE	69944686.4	1837848	
210589188	FR01	210589188FR01	Patent	FR	99308563.8	1003149	
210589188	FR03	210589188FR03	Patent	FR	07111012.6	1837848	
210589188	GB01	210589188GB01	Patent	GB	99308563.8	1003149	
210589188	GB03	210589188GB03	Patent	GB	07111012.6	1837848	
210589188	JP01	210589188JP01	Patent	JP	H10-330447	03466098	
210589188	KR01	210589188KR01	Patent	KR	10-1999-0047475	10-0643641	
210589188	KR02	210589188KR02	Patent	KR	10-2006-0005470	10-0751000	
210589188	KR03	210589188KR03	Patent	KR	10-2006-0064034	10-0766989	
210589188	KR04	210589188KR04	Patent	KR	10-2006-0133631	10-0740970	
210589188	KR05	210589188KR05	Patent	KR	10-2006-0133638	10-0692482	
210589188	KR06	210589188KR06	Patent	KR	10-2007-0018539	10-0803255	
210589188	KR07	210589188KR07	Patent	KR	10-2007-0085433	10-0808230	
210589188	KR08	210589188KR08	Patent	KR	10-2007-0131156	10-0917371	
210589188	KR09	210589188KR09	Patent	KR	10-2008-0034805	10-0917372	
210589188	KR10	210589188KR10	Patent	KR	10-2008-0034807	10-0917373	
210589188	NL01	210589188NL01	Patent	NL	99308563.8	1003149	
210589188	NL03	210589188NL03	Patent	NL	07111012.6	1837848	
210589190	US01	210589190US01	Patent	US	09/236581	06337538	
210589190	JP01	210589190JP01	Patent	JP	H10-196800	04129824	
210589190	KR01	210589190KR01	Patent	KR	10-1999-0003661	10-0351557	
210589191	US01	210589191US01	Patent	US	09/289579	06450849	
210589191	JP01	210589191JP01	Patent	JP	H10-191273	03481142	
210589195	JP01	210589195JP01	Patent	JP	H10-341199	04126577	
210589216	US01	210589216US01	Patent	US	09/375007	06847415	
210589221	US01	210589221US01	Patent	US	09/593424	07126562	
210589221	DE01	210589221DE01	Patent	DE	60032196.7	01065648	
210589221	FR01	210589221FR01	Patent	FR	00305022.6	01065648	
210589221	JP01	210589221JP01	Patent	JP	H11-186818	03580732	
210589221	KR01	210589221KR01	Patent	KR	10-2000-0033551	10-0657386	
210589221	NL01	210589221NL01	Patent	NL	00305022.6	01065648	
210589221	TW01	210589221TW01	Patent	TW	89112098	191242	
210589222	US01	210589222US01	Patent	US	09/339199	06827623	
210589222	JP02	210589222JP02	Patent	JP	2003-124445	03841172	
210589235	JP01	210589235JP01	Patent	JP	H11-185665	03849070	
210589246	US01	210589246US01	Patent	US	09/560870	06249087	
210589246	JP01	210589246JP01	Patent	JP	H11-182744	03455141	
210589246	KR01	210589246KR01	Patent	KR	10-2000-0013625	10-0681773	
210589269	US01	210589269US01	Patent	US	09/729318	06545423	
210589269	JP01	210589269JP01	Patent	JP	2000-052738	03772958	
210589270	US01	210589270US01	Patent	US	09/729092	06369514	
210589270	JP01	210589270JP01	Patent	JP	2000-067977	03511495	
210589277	US01	210589277US01	Patent	US	09/803994	06784858	
210589283	US01	210589283US01	Patent	US	09/949086	06833823	
210589283	JP01	210589283JP01	Patent	JP	2001-098321	04158875	
210589283	KR01	210589283KR01	Patent	KR	10-2001-0059979	10-0764347	
210589286	US01	210589286US01	Patent	US	09/904833	06747614	
210589286	JP01	210589286JP01	Patent	JP	2001-077529	03529737	
210589286	KR01	210589286KR01	Patent	KR	10-2001-0045943	10-0809406	
210589288	US01	210589288US01	Patent	US	09/994791	06720940	
210589288	JP01	210589288JP01	Patent	JP	2001-163857	05077860	
210589288	KR01	210589288KR01	Patent	KR	10-2001-0074858	10-0773214	
210589291	US01	210589291US01	Patent	US	09/981970	06753833	
210589291	JP01	210589291JP01	Patent	JP	2001-216271	04093295	
210589296	US01	210589296US01	Patent	US	10/021083	06525486	
210589296	JP01	210589296JP01	Patent	JP	2001-199011	04269133	
210589296	KR01	210589296KR01	Patent	KR	10-2001-0077832	10-0780065	
210589299	US01	210589299US01	Patent	US	10/028367	6937213	
210589299	JP01	210589299JP01	Patent	JP	2001-263684	04512971	
210589303	US01	210589303US01	Patent	US	10/345337	6914585	
210589303	CN01	210589303CN01	Patent	CN	03102311.8	ZL03102311.8	
210589303	JP01	210589303JP01	Patent	JP	2002-049047	03683223	
210589303	KR01	210589303KR01	Patent	KR	10-2002-0085803	10-0904932	
210589307	US01	210589307US01	Patent	US	10/372171	06653793	
210589307	CN01	210589307CN01	Patent	CN	03108231.9	ZL03108231.9	
210589308	JP01	210589308JP01	Patent	JP	2002-085895	03861125	
210589313	CN01	210589313CN01	Patent	CN	03149402.1	ZL03149402.1	



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210589314	CN01	210589314CN01	Patent	CN	03149344.0	ZL03149344.0	
210589315	US01	210589315US01	Patent	US	10/634830	07109662	
210589315	CN01	210589315CN01	Patent	CN	03153442.2	ZL03153442.2	
210589315	JP01	210589315JP01	Patent	JP	2002-235596	04557201	
210589317	US01	210589317US01	Patent	US	10/459608	07123218	
210589317	JP01	210589317JP01	Patent	JP	2002-186054	04162434	
210589318	US01	210589318US01	Patent	US	10/617227	07327082	
210589318	US02	210589318US02	Patent	US	11/482931	07264528	
210589318	CN01	210589318CN01	Patent	CN	03133110.6	ZL03133110.6	
210589320	CN01	210589320CN01	Patent	CN	03148473.5	ZL03148473.5	
210589322	US01	210589322US01	Patent	US	10/642180	07170471	
210589322	US02	210589322US02	Patent	US	11/627901	7737917	
210589322	CN01	210589322CN01	Patent	CN	03155593.4	ZL03155593.4	
210589322	CN02	210589322CN02	Patent	CN	200610005102.8	ZL200610005102.8	
210589322	CN03	210589322CN03	Patent	CN	200810095720.5	ZL200810095720.5	
210589322	JP02	210589322JP02	Patent	JP	2008-130943	04215815	
210589325	JP01	210589325JP01	Patent	JP	2003-024506	04310619	
210589328	US01	210589328US01	Patent	US	10/386664	07037445	
210589328	CN01	210589328CN01	Patent	CN	03107234.8	ZL03107234.8	
210589328	JP01	210589328JP01	Patent	JP	2003-028846	04235748	
210589335	US01	210589335US01	Patent	US	10/799663	7463219	
210589335	US02	210589335US02	Patent	US	12/000014	8120549	
210589335	US03	210589335US03	Patent	US	13/353967	8373622	
210589335	JP01	210589335JP01	Patent	JP	2003-344648	04399638	
210589335	KR01	210589335KR01	Patent	KR	10-2004-0023676	10-0571446	
210589336	US01	210589336US01	Patent	US	10/765854	07145524	
210589336	CN01	210589336CN01	Patent	CN	200410003743.0	ZL200410003743.0	
210589336	JP01	210589336JP01	Patent	JP	2003-095003	04321675	
210589336	KR01	210589336KR01	Patent	KR	10-2004-0005617	10-1217967	
210589338	US01	210589338US01	Patent	US	10/563943	07432882	
210589338	JP01	210589338JP01	Patent	JP	2005-503870	03983258	
210589345	TW01	210589345TW01	Patent	TW	93101037	I263241	
210589346	US01	210589346US01	Patent	US	10/814284	07248234	
210589346	CN01	210589346CN01	Patent	CN	200410031548.9	ZL200410031548.9	
210589349	US01	210589349US01	Patent	US	10/869852	7642991	
210589349	CN01	210589349CN01	Patent	CN	200410036813.2	ZL200410036813.2	
210589349	JP01	210589349JP01	Patent	JP	2004-009577	04415217	
210589354	CN01	210589354CN01	Patent	CN	200410089703.2	ZL200410089703.2	
210589358	US01	210589358US01	Patent	US	10/999076	07049755	
210589358	KR01	210589358KR01	Patent	KR	10-2004-0100949	10-0678547	
210589362	US01	210589362US01	Patent	US	10/999068	07423614	
210589362	CN01	210589362CN01	Patent	CN	200510001888.1	ZL200510001888.1	
210589362	JP01	210589362JP01	Patent	JP	2004-222643	04646020	
210589363	US01	210589363US01	Patent	US	10/999060	07436375	
210589363	CN01	210589363CN01	Patent	CN	200510001893.2	ZL200510001893.2	
210589363	JP01	210589363JP01	Patent	JP	2004-223368	04577681	
210589365	CN01	210589365CN01	Patent	CN	200480031552.3	ZL200480031552.3	
210589365	JP01	210589365JP01	Patent	JP	2006-526011	04075998	
210589366	JP01	210589366JP01	Patent	JP	2004-196670	04338086	
210589367	US01	210589367US01	Patent	US	11/089351	07300605	
210589367	CN01	210589367CN01	Patent	CN	200510059904.2	ZL200510059904.2	
210589367	JP01	210589367JP01	Patent	JP	2004-348778	04507862	
210589378	US01	210589378US01	Patent	US	11/885123	8114312	
210589378	JP01	210589378JP01	Patent	JP	2007-505758	04763685	
210589378	KR01	210589378KR01	Patent	KR	10-2007-7019531	10-0890100	
210598001	US02	210598001US02	Patent	US	11/272142	07466292	
210598001	KR01	210598001KR01	Patent	KR	10-2000-0050767	10-0660579	
210598002	US01	210598002US01	Patent	US	09/760883	07193596	
210598002	JP01	210598002JP01	Patent	JP	2000-099149	04694670	
210598003	US01	210598003US01	Patent	US	09/722621	07439941	
210598003	US02	210598003US02	Patent	US	11/980623	8035578	
210598003	US03	210598003US03	Patent	US	12/232680	8223174	
210598003	US04	210598003US04	Patent	US	13/137694	8405577	
210598003	US05	210598003US05	Patent	US	13/618018	8704735	
210598003	JP01	210598003JP01	Patent	JP	2000-063991	03939066	
210598003	JP02	210598003JP02	Patent	JP	2007-023657	04310346	
210598003	JP03	210598003JP03	Patent	JP	2007-100022	04268988	
210598003	JP04	210598003JP04	Patent	JP	2009-073094	05262896	
210598003	KR01	210598003KR01	Patent	KR	10-2000-0077055	10-0725165	
210598003	KR02	210598003KR02	Patent	KR	10-2007-0023891	10-0769117	
210598003	KR03	210598003KR03	Patent	KR	10-2007-0023893	10-0763988	
210598003	TW01	210598003TW01	Patent	TW	89125230	164739	
210598004	US01	210598004US01	Patent	US	09/697717	06650307	
210598004	JP01	210598004JP01	Patent	JP	2000-095037	03427036	
210598005	US01	210598005US01	Patent	US	09/702889	07224329	
210598005	JP01	210598005JP01	Patent	JP	2000-092131	03644867	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210598005	KR01	210598005KR01	Patent	KR	10-2000-0070074	10-0712023	
210598010	US01	210598010US01	Patent	US	09/878335	06753930	
210598010	US02	210598010US02	Patent	US	10/860580	06940559	
210598010	KR01	210598010KR01	Patent	KR	10-2001-0038107	10-0801996	
210598010	KR02	210598010KR02	Patent	KR	10-2007-0082248	10-0802000	
210598019	US01	210598019US01	Patent	US	09/929364	06483251	
210598019	CN01	210598019CN01	Patent	CN	01135365.1	ZL01135365.1	
210598019	DE01	210598019DE01	Patent	DE	60147212.8	1195739	
210598019	FR01	210598019FR01	Patent	FR	01307073.5	1195739	
210598019	GB01	210598019GB01	Patent	GB	01307073.5	1195739	
210598019	JP01	210598019JP01	Patent	JP	2000-306550	04357107	
210598019	KR01	210598019KR01	Patent	KR	10-2001-0056133	10-0852569	
210598019	KR02	210598019KR02	Patent	KR	10-2008-0007275	10-0852568	
210598019	TW01	210598019TW01	Patent	TW	90120230	168537	
210598021	US02	210598021US02	Patent	US	11/202061	7944407	
210598021	US03	210598021US03	Patent	US	12/218065	8947324	
210598021	CN01	210598021CN01	Patent	CN	01140861.8	ZL01140861.8	
210598021	DE01	210598021DE01	Patent	DE	60136425.2	01191511	
210598021	DE02	210598021DE02	Patent	DE	60143976.7	1959418	
210598021	FR01	210598021FR01	Patent	FR	01307211.1	01191511	
210598021	FR02	210598021FR02	Patent	FR	08155524.5	1959418	
210598021	GB01	210598021GB01	Patent	GB	01307211.1	01191511	
210598021	GB02	210598021GB02	Patent	GB	08155524.5	1959418	
210598021	JP01	210598021JP01	Patent	JP	2000-290981	03556163	
210598021	KR01	210598021KR01	Patent	KR	10-2001-0056130	10-0792081	
210598021	TW01	210598021TW01	Patent	TW	90120373	168082	
210598023	US01	210598023US01	Patent	US	09/933166	07078865	
210598023	US03	210598023US03	Patent	US	11/350848	7737641	
210598023	US04	210598023US04	Patent	US	13/325983	8928646	
210598023	US05	210598023US05	Patent	US	14/557883	09305484	
210598023	JP01	210598023JP01	Patent	JP	2000-393510	04612947	
210598023	JP02	210598023JP02	Patent	JP	2010-055275	04719813	
210598023	KR01	210598023KR01	Patent	KR	10-2001-0057013	10-0831520	
210598023	KR02	210598023KR02	Patent	KR	10-2008-0016342	10-0853928	
210598023	TW01	210598023TW01	Patent	TW	90120502	168976	
210598024	CN01	210598024CN01	Patent	CN	01143923.8	ZL01143923.8	
210598024	KR01	210598024KR01	Patent	KR	10-2001-0083752	10-0791183	
210598032	US02	210598032US02	Patent	US	11/101469	7535438	
210598033	US01	210598033US01	Patent	US	09/998897	07006060	
210598033	JP01	210598033JP01	Patent	JP	2001-107624	03630640	
210598033	JP02	210598033JP02	Patent	JP	2004-227015	04099466	
210598033	JP03	210598033JP03	Patent	JP	2008-000228	04223541	
210598033	JP04	210598033JP04	Patent	JP	2008-263655	04332585	
210598033	KR01	210598033KR01	Patent	KR	10-2001-0012717	10-0691685	
210598033	KR02	210598033KR02	Patent	KR	10-2006-0103030	10-0728896	
210598033	KR03	210598033KR03	Patent	KR	10-2006-0103035	10-0682814	
210598034	US01	210598034US01	Patent	US	10/080410	06809708	
210598034	US02	210598034US02	Patent	US	10/852204	07212177	
210598034	US03	210598034US03	Patent	US	11/717207	7868852	
210598034	US04	210598034US04	Patent	US	12/171624	8094092	
210598034	US05	210598034US05	Patent	US	13/200345	8797237	
210598034	DE01	210598034DE01	Patent	DE	60229697.8	01288896	
210598034	DE02	210598034DE02	Patent	DE	60231009.1	01515296	
210598034	FR01	210598034FR01	Patent	FR	02251353.5	01288896	
210598034	FR02	210598034FR02	Patent	FR	04022949.4	01515296	
210598034	GB01	210598034GB01	Patent	GB	02251353.5	01288896	
210598034	GB02	210598034GB02	Patent	GB	04022949.4	01515296	
210598034	JP01	210598034JP01	Patent	JP	2001-240662	04902068	
210598034	JP02	210598034JP02	Patent	JP	2008-177554	04902601	
210598034	JP03	210598034JP03	Patent	JP	2009-263468	04902724	
210598034	JP04	210598034JP04	Patent	JP	2010-095608	04902766	
210598034	JP05	210598034JP05	Patent	JP	2011-028084	05099238	
210598034	KR01	210598034KR01	Patent	KR	10-2002-0014940	10-0694722	
210598034	KR02	210598034KR02	Patent	KR	10-2004-0057557	10-0695352	
210598034	KR03	210598034KR03	Patent	KR	10-2006-0107611	10-0760091	
210598034	KR04	210598034KR04	Patent	KR	10-2007-0048540	10-0766630	
210598034	TW01	210598034TW01	Patent	TW	91103452	184481	
210598035	KR01	210598035KR01	Patent	KR	10-2002-0010403	10-0844237	
210598035	KR02	210598035KR02	Patent	KR	10-2008-0011367	10-0845646	
210598035	TW01	210598035TW01	Patent	TW	91101755	180080	
210598036	US01	210598036US01	Patent	US	10/033898	06791514	
210598036	CN01	210598036CN01	Patent	CN	02105226.3	ZL02105226.3	
210598036	KR01	210598036KR01	Patent	KR	10-2002-0002008	10-0864131	
210598039	CN01	210598039CN01	Patent	CN	02151863.7	ZL02151863.7	
210598044	US01	210598044US01	Patent	US	10/274991	07075560	
210598044	JP01	210598044JP01	Patent	JP	2002-072861	05049445	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210598044	KR01	210598044KR01	Patent	KR	10-2002-0071403	10-0879421	
210598044	KR02	210598044KR02	Patent	KR	10-2008-0102398	10-0889428	
210598044	KR03	210598044KR03	Patent	KR	10-2008-0102399	10-0889429	
210598044	TW01	210598044TW01	Patent	TW	91124731	190640	
210598046	US01	210598046US01	Patent	US	10/288484	06891519	
210598046	CN01	210598046CN01	Patent	CN	02154852.8	ZL02154852.8	
210598046	DE01	210598046DE01	Patent	DE	60242003.2	1347435	
210598046	FR01	210598046FR01	Patent	FR	02257655.7	1347435	
210598046	GB01	210598046GB01	Patent	GB	02257655.7	1347435	
210598046	JP01	210598046JP01	Patent	JP	2002-078791	04612985	
210598046	JP02	210598046JP02	Patent	JP	2008-188078	05151759	
210598046	JP03	210598046JP03	Patent	JP	2009-266932	05152161	
210598046	KR02	210598046KR02	Patent	KR	10-2008-0073784	10-0899499	
210598046	TW01	210598046TW01	Patent	TW	91132812	I277927	
210598051	US01	210598051US01	Patent	US	10/202831	06703702	
210598051	CN01	210598051CN01	Patent	CN	02127168.2	ZL02127168.2	
210598051	JP01	210598051JP01	Patent	JP	2002-197621	03983120	
210598051	JP02	210598051JP02	Patent	JP	2007-001118	04528788	
210598051	JP03	210598051JP03	Patent	JP	2007-043120	04528795	
210598051	JP04	210598051JP04	Patent	JP	2007-043121	04839244	
210598051	JP05	210598051JP05	Patent	JP	2007-043122	04832334	
210598051	KR01	210598051KR01	Patent	KR	10-2002-0044548	10-0893810	
210598051	KR02	210598051KR02	Patent	KR	10-2008-0032680	10-0887032	
210598051	TW01	210598051TW01	Patent	TW	91116886	I221266	
210598055	US01	210598055US01	Patent	US	10/291495	06686698	
210598055	CN02	210598055CN02	Patent	CN	200710005955.6	ZL200710005955.6	
210598055	CN03	210598055CN03	Patent	CN	200710005954.1	ZL200710005954.1	
210598055	DE01	210598055DE01	Patent	DE	60218420.7	01345199	
210598055	FR01	210598055FR01	Patent	FR	02257781.1	01345199	
210598055	GB01	210598055GB01	Patent	GB	02257781.1	01345199	
210598055	JP01	210598055JP01	Patent	JP	2002-209950	04308488	
210598055	JP02	210598055JP02	Patent	JP	2008-263609	05097076	
210598055	KR01	210598055KR01	Patent	KR	10-2002-0076886	10-0886065	
210598055	KR03	210598055KR03	Patent	KR	10-2008-0118933	10-0900377	
210598055	TW01	210598055TW01	Patent	TW	91133295	197977	
210598064	CN02	210598064CN02	Patent	CN	200710001857.5	ZL200710001857.5	
210598064	JP01	210598064JP01	Patent	JP	2003-065391	04205457	
210598082	US01	210598082US01	Patent	US	10/924992	07427969	
210598082	US02	210598082US02	Patent	US	12/167122	8194005	
210598082	CN01	210598082CN01	Patent	CN	200410073990.8	ZL200410073990.8	
210598082	CN02	210598082CN02	Patent	CN	200710123490.4	ZL200710123490.4	
210598082	DE02	210598082DE02	Patent	DE	602004040343.1	1821279	
210598082	FR02	210598082FR02	Patent	FR	07104931.6	1821279	
210598082	GB02	210598082GB02	Patent	GB	07104931.6	1821279	
210598082	JP01	210598082JP01	Patent	JP	2003-397220	04322101	
210598082	JP02	210598082JP02	Patent	JP	2009-094535	05107958	
210598082	KR01	210598082KR01	Patent	KR	10-2004-0074387	10-0696347	
210598082	KR02	210598082KR02	Patent	KR	10-2006-0044626	10-0743085	
210598082	KR03	210598082KR03	Patent	KR	10-2007-0016966	10-0737194	
210598082	KR04	210598082KR04	Patent	KR	10-2007-0037051	10-0769787	
210598087	US01	210598087US01	Patent	US	10/968930	7710359	
210598087	US02	210598087US02	Patent	US	12/727145	8456385	
210598087	JP01	210598087JP01	Patent	JP	2004-007033	04669226	
210598087	JP02	210598087JP02	Patent	JP	2010-180076	05277219	
210598087	KR01	210598087KR01	Patent	KR	10-2004-0094680	10-0688368	
210598093	CN01	210598093CN01	Patent	CN	200510007796.4	ZL200510007796.4	
210598093	JP01	210598093JP01	Patent	JP	2004-122044	04565877	
210598094	CN02	210598094CN02	Patent	CN	200410002529.3	ZL200410002529.3	
210598094	JP02	210598094JP02	Patent	JP	2003-338461	03609823	
210598094	KR02	210598094KR02	Patent	KR	10-2008-0009286	10-0845649	
210598104	US01	210598104US01	Patent	US	10/948300	7710351	
210598104	JP01	210598104JP01	Patent	JP	2004-197142	04468094	
210598113	US01	210598113US01	Patent	US	11/181793	7880689	
210598113	CN01	210598113CN01	Patent	CN	200510068367.8	ZL200510068367.8	
210598113	JP01	210598113JP01	Patent	JP	2004-208379	04611677	
210598127	US01	210598127US01	Patent	US	11/291931	7903050	
210598127	CN01	210598127CN01	Patent	CN	200510128837.5	ZL200510128837.5	
210598127	CN02	210598127CN02	Patent	CN	200810092447.0	ZL200810092447.0	
210598128	US01	210598128US01	Patent	US	11/302520	7576712	
210598128	CN01	210598128CN01	Patent	CN	200510131869.0	ZL200510131869.0	
210598128	JP01	210598128JP01	Patent	JP	2004-363314	04652797	
210598128	JP02	210598128JP02	Patent	JP	2010-133157	04653250	
210598132	CN01	210598132CN01	Patent	CN	200510097498.9	ZL200510097498.9	
210598132	JP01	210598132JP01	Patent	JP	2004-379643	04603879	
210598132	KR01	210598132KR01	Patent	KR	10-2005-0130435	10-0782219	
210598136	CN01	210598136CN01	Patent	CN	200510130139.9	ZL200510130139.9	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210598136	CN02	210598136CN02	Patent	CN	200810175252.2	ZL200810175252.2	
210598136	CN03	210598136CN03	Patent	CN	200810175253.7	ZL200810175253.7	
210598136	CN04	210598136CN04	Patent	CN	200810175254.1	ZL200810175254.1	
210598136	JP01	210598136JP01	Patent	JP	2004-358502	04563787	
210598136	JP02	210598136JP02	Patent	JP	2007-193586	04653146	
210598136	JP03	210598136JP03	Patent	JP	2009-263787	04564095	
210598136	JP04	210598136JP04	Patent	JP	2009-263768	04653233	
210598136	JP05	210598136JP05	Patent	JP	2010-094946	04653246	
210598136	KR01	210598136KR01	Patent	KR	10-2005-0119369	10-0699378	
210598137	US01	210598137US01	Patent	US	11/392793	07482755	
210598137	JP01	210598137JP01	Patent	JP	2005-104384	04515952	
210598142	US01	210598142US01	Patent	US	11/362162	7733302	
210598142	US03	210598142US03	Patent	US	12/766277	8405575	
210598142	CN01	210598142CN01	Patent	CN	200610057726.4	ZL200610057726.4	
210598142	CN02	210598142CN02	Patent	CN	200810174233.8	ZL200810174233.8	
210598142	CN03	210598142CN03	Patent	CN	200810174234.2	ZL200810174234.2	
210598142	JP01	210598142JP01	Patent	JP	2005-054459	04636901	
210598142	JP02	210598142JP02	Patent	JP	2009-263471	04576475	
210598142	JP03	210598142JP03	Patent	JP	2010-074077	04637267	
210598142	KR01	210598142KR01	Patent	KR	10-2006-0017543	10-0807485	
210598142	KR02	210598142KR02	Patent	KR	10-2007-0076552	10-0807483	
210598142	KR03	210598142KR03	Patent	KR	10-2007-0120409	10-0825164	
210598147	US01	210598147US01	Patent	US	11/386835	7710360	
210598147	US02	210598147US02	Patent	US	12/659620	8130172	
210598147	CN01	210598147CN01	Patent	CN	200610058481.7	ZL200610058481.7	
210598147	JP01	210598147JP01	Patent	JP	2005-091717	04681331	
210598147	KR01	210598147KR01	Patent	KR	10-2006-0026757	10-0796402	
210598149	CN01	210598149CN01	Patent	CN	200610067429.8	ZL200610067429.8	
210598149	JP01	210598149JP01	Patent	JP	2005-094303	04674106	
210598149	KR01	210598149KR01	Patent	KR	10-2006-0028264	10-0764335	
210598150	US01	210598150US01	Patent	US	11/353742	7796198	
210598150	CN01	210598150CN01	Patent	CN	200610057692.9	ZL200610057692.9	
210598150	JP01	210598150JP01	Patent	JP	2005-048488	04885461	
210598150	KR01	210598150KR01	Patent	KR	10-2006-0015427	10-0777771	
210598152	US01	210598152US01	Patent	US	11/387907	7522129	
210598152	CN01	210598152CN01	Patent	CN	200610066128.3	ZL200610066128.3	
210598152	CN02	210598152CN02	Patent	CN	200810134648.2	ZL200810134648.2	
210598152	CN03	210598152CN03	Patent	CN	200810172635.4	ZL200810172635.4	
210598152	CN04	210598152CN04	Patent	CN	200810172636.9	ZL200810172636.9	
210598152	JP01	210598152JP01	Patent	JP	2005-088799	04538354	
210598152	JP02	210598152JP02	Patent	JP	2009-234736	05168257	
210598152	JP03	210598152JP03	Patent	JP	2010-085634	05170147	
210598152	KR01	210598152KR01	Patent	KR	10-2006-0026956	10-0845650	
210598152	KR02	210598152KR02	Patent	KR	10-2008-0026541	10-0891059	
210598152	KR03	210598152KR03	Patent	KR	10-2008-0067267	10-0886304	
210598155	JP01	210598155JP01	Patent	JP	2005-101325	04799890	
210598155	KR01	210598155KR01	Patent	KR	10-2006-0029018	10-0816614	
210598163	US01	210598163US01	Patent	US	11/913201	8026869	
210598163	JP01	210598163JP01	Patent	JP	2007-522142	04347382	
210598166	JP01	210598166JP01	Patent	JP	2007-529165	04302171	
210598166	KR01	210598166KR01	Patent	KR	10-2007-7025268	10-0910288	
210598167	US01	210598167US01	Patent	US	11/919439	8264424	
210598167	JP01	210598167JP01	Patent	JP	2007-523322	04654243	
210598176	CN01	210598176CN01	Patent	CN	200610126006.9	ZL200610126006.9	
210598176	CN02	210598176CN02	Patent	CN	200810175501.8	ZL200810175501.8	
210598176	KR01	210598176KR01	Patent	KR	10-2006-0082168	10-0795637	
210598176	KR02	210598176KR02	Patent	KR	10-2007-0109242	10-0795633	
210598184	US01	210598184US01	Patent	US	11/514971	7773052	
210598184	JP01	210598184JP01	Patent	JP	2005-262806	04652936	
210598184	KR01	210598184KR01	Patent	KR	10-2006-0086751	10-0772308	
210598193	US01	210598193US01	Patent	US	11/525897	7623092	
210598193	US02	210598193US02	Patent	US	12/579115	8519911	
210598193	CN01	210598193CN01	Patent	CN	200610159360.1	ZL200610159360.1	
210598193	JP01	210598193JP01	Patent	JP	2005-287266	04738122	
210598193	KR01	210598193KR01	Patent	KR	10-2006-0094892	10-0808725	
210598196	CN01	210598196CN01	Patent	CN	200610146757.7	ZL200610146757.7	
210598205	CN01	210598205CN01	Patent	CN	200610163301.1	ZL200610163301.1	
210598207	US01	210598207US01	Patent	US	11/633074	7639489	
210598207	CN01	210598207CN01	Patent	CN	200610165603.2	ZL200610165603.2	
210598207	JP01	210598207JP01	Patent	JP	2006-042305	04786366	
210599013	US02	210599013US02	Patent	US	11/113337	RE40502	
210599013	CN01	210599013CN01	Patent	CN	01137605.8	ZL01137605.8	
210599013	CN02	210599013CN02	Patent	CN	200710085463.2	ZL200710085463.2	
210599013	JP01	210599013JP01	Patent	JP	2000-269569	03701185	
210599013	JP02	210599013JP02	Patent	JP	2004-366619	04059880	
210599013	KR01	210599013KR01	Patent	KR	10-2001-0002349	10-0770724	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210599017	US01	210599017US01	Patent	US	09/841037	06903709	
210599017	JP01	210599017JP01	Patent	JP	2000-373748	03606804	
210599020	JP01	210599020JP01	Patent	JP	2001-004483	04528449	
210599020	JP02	210599020JP02	Patent	JP	2008-047360	04815458	
210599020	JP03	210599020JP03	Patent	JP	2008-120867	04902591	
210599020	JP04	210599020JP04	Patent	JP	2008-120868	04906779	
210599034	JP01	210599034JP01	Patent	JP	2002-147166	04310075	
210599036	CN01	210599036CN01	Patent	CN	03133035.5	ZL03133035.5	
210599038	US02	210599038US02	Patent	US	11/705796	RE41312	
210599038	US03	210599038US03	Patent	US	12/328197	RE42405	
210599038	US04	210599038US04	Patent	US	13/117892	RE44445	
210599038	CN01	210599038CN01	Patent	CN	02807991.4	ZL02807991.4	
210599038	CN02	210599038CN02	Patent	CN	200710104940.5	ZL200710104940.5	
210599038	CN03	210599038CN03	Patent	CN	200710104941.X	ZL200710104941.X	
210599038	CN04	210599038CN04	Patent	CN	200710104942.4	ZL200710104942.4	
210599038	CN05	210599038CN05	Patent	CN	200710104943.9	ZL200710104943.9	
210599038	CN06	210599038CN06	Patent	CN	200710104944.3	ZL200710104944.3	
210599038	JP01	210599038JP01	Patent	JP	2002-581544	04027233	
210599038	JP02	210599038JP02	Patent	JP	2007-190849	04480742	
210599038	JP03	210599038JP03	Patent	JP	2007-190853	04480743	
210599038	KR01	210599038KR01	Patent	KR	10-2003-7013146	10-0887040	
210599038	KR02	210599038KR02	Patent	KR	10-2008-7005766	10-0887033	
210599038	KR03	210599038KR03	Patent	KR	10-2008-7014719	10-0889161	
210599038	TW01	210599038TW01	Patent	TW	91107473	I283883	
210599039	JP01	210599039JP01	Patent	JP	2002-093731	04131633	
210599047	US01	210599047US01	Patent	US	10/370524	6924597	
210599047	JP01	210599047JP01	Patent	JP	2002-142689	04111749	
210599047	KR01	210599047KR01	Patent	KR	10-2002-0082715	10-0861056	
210599057	US01	210599057US01	Patent	US	10/627727	07372206	
210599057	JP01	210599057JP01	Patent	JP	2002-228725	04097480	
210599078	US01	210599078US01	Patent	US	10/928102	7531962	
210599078	CN01	210599078CN01	Patent	CN	200410058891.2	ZL200410058891.2	
210599078	JP01	210599078JP01	Patent	JP	2003-396145	04376597	
210599078	KR01	210599078KR01	Patent	KR	10-2004-0068319	10-0641253	
210599083	US01	210599083US01	Patent	US	11/056356	07116059	
210599083	US02	210599083US02	Patent	US	11/450557	7561152	
210599083	US03	210599083US03	Patent	US	12/192953	7898510	
210599083	CN01	210599083CN01	Patent	CN	200510007699.5	ZL200510007699.5	
210599083	CN02	210599083CN02	Patent	CN	200810134947.6	ZL200810134947.6	
210599083	JP01	210599083JP01	Patent	JP	2004-043360	04625642	
210599083	KR01	210599083KR01	Patent	KR	10-2005-0013335	10-0761609	
210599083	KR02	210599083KR02	Patent	KR	10-2007-0004157	10-1018570	
210599094	US01	210599094US01	Patent	US	10/807535	7570231	
210599094	US03	210599094US03	Patent	US	13/067895	8115703	
210599094	CN01	210599094CN01	Patent	CN	200410008589.6	ZL200410008589.6	
210599094	JP01	210599094JP01	Patent	JP	2004-048529	04619014	
210599108	CN01	210599108CN01	Patent	CN	200610005119.3	ZL200610005119.3	
210599119	US02	210599119US02	Patent	US	12/222520	7850503	
210599119	JP01	210599119JP01	Patent	JP	2004-372343	04535864	
210599158	US01	210599158US01	Patent	US	12/090373	8279142	
210599158	CN01	210599158CN01	Patent	CN	200680038811.4	ZL200680038811.4	
210599158	JP01	210599158JP01	Patent	JP	2007-554754	04646989	
210599160	US01	210599160US01	Patent	US	12/160778	8119027	
210599160	CN01	210599160CN01	Patent	CN	200680043737.5	ZL200680043737.5	
210599160	JP01	210599160JP01	Patent	JP	2007-553808	04870690	
210599163	US01	210599163US01	Patent	US	11/714166	8231422	
210599163	CN01	210599163CN01	Patent	CN	200710095831.1	ZL200710095831.1	
210599163	KR01	210599163KR01	Patent	KR	10-2007-0032438	10-0812221	
210600006	JP01	210600006JP01	Patent	JP	2006-070158	04867411	
210600012	JP01	210600012JP01	Patent	JP	2006-101400	04747917	
210600013	JP01	210600013JP01	Patent	JP	2006-120410	04773260	
210600023	US01	210600023US01	Patent	US	11/763465	7766488	
210600023	US02	210600023US02	Patent	US	12/825801	8020999	
210600023	US03	210600023US03	Patent	US	12/825836	7850313	
210600023	US04	210600023US04	Patent	US	12/825881	7914153	
210600023	US05	210600023US05	Patent	US	12/961038	8002418	
210600023	US06	210600023US06	Patent	US	13/213626	8182097	
210600023	US07	210600023US07	Patent	US	13/473025	8408717	
210600023	CN01	210600023CN01	Patent	CN	200710109058.X	ZL200710109058.X	
210600023	DE01	210600023DE01	Patent	DE	602007034001.2	1868031	
210600023	EP02	210600023EP02	Patent	EP	13188257.3		
210600023	FR01	210600023FR01	Patent	FR	07252401.0	1868031	
210600023	GB01	210600023GB01	Patent	GB	07252401.0	1868031	
210600023	JP01	210600023JP01	Patent	JP	2006-166434	05371180	
210600023	JP02	210600023JP02	Patent	JP	2011-215186	05506757	
210600023	JP03	210600023JP03	Patent	JP	2012-172442	05722841	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210600027	US01	210600027US01	Patent	US	11/686526	7946713	
210600032	US01	210600032US01	Patent	US	11/755878	7766487	
210600032	US02	210600032US02	Patent	US	12/840651	8002417	
210600032	CN01	210600032CN01	Patent	CN	200710108523.8	ZL200710108523.8	
210600032	EP01	210600032EP01	Patent	EP	07252213.9		
210600034	JP01	210600034JP01	Patent	JP	2006-108210	04556903	
210600050	US01	210600050US01	Patent	US	11/672610	8559527	
210600050	CN01	210600050CN01	Patent	CN	200710079130.9	ZL200710079130.9	
210600050	JP01	210600050JP01	Patent	JP	2006-112897	04730183	
210600054	JP01	210600054JP01	Patent	JP	2006-046117	04992247	
210600054	JP02	210600054JP02	Patent	JP	2011-253438	04911261	
210600055	US01	210600055US01	Patent	US	11/737159	7834912	
210600055	JP01	210600055JP01	Patent	JP	2006-115152	04876687	
210600065	US01	210600065US01	Patent	US	11/739273	8243806	
210600065	JP01	210600065JP01	Patent	JP	2006-118688	05188033	
210600069	JP01	210600069JP01	Patent	JP	2006-068468	04893031	
210600080	CN01	210600080CN01	Patent	CN	200610067102.0	ZL200610067102.0	
210600080	CN02	210600080CN02	Patent	CN	201010281546.0	ZL201010281546.0	
210600088	KR01	210600088KR01	Patent	KR	10-2007-0003863	10-0847617	
210600099	US01	210600099US01	Patent	US	11/727206	8379724	
210600099	CN01	210600099CN01	Patent	CN	200710091097.1	ZL200710091097.1	
210600099	JP01	210600099JP01	Patent	JP	2006-159231	04752631	
210600104	JP01	210600104JP01	Patent	JP	2006-142607	04842706	
210600107	US01	210600107US01	Patent	US	11/740333	7946710	
210600107	CN01	210600107CN01	Patent	CN	200710107467.6	ZL200710107467.6	
210600107	JP01	210600107JP01	Patent	JP	2006-149109	04876717	
210600115	US01	210600115US01	Patent	US	11/604311	7990480	
210600115	CN01	210600115CN01	Patent	CN	200610167012.9	ZL200610167012.9	
210600115	JP01	210600115JP01	Patent	JP	2006-114068	04659666	
210600124	US01	210600124US01	Patent	US	11/740319	7589904	
210600124	CN01	210600124CN01	Patent	CN	200710107464.2	ZL200710107464.2	
210600124	CN02	210600124CN02	Patent	CN	201010159430.X	ZL201010159430.X	
210600124	CN03	210600124CN03	Patent	CN	201010159420.6	ZL201010159420.6	
210600124	CN04	210600124CN04	Patent	CN	201010159418.9	ZL201010159418.9	
210600124	DE01	210600124DE01	Patent	DE	602007011152.8	1865374	
210600124	DE02	210600124DE02	Patent	DE	602007039822.3	2270587	
210600124	DE03	210600124DE03	Patent	DE	602007039915.7	2299320	
210600124	DE04	210600124DE04	Patent	DE	602007043278.2	2299321	
210600124	FR01	210600124FR01	Patent	FR	07251714.7	1865374	
210600124	FR02	210600124FR02	Patent	FR	10013518.5	2270587	
210600124	FR03	210600124FR03	Patent	FR	10013519.3	2299320	
210600124	FR04	210600124FR04	Patent	FR	10013520.1	2299321	
210600124	GB01	210600124GB01	Patent	GB	07251714.7	1865374	
210600124	GB02	210600124GB02	Patent	GB	10013518.5	2270587	
210600124	GB03	210600124GB03	Patent	GB	10013519.3	2299320	
210600124	GB04	210600124GB04	Patent	GB	10013520.1	2299321	
210600124	JP01	210600124JP01	Patent	JP	2006-159233	05040180	
210600124	JP02	210600124JP02	Patent	JP	2011-204071	05163794	
210600125	JP01	210600125JP01	Patent	JP	2006-139267	04933145	
210600126	US01	210600126US01	Patent	US	11/646405	8107007	
210600126	CN01	210600126CN01	Patent	CN	200710002000.5	ZL200710002000.5	
210600126	JP01	210600126JP01	Patent	JP	2006-142231	05174329	
210600128	JP01	210600128JP01	Patent	JP	2006-152958	04839964	
210600132	US01	210600132US01	Patent	US	11/513524	07433121	
210600132	CN01	210600132CN01	Patent	CN	200610126452.X	ZL200610126452.X	
210600132	JP01	210600132JP01	Patent	JP	2006-096408	05003000	
210600135	JP01	210600135JP01	Patent	JP	2006-108214	05011800	
210600145	US01	210600145US01	Patent	US	11/641768	8290344	
210600145	CN01	210600145CN01	Patent	CN	200710001910.1	ZL200710001910.1	
210600145	CN03	210600145CN03	Patent	CN	201110201537.0	ZL201110201537.0	
210600149	KR01	210600149KR01	Patent	KR	10-2007-0015402	10-0850621	
210600159	US01	210600159US01	Patent	US	11/675752	7869429	
210600177	US01	210600177US01	Patent	US	11/772841	8732594	
210600177	CN01	210600177CN01	Patent	CN	200710126926.5	ZL200710126926.5	
210600177	JP01	210600177JP01	Patent	JP	2006-182948	04784413	
210600182	JP01	210600182JP01	Patent	JP	2006-210302	04732269	
210600185	JP01	210600185JP01	Patent	JP	2006-193551	04826371	
210600186	US01	210600186US01	Patent	US	11/670077	7644428	
210600186	CN01	210600186CN01	Patent	CN	200710078828.9	ZL200710078828.9	
210600186	JP01	210600186JP01	Patent	JP	2006-158484	04971692	
210600187	JP01	210600187JP01	Patent	JP	2006-196411	04548393	
210600189	CN01	210600189CN01	Patent	CN	200710104877.5	ZL200710104877.5	
210600230	JP01	210600230JP01	Patent	JP	2006-137207	05023551	
210600231	JP01	210600231JP01	Patent	JP	2006-257497	04891015	
210600231	JP02	210600231JP02	Patent	JP	2011-232796	05330480	
210600264	JP01	210600264JP01	Patent	JP	2006-209595	04822973	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210600275	JP01	210600275JP01	Patent	JP	2006-105827	04997813	
210600285	JP01	210600285JP01	Patent	JP	2006-224829	04811190	
210600288	US01	210600288US01	Patent	US	11/802089	7791257	
210600288	US02	210600288US02	Patent	US	12/848553	7980716	
210600288	JP01	210600288JP01	Patent	JP	2006-138435	05050407	
210600297	CN01	210600297CN01	Patent	CN	200810001743.5	ZL200810001743.5	
210600297	JP01	210600297JP01	Patent	JP	2007-009702	05023711	
210600299	JP01	210600299JP01	Patent	JP	2006-143516	04631798	
210600302	JP01	210600302JP01	Patent	JP	2006-143517	04882509	
210600304	US01	210600304US01	Patent	US	11/785060	7830369	
210600304	CN01	210600304CN01	Patent	CN	200710096375.2	ZL200710096375.2	
210600304	GB01	210600304GB01	Patent	GB	0707105.3	GB2438700	
210600304	JP01	210600304JP01	Patent	JP	2006-150875	04518043	
210600304	KR01	210600304KR01	Patent	KR	10-2007-0036887	10-0908768	
210600305	JP01	210600305JP01	Patent	JP	2006-188789	04887947	
210600306	US01	210600306US01	Patent	US	11/626435	8045020	
210600306	CN01	210600306CN01	Patent	CN	200710004277.1	ZL200710004277.1	
210600306	JP01	210600306JP01	Patent	JP	2006-161785	04631811	
210600308	US01	210600308US01	Patent	US	11/627482	7616259	
210600308	CN01	210600308CN01	Patent	CN	200710001943.6	ZL200710001943.6	
210600308	JP01	210600308JP01	Patent	JP	2006-162964	04089737	
210600316	US01	210600316US01	Patent	US	11/700135	8200069	
210600316	CN01	210600316CN01	Patent	CN	200710093619.1	ZL200710093619.1	
210600316	JP01	210600316JP01	Patent	JP	2006-162966	04492588	
210600317	JP01	210600317JP01	Patent	JP	2006-173290	04622940	
210600320	US01	210600320US01	Patent	US	11/673670	7715686	
210600320	JP01	210600320JP01	Patent	JP	2006-196416	04148284	
210600326	US01	210600326US01	Patent	US	11/679261	7706221	
210600326	CN01	210600326CN01	Patent	CN	200710078827.4	ZL200710078827.4	
210600326	JP02	210600326JP02	Patent	JP	2007-137381	04720787	
210600327	US01	210600327US01	Patent	US	11/748108	7730507	
210600327	CN01	210600327CN01	Patent	CN	200710104626.7	ZL200710104626.7	
210600327	CN02	210600327CN02	Patent	CN	201010122236.4	ZL201010122236.4	
210600330	US01	210600330US01	Patent	US	11/727683	8175443	
210600331	US01	210600331US01	Patent	US	11/717789	7995903	
210600331	CN01	210600331CN01	Patent	CN	200710091705.9	ZL200710091705.9	
210600331	JP01	210600331JP01	Patent	JP	2006-195351	04551370	
210600338	US01	210600338US01	Patent	US	11/850738	8005340	
210600338	CN01	210600338CN01	Patent	CN	200710149222.X	ZL200710149222.X	
210600338	JP01	210600338JP01	Patent	JP	2006-243536	04333716	
210600338	JP02	210600338JP02	Patent	JP	2009-008368	04596074	
210600342	JP01	210600342JP01	Patent	JP	2006-246253	04957134	
210600348	US01	210600348US01	Patent	US	11/688273	8184957	
210600348	US02	210600348US02	Patent	US	13/476118	8724962	
210600348	US03	210600348US03	Patent	US	14/244078	09196311	
210600348	US04	210600348US04	Patent	US	14/948447	09530455	
210600348	JP01	210600348JP01	Patent	JP	2006-195363	04850605	
210600348	JP02	210600348JP02	Patent	JP	2011-197023	05458073	
210600348	JP03	210600348JP03	Patent	JP	2013-019397	05610495	
210600348	JP04	210600348JP04	Patent	JP	2014-059557	05779684	
210600348	JP05	210600348JP05	Patent	JP	2014-194818	05951718	
210600348	JP06	210600348JP06	Patent	JP	2015-220975	06018687	
210600354	CN01	210600354CN01	Patent	CN	200710108600.X	ZL200710108600.X	
210600354	JP01	210600354JP01	Patent	JP	2006-335251	05119655	
210600356	US01	210600356US01	Patent	US	11/861390	8544049	
210600356	US02	210600356US02	Patent	US	13/972624	8819747	
210600356	US04	210600356US04	Patent	US	15/602417		
210600356	JP03	210600356JP03	Patent	JP	2013-145973	05738360	
210600367	JP01	210600367JP01	Patent	JP	2007-033596	04995589	
210600369	JP01	210600369JP01	Patent	JP	2006-283249	05011943	
210600370	JP01	210600370JP01	Patent	JP	2006-254218	04668875	
210600371	JP01	210600371JP01	Patent	JP	2006-226018	04730253	
210600372	US01	210600372US01	Patent	US	11/836943	8306397	
210600372	CN01	210600372CN01	Patent	CN	200710147817.1	ZL200710147817.1	
210600372	JP01	210600372JP01	Patent	JP	2006-260598	04611952	
210600379	US01	210600379US01	Patent	US	11/857747	8699848	
210600383	JP01	210600383JP01	Patent	JP	2006-216344	05034363	
210600395	US01	210600395US01	Patent	US	11/739759	7835543	
210600395	JP01	210600395JP01	Patent	JP	2006-286018	04724638	
210600397	KR01	210600397KR01	Patent	KR	10-2007-0108183	10-0880772	
210600398	US01	210600398US01	Patent	US	11/896477	8319892	
210600398	CN01	210600398CN01	Patent	CN	200710149136.9	ZL200710149136.9	
210600398	EP01	210600398EP01	Patent	EP	07253469.6		
210600398	JP01	210600398JP01	Patent	JP	2006-259886	04775210	
210600410	JP01	210600410JP01	Patent	JP	2006-316005	04891740	
210600410	JP02	210600410JP02	Patent	JP	2011-225002	05396451	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210600420	JP01	210600420JP01	Patent	JP	2006-164174	04123288	
210600420	JP02	210600420JP02	Patent	JP	2007-137380	05034676	
210600433	JP01	210600433JP01	Patent	JP	2006-239721	05003065	
210600464	US01	210600464US01	Patent	US	11/861701	8233767	
210600464	JP01	210600464JP01	Patent	JP	2006-274610	04835368	
210600478	US01	210600478US01	Patent	US	12/000231	8346054	
210600478	CN01	210600478CN01	Patent	CN	200710160832.X	ZL200710160832.X	
210600478	JP01	210600478JP01	Patent	JP	2006-339398	04793247	
210600486	US01	210600486US01	Patent	US	12/018532	8066385	
210600486	CN01	210600486CN01	Patent	CN	200810002019.4	ZL200810002019.4	
210600486	DE01	210600486DE01	Patent	DE	602007028859.2	1962515	
210600486	FR01	210600486FR01	Patent	FR	07254904.1	1962515	
210600486	GB01	210600486GB01	Patent	GB	07254904.1	1962515	
210600486	JP01	210600486JP01	Patent	JP	2007-041672	05168936	
210600491	US01	210600491US01	Patent	US	11/748097	7825893	
210600491	JP01	210600491JP01	Patent	JP	2006-312958	04643545	
210600504	JP01	210600504JP01	Patent	JP	2006-312926	04786506	
210600511	US01	210600511US01	Patent	US	11/870646	7701639	
210600511	CN01	210600511CN01	Patent	CN	200710194439.2	ZL200710194439.2	
210600511	CN02	210600511CN02	Patent	CN	201010113515.4	ZL201010113515.4	
210600511	JP01	210600511JP01	Patent	JP	2006-279451	05217146	
210600515	CN01	210600515CN01	Patent	CN	200710166666.4	ZL200710166666.4	
210600525	US01	210600525US01	Patent	US	11/960828	8175121	
210600525	CN01	210600525CN01	Patent	CN	200710160562.2	ZL200710160562.2	
210600525	JP01	210600525JP01	Patent	JP	2006-353700	04412323	
210600536	US01	210600536US01	Patent	US	11/845840	8275242	
210600536	CN01	210600536CN01	Patent	CN	200710163061.X	ZL200710163061.X	
210600536	JP01	210600536JP01	Patent	JP	2006-330112	04645583	
210600537	US01	210600537US01	Patent	US	12/004959	8559517	
210600537	CN01	210600537CN01	Patent	CN	200710160565.6	ZL200710160565.6	
210600537	JP01	210600537JP01	Patent	JP	2006-353693	04438795	
210600538	US01	210600538US01	Patent	US	12/011084	8223167	
210600538	JP01	210600538JP01	Patent	JP	2007-021714	05424534	
210600575	US01	210600575US01	Patent	US	11/960866	8009536	
210600575	JP01	210600575JP01	Patent	JP	2006-346926	04591441	
210600577	JP01	210600577JP01	Patent	JP	2006-346927	04797974	
210600578	JP01	210600578JP01	Patent	JP	2007-076807	04961234	
210600581	JP01	210600581JP01	Patent	JP	2007-008275	04829800	
210600581	JP02	210600581JP02	Patent	JP	2011-158525	05193339	
210600583	US01	210600583US01	Patent	US	11/962204	8136951	
210600583	JP01	210600583JP01	Patent	JP	2007-000305	05162901	
210600587	JP01	210600587JP01	Patent	JP	2006-294908	04552923	
210600587	JP02	210600587JP02	Patent	JP	2010-038094	04678068	
210600587	JP03	210600587JP03	Patent	JP	2010-275234	04780248	
210600588	JP01	210600588JP01	Patent	JP	2006-294912	04948121	
210600590	CN01	210600590CN01	Patent	CN	200710186549.4	ZL200710186549.4	
210600591	JP01	210600591JP01	Patent	JP	2007-091686	05302512	
210600617	JP01	210600617JP01	Patent	JP	2007-052171	04935431	
210600636	US01	210600636US01	Patent	US	11/896613	8391682	
210600636	JP01	210600636JP01	Patent	JP	2006-328943	04735525	
210600636	KR01	210600636KR01	Patent	KR	10-2007-0101636	10-0938057	
210600637	US01	210600637US01	Patent	US	11/896614	8588586	
210600637	CN01	210600637CN01	Patent	CN	200710162643.6	ZL200710162643.6	
210600637	DE01	210600637DE01	Patent	DE	602007024295.9	1930903	
210600637	FR01	210600637FR01	Patent	FR	07253472.0	1930903	
210600637	GB01	210600637GB01	Patent	GB	07253472.0	1930903	
210600637	JP01	210600637JP01	Patent	JP	2006-328941	04735524	
210600637	KR01	210600637KR01	Patent	KR	10-2007-0101559	10-0967972	
210600639	US01	210600639US01	Patent	US	11/896615	8265452	
210600639	DE01	210600639DE01	Patent	DE	602007026511.8	1930904	
210600639	FR01	210600639FR01	Patent	FR	07253473.8	1930904	
210600639	GB01	210600639GB01	Patent	GB	07253473.8	1930904	
210600639	JP01	210600639JP01	Patent	JP	2006-328940	04775241	
210600639	KR01	210600639KR01	Patent	KR	10-2007-0101567	10-0960766	
210600639	KR02	210600639KR02	Patent	KR	10-2009-0007675	10-0960767	
210600643	US01	210600643US01	Patent	US	11/958686	8571392	
210600643	CN01	210600643CN01	Patent	CN	200710160826.4	ZL200710160826.4	
210600643	DE01	210600643DE01	Patent	DE	602007014638.0	1936974	
210600643	FR01	210600643FR01	Patent	FR	07254573.4	1936974	
210600643	GB01	210600643GB01	Patent	GB	07254573.4	1936974	
210600643	JP01	210600643JP01	Patent	JP	2006-339985	04829767	
210600646	CN01	210600646CN01	Patent	CN	200710160827.9	ZL200710160827.9	
210600646	JP01	210600646JP01	Patent	JP	2006-339992	04763589	
210600650	CN01	210600650CN01	Patent	CN	200710161674.X	ZL200710161674.X	
210600650	JP01	210600650JP01	Patent	JP	2006-350846	04946426	
210600650	KR01	210600650KR01	Patent	KR	10-2007-0083572	10-0921134	



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210600651	US01	210600651US01	Patent	US	11/874277	8606078	
210600651	CN01	210600651CN01	Patent	CN	200710161672.0	ZL200710161672.0	
210600651	DE01	210600651DE01	Patent	DE	602007006896.7	1939879	
210600651	FR01	210600651FR01	Patent	FR	07254010.7	1939879	
210600651	GB01	210600651GB01	Patent	GB	07254010.7	1939879	
210600651	JP01	210600651JP01	Patent	JP	2006-350848	04807250	
210600651	KR01	210600651KR01	Patent	KR	10-2007-0085044	10-0910449	
210600656	US01	210600656US01	Patent	US	12/045051	7876050	
210600656	US02	210600656US02	Patent	US	12/756333	7934969	
210600656	CN01	210600656CN01	Patent	CN	200810082883.X	ZL200810082883.X	
210600656	CN02	210600656CN02	Patent	CN	200910209320.7	ZL200910209320.7	
210600656	JP01	210600656JP01	Patent	JP	2007-124718	04492638	
210600656	JP02	210600656JP02	Patent	JP	2009-245038	05115536	
210600656	KR01	210600656KR01	Patent	KR	10-2008-0022038	10-0990770	
210600656	KR02	210600656KR02	Patent	KR	10-2010-0008744	10-0990774	
210650005	JP01	210650005JP01	Patent	JP	2006-313713	05092364	
210650010	JP01	210650010JP01	Patent	JP	2006-275942	04978142	
210650010	JP02	210650010JP02	Patent	JP	2012-033525	05433716	
210650011	JP01	210650011JP01	Patent	JP	2006-299818	04935303	
210650011	JP02	210650011JP02	Patent	JP	2011-192294	05358633	
210650017	JP01	210650017JP01	Patent	JP	2006-306130	04905073	
210650019	CN01	210650019CN01	Patent	CN	200710184948.7	ZL200710184948.7	
210650021	US01	210650021US01	Patent	US	11/949907	8319887	
210650021	CN01	210650021CN01	Patent	CN	200710194689.6	ZL200710194689.6	
210650021	EP01	210650021EP01	Patent	EP	07254685.6		
210650021	JP01	210650021JP01	Patent	JP	2006-326447	04844370	
210650032	JP01	210650032JP01	Patent	JP	2006-266352	05011917	
210650037	JP01	210650037JP01	Patent	JP	2006-337740	04867633	
210650041	JP01	210650041JP01	Patent	JP	2006-239723	04600368	
210650049	US01	210650049US01	Patent	US	11/871438	8313199	
210650049	US02	210650049US02	Patent	US	13/676587	9022581	
210650049	CN01	210650049CN01	Patent	CN	200710152465.9	ZL200710152465.9	
210650049	CN02	210650049CN02	Patent	CN	201110206374.5	ZL201110206374.5	
210650049	DE01	210650049DE01	Patent	DE	602007010880.2	1912088	
210650049	EP02	210650049EP02	Patent	EP	10008617.2		
210650049	EP03	210650049EP03	Patent	EP	10008618.0		
210650049	FR01	210650049FR01	Patent	FR	07254023.0	1912088	
210650049	GB01	210650049GB01	Patent	GB	07254023.0	1912088	
210650049	IN01	210650049IN01	Patent	IN	2141/EL/2007	264090	
210650049	JP01	210650049JP01	Patent	JP	2006-279926	04464948	
210650049	JP02	210650049JP02	Patent	JP	2009-205636	05097181	
210650049	JP03	210650049JP03	Patent	JP	2012-004879	05352685	
210650049	TW01	210650049TW01	Patent	TW	096136226	I390325	
210650049	TW02	210650049TW02	Patent	TW	100138090	I414872	
210650074	US01	210650074US01	Patent	US	11/747413	7712911	
210650074	CN01	210650074CN01	Patent	CN	200710107466.1	ZL200710107466.1	
210650074	CN02	210650074CN02	Patent	CN	200910119025.2	ZL200910119025.2	
210650074	JP01	210650074JP01	Patent	JP	2006-278238	04816395	
210650075	US01	210650075US01	Patent	US	12/021423	8170106	
210650075	JP01	210650075JP01	Patent	JP	2007-046388	05141043	
210650075	KR01	210650075KR01	Patent	KR	10-2007-0118103	10-0931109	
210650076	CN01	210650076CN01	Patent	CN	200710194201.X	ZL200710194201.X	
210650076	JP01	210650076JP01	Patent	JP	2006-333952	04905103	
210650080	JP01	210650080JP01	Patent	JP	2006-342074	04737067	
210650089	US01	210650089US01	Patent	US	11/867078	8270816	
210650089	JP01	210650089JP01	Patent	JP	2006-325135	04730289	
210650092	CN01	210650092CN01	Patent	CN	200710196358.6	ZL200710196358.6	
210650092	JP01	210650092JP01	Patent	JP	2006-325137	04797955	
210650094	US01	210650094US01	Patent	US	12/108025	8711936	
210650094	JP01	210650094JP01	Patent	JP	2007-117962	04788649	
210650096	CN01	210650096CN01	Patent	CN	200810085860.4	ZL200810085860.4	
210650101	JP01	210650101JP01	Patent	JP	2006-339905	04875973	
210650101	JP02	210650101JP02	Patent	JP	2009-266157	05027862	
210650107	KR01	210650107KR01	Patent	KR	10-2007-0077008	10-0870331	
210650115	JP01	210650115JP01	Patent	JP	2007-097953	04697171	
210650127	JP01	210650127JP01	Patent	JP	2007-133626	05012202	
210650129	CN01	210650129CN01	Patent	CN	200710198863.4	ZL200710198863.4	
210650131	JP01	210650131JP01	Patent	JP	2007-083276	04858263	
210698006	JP01	210698006JP01	Patent	JP	2006-123983	05137325	
210698007	US01	210698007US01	Patent	US	12/282055	8416155	
210698007	JP01	210698007JP01	Patent	JP	2008-517740	04828602	
210698008	US01	210698008US01	Patent	US	11/674781	7872877	
210698008	CN01	210698008CN01	Patent	CN	200710007040.9	ZL200710007040.9	
210698008	JP01	210698008JP01	Patent	JP	2006-136000	04984639	
210698008	KR01	210698008KR01	Patent	KR	10-2007-0011892	10-0884156	
210698010	US01	210698010US01	Patent	US	12/298382	8242977	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210698010	CN01	210698010CN01	Patent	CN	200680054356.7	ZL200680054356.7	
210698010	JP01	210698010JP01	Patent	JP	2008-522273	04887363	
210698017	CN01	210698017CN01	Patent	CN	200680054404.2	ZL200680054404.2	
210698017	CN02	210698017CN02	Patent	CN	201010216242.6	ZL201010216242.6	
210698023	US01	210698023US01	Patent	US	11/698205	7852288	
210698023	JP01	210698023JP01	Patent	JP	2006-187100	05340529	
210698023	KR01	210698023KR01	Patent	KR	10-2007-0010668	10-0846538	
210698025	US01	210698025US01	Patent	US	12/298377	8570312	
210698025	CN01	210698025CN01	Patent	CN	200680054349.7	ZL200680054349.7	
210698025	JP01	210698025JP01	Patent	JP	2008-525766	04667504	
210698029	JP01	210698029JP01	Patent	JP	2008-528677	05183476	
210698034	KR01	210698034KR01	Patent	KR	10-2007-0011563	10-0843182	
210698035	US01	210698035US01	Patent	US	11/672107	7710042	
210698035	JP01	210698035JP01	Patent	JP	2006-204316	04310328	
210698043	US01	210698043US01	Patent	US	11/626874	8009123	
210698043	JP01	210698043JP01	Patent	JP	2006-226632	04350110	
210698044	US01	210698044US01	Patent	US	11/746671	7808453	
210698044	JP01	210698044JP01	Patent	JP	2006-237464	04374006	
210698044	KR01	210698044KR01	Patent	KR	10-2007-0038774	10-0851464	
210698053	JP01	210698053JP01	Patent	JP	2008-545281	05007308	
210699048	CN01	210699048CN01	Patent	CN	200710109060.7	ZL200710109060.7	
210699063	JP01	210699063JP01	Patent	JP	2006-268282	05026758	
210700002	US01	210700002US01	Patent	US	12/054408	8422828	
210700005	JP01	210700005JP01	Patent	JP	2007-003986	04797999	
210700006	JP01	210700006JP01	Patent	JP	2007-003985	04779977	
210700008	US01	210700008US01	Patent	US	12/136828	8223454	
210700008	JP01	210700008JP01	Patent	JP	2007-156686	04664943	
210700016	JP01	210700016JP01	Patent	JP	2007-070665	04861221	
210700017	JP01	210700017JP01	Patent	JP	2007-070680	05016335	
210700037	US01	210700037US01	Patent	US	12/077501	8254764	
210700037	JP01	210700037JP01	Patent	JP	2007-070801	04852453	
210700038	JP01	210700038JP01	Patent	JP	2007-070485	04951376	
210700050	US01	210700050US01	Patent	US	12/050972	8768103	
210700050	CN01	210700050CN01	Patent	CN	200810086838.1	ZL200810086838.1	
210700050	JP01	210700050JP01	Patent	JP	2007-069758	04513819	
210700050	JP02	210700050JP02	Patent	JP	2010-074076	05067439	
210700062	US01	210700062US01	Patent	US	12/230726	7940351	
210700062	CN01	210700062CN01	Patent	CN	200810135577.8	ZL200810135577.8	
210700062	JP01	210700062JP01	Patent	JP	2007-229652	05033545	
210700086	JP01	210700086JP01	Patent	JP	2007-168376	04760786	
210700086	JP02	210700086JP02	Patent	JP	2011-128805	05223948	
210700089	US01	210700089US01	Patent	US	12/145630	7780296	
210700089	US02	210700089US02	Patent	US	12/838915	7857462	
210700089	JP01	210700089JP01	Patent	JP	2007-225870	05041923	
210700091	US01	210700091US01	Patent	US	12/055626	8102914	
210700093	US01	210700093US01	Patent	US	12/059030	8184700	
210700093	JP01	210700093JP01	Patent	JP	2007-197599	05011017	
210700094	US01	210700094US01	Patent	US	12/059005	8254702	
210700094	JP01	210700094JP01	Patent	JP	2007-194606	04898589	
210700154	US01	210700154US01	Patent	US	11/969826	8036167	
210750003	JP01	210750003JP01	Patent	JP	2007-127513	04508210	
210750012	JP01	210750012JP01	Patent	JP	2007-034965	04668934	
210750015	JP01	210750015JP01	Patent	JP	2007-116313	05012172	
210750024	JP01	210750024JP01	Patent	JP	2007-162741	04925938	
210750035	KR01	210750035KR01	Patent	KR	10-2009-7022092	10-1095822	
210750037	US01	210750037US01	Patent	US	12/594027	8115387	
210750042	JP01	210750042JP01	Patent	JP	2007-114993	04748098	
210750047	JP02	210750047JP02	Patent	JP	2011-091684	05452540	
210750058	JP01	210750058JP01	Patent	JP	2007-182748	05039463	
210750068	JP01	210750068JP01	Patent	JP	2009-512782	04952790	
210750069	JP01	210750069JP01	Patent	JP	2007-052606	04680948	
210750076	US01	210750076US01	Patent	US	12/023151	7896507	
210750076	US02	210750076US02	Patent	US	12/900554	8403504	
210750076	US03	210750076US03	Patent	US	13/773677	8573787	
210750076	DE01	210750076DE01	Patent	DE	602008023419.3	1965254	
210750076	DE02	210750076DE02	Patent	DE	602008031624.6	2284608	
210750076	FR01	210750076FR01	Patent	FR	08250355.8	1965254	
210750076	FR02	210750076FR02	Patent	FR	10013410.5	2284608	
210750076	GB01	210750076GB01	Patent	GB	08250355.8	1965254	
210750076	GB02	210750076GB02	Patent	GB	10013410.5	2284608	
210750076	JP01	210750076JP01	Patent	JP	2007-046386	05125147	
210750076	JP02	210750076JP02	Patent	JP	2012-011625	05126430	
210750076	JP03	210750076JP03	Patent	JP	2012-183749	05303740	
210750077	US01	210750077US01	Patent	US	12/030899	7901097	
210750077	US02	210750077US02	Patent	US	13/021101	8733953	
210750077	CN01	210750077CN01	Patent	CN	200810002632.6	ZL200810002632.6	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210750077	CN02	210750077CN02	Patent	CN	201010266244.6	ZL201010266244.6	
210750098	JP01	210750098JP01	Patent	JP	2007-162013	04735608	
210750113	JP01	210750113JP01	Patent	JP	2007-179657	04921262	
210750122	JP01	210750122JP01	Patent	JP	2007-180451	04988461	
210750126	JP01	210750126JP01	Patent	JP	2007-180452	05193516	
210750128	JP01	210750128JP01	Patent	JP	2007-139254	04909808	
210750129	CN01	210750129CN01	Patent	CN	200810096073.X	ZL200810096073.X	
210750129	JP01	210750129JP01	Patent	JP	2007-122996	05329770	
210750130	JP01	210750130JP01	Patent	JP	2007-090198	04893419	
210750137	JP01	210750137JP01	Patent	JP	2007-141272	04946632	
210750152	US01	210750152US01	Patent	US	11/874285	8437615	
210750152	CN01	210750152CN01	Patent	CN	200710161671.6	ZL200710161671.6	
210750152	JP01	210750152JP01	Patent	JP	2007-090210	05034608	
210750152	KR01	210750152KR01	Patent	KR	10-2007-0083993	10-0918897	
210750152	KR02	210750152KR02	Patent	KR	10-2008-0117569	10-1025088	
210750157	CN01	210750157CN01	Patent	CN	200880014952.1	ZL200880014952.1	
210750157	DE01	210750157DE01	Patent	DE	602008032094.4	2169956	
210750157	FR01	210750157FR01	Patent	FR	08765804.3	2169956	
210750157	GB01	210750157GB01	Patent	GB	08765804.3	2169956	
210750157	JP01	210750157JP01	Patent	JP	2007-187734	05235347	
210750166	JP01	210750166JP01	Patent	JP	2007-090201	05261957	
210750175	US01	210750175US01	Patent	US	12/080750	8151045	
210750175	JP01	210750175JP01	Patent	JP	2007-136123	04882865	
210750188	US01	210750188US01	Patent	US	12/169682	8002414	
210750188	US02	210750188US02	Patent	US	13/182926	8210687	
210750188	JP01	210750188JP01	Patent	JP	2007-223752	05095311	
210750188	JP02	210750188JP02	Patent	JP	2012-206293	05335982	
210750202	JP01	210750202JP01	Patent	JP	2007-171370	04941128	
210750207	JP01	210750207JP01	Patent	JP	2007-149880	04730341	
210750214	US01	210750214US01	Patent	US	12/667170	8269693	
210750214	JP01	210750214JP01	Patent	JP	2009-521441	05050056	
210750221	US01	210750221US01	Patent	US	11/960772	8004476	
210750221	JP01	210750221JP01	Patent	JP	2007-163293	05002346	
210750237	JP01	210750237JP01	Patent	JP	2007-158772	04966755	
210750238	US01	210750238US01	Patent	US	12/103734	8477850	
210750238	US02	210750238US02	Patent	US	13/932130	9099154	
210750238	US03	210750238US03	Patent	US	14/797653		
210750238	JP02	210750238JP02	Patent	JP	2011-166631	05509159	
210750238	JP04	210750238JP04	Patent	JP	2016-075340		
210750238	JP05	210750238JP05	Patent	JP	2017-142523		
210750243	JP01	210750243JP01	Patent	JP	2007-184177	05175494	
210750256	JP01	210750256JP01	Patent	JP	2007-211761	04946720	
210750256	JP02	210750256JP02	Patent	JP	2012-046070	05150776	
210750256	JP03	210750256JP03	Patent	JP	2012-263941	05401595	
210750259	US01	210750259US01	Patent	US	12/200195	8224123	Need two-step proceedings (Hitachi⇒HMX⇒MX)
210750259	JP01	210750259JP01	Patent	JP	2007-244643	04876048	
210750261	DE01	210750261DE01	Patent	DE	602008033181.4	1986427	
210750261	FR01	210750261FR01	Patent	FR	08250798.9	1986427	
210750261	GB01	210750261GB01	Patent	GB	08250798.9	1986427	
210750261	JP01	210750261JP01	Patent	JP	2007-117960	04434229	
210750271	JP01	210750271JP01	Patent	JP	2007-229650	05311608	
210750276	CN01	210750276CN01	Patent	CN	200810109593.X	ZL200810109593.X	
210750276	JP01	210750276JP01	Patent	JP	2007-147616	04766003	
210750280	CN01	210750280CN01	Patent	CN	200810086979.3	ZL200810086979.3	
210750280	JP01	210750280JP01	Patent	JP	2007-107689	04784548	
210750283	US01	210750283US01	Patent	US	12/596512	8255679	
210750283	BR01	210750283BR01	Patent	BR	'0810417-4		
210750283	CN01	210750283CN01	Patent	CN	200880012868.6	ZL200880012868.6	
210750283	DE01	210750283DE01	Patent	DE	602008034544.0	2178298	
210750283	FR01	210750283FR01	Patent	FR	08721272.6	2178298	
210750283	GB01	210750283GB01	Patent	GB	08721272.6	2178298	
210750283	IN01	210750283IN01	Patent	IN	6464/ELN/2009		
210750283	JP01	210750283JP01	Patent	JP	2007-111199	04600418	
210750283	JP02	210750283JP02	Patent	JP	2010-213013	05051290	
210750283	JP03	210750283JP03	Patent	JP	2011-177400	05660998	
210750283	KR01	210750283KR01	Patent	KR	10-2009-7021769	10-1145527	
210750284	US01	210750284US01	Patent	US	12/596517	09576063	
210750284	US02	210750284US02	Patent	US	15/403596		
210750284	US03	210750284US03	Patent	US	15/403602		
210750284	BR01	210750284BR01	Patent	BR	'0810355-0		
210750284	CN01	210750284CN01	Patent	CN	200880012858.2	ZL200880012858.2	
210750284	EP01	210750284EP01	Patent	EP	08720855.9	02149843	
210750284	EP02	210750284EP02	Patent	EP	17172960.1		
210750284	EP03	210750284EP03	Patent	EP	08720855.9		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210750284	IN01	210750284IN01	Patent	IN	6569/ELN/2009		
210750284	JP01	210750284JP01	Patent	JP	2007-111200	04946592	
210750284	JP02	210750284JP02	Patent	JP	2011-156265	05163781	
210750284	KR01	210750284KR01	Patent	KR	10-2009-7021772	10-1098075	
210750287	JP01	210750287JP01	Patent	JP	2007-117961	05200415	
210750288	JP01	210750288JP01	Patent	JP	2009-525177	05150632	
210750293	US01	210750293US01	Patent	US	12/153221	8441582	
210750293	CN01	210750293CN01	Patent	CN	200810096577.1	ZL200810096577.1	
210750293	CN02	210750293CN02	Patent	CN	201010281532.9	ZL201010281532.9	
210750293	JP01	210750293JP01	Patent	JP	2007-130003	04462288	
210750303	JP01	210750303JP01	Patent	JP	2007-152713	04634416	
210750306	US01	210750306US01	Patent	US	12/127025	7911558	
210750306	CN01	210750306CN01	Patent	CN	200810098488.0	ZL200810098488.0	
210750306	JP01	210750306JP01	Patent	JP	2007-146641	04775325	
210750308	JP01	210750308JP01	Patent	JP	2007-146642	05034687	
210750316	US01	210750316US01	Patent	US	12/129743	8009246	
210750316	CN01	210750316CN01	Patent	CN	200810109814.3	ZL200810109814.3	
210750324	JP01	210750324JP01	Patent	JP	2007-307522	04977585	
210750326	JP01	210750326JP01	Patent	JP	2007-149885	04484902	
210750326	JP02	210750326JP02	Patent	JP	2010-065428	05111542	
210750326	JP03	210750326JP03	Patent	JP	2012-223801	05223027	
210750326	JP04	210750326JP04	Patent	JP	2012-223802	05223028	
210750327	CN01	210750327CN01	Patent	CN	200810099892.X	ZL200810099892.X	
210750327	CN02	210750327CN02	Patent	CN	201110437892.8	ZL201110437892.8	
210750327	IN01	210750327IN01	Patent	IN	1343/EL/2008	270445	
210750327	JP01	210750327JP01	Patent	JP	2007-149888	04431599	
210750327	JP02	210750327JP02	Patent	JP	2009-288596	04629789	
210750327	JP03	210750327JP03	Patent	JP	2009-288597	04565049	
210750328	JP01	210750328JP01	Patent	JP	2007-149886	04484903	
210750328	JP02	210750328JP02	Patent	JP	2010-065429	05111543	
210750328	JP03	210750328JP03	Patent	JP	2012-223805	05223029	
210750328	JP04	210750328JP04	Patent	JP	2012-223806	05223030	
210750329	JP01	210750329JP01	Patent	JP	2007-149887	04431598	
210750329	JP02	210750329JP02	Patent	JP	2009-288598	04629790	
210750329	JP03	210750329JP03	Patent	JP	2009-288599	04629791	
210750331	JP01	210750331JP01	Patent	JP	2007-234854	04969376	
210750344	CN01	210750344CN01	Patent	CN	200810096448.2	ZL200810096448.2	
210750344	JP01	210750344JP01	Patent	JP	2007-174716	04977834	
210750344	JP02	210750344JP02	Patent	JP	2011-241838	04997362	
210750344	JP03	210750344JP03	Patent	JP	2012-046067	05095018	
210750344	JP04	210750344JP04	Patent	JP	2012-109076	05095026	
210750345	US01	210750345US01	Patent	US	12/164894	7769064	
210750345	JP01	210750345JP01	Patent	JP	2007-227679	04797004	
210750348	JP01	210750348JP01	Patent	JP	2007-240395	05081550	
210750353	CN01	210750353CN01	Patent	CN	200810096454.8	ZL200810096454.8	
210750353	JP01	210750353JP01	Patent	JP	2007-174718	05081512	
210750353	JP02	210750353JP02	Patent	JP	2012-190864	05241945	
210750353	JP03	210750353JP03	Patent	JP	2012-190865	05241946	
210750354	CN01	210750354CN01	Patent	CN	200810096449.7	ZL200810096449.7	
210750354	JP01	210750354JP01	Patent	JP	2007-179197	04423314	
210750354	JP02	210750354JP02	Patent	JP	2009-275058	04896212	
210750354	JP03	210750354JP03	Patent	JP	2011-275243	05393764	
210750354	JP04	210750354JP04	Patent	JP	2013-213303	05603475	
210750354	JP05	210750354JP05	Patent	JP	2014-166777	05805835	
210750354	JP06	210750354JP06	Patent	JP	2015-014167	05896436	
210750354	JP07	210750354JP07	Patent	JP	2016-033096	06138988	
210750354	JP08	210750354JP08	Patent	JP	2017-087604		
210750358	US01	210750358US01	Patent	US	12/170938	8214459	
210750358	US02	210750358US02	Patent	US	13/489877	8549109	
210750358	US03	210750358US03	Patent	US	14/029548	8892688	
210750358	US04	210750358US04	Patent	US	14/501621	09197917	
210750358	US05	210750358US05	Patent	US	14/919367	09578369	
210750358	US06	210750358US06	Patent	US	15/402433		
210750358	US07	210750358US07	Patent	US	15/446181		
210750358	CZ03	210750358CZ03	Patent	CZ	11182680.6	02403266	
210750358	DE01	210750358DE01	Patent	DE	602008006330.5	2061230	
210750358	DE03	210750358DE03	Patent	DE	11182680.6	02403266	
210750358	EP04	210750358EP04	Patent	EP	16201316.3		
210750358	ES03	210750358ES03	Patent	ES	11182680.6	02403266	
210750358	FR01	210750358FR01	Patent	FR	08252339.0	2061230	
210750358	FR03	210750358FR03	Patent	FR	11182680.6	02403266	
210750358	GB01	210750358GB01	Patent	GB	08252339.0	2061230	
210750358	GB03	210750358GB03	Patent	GB	11182680.6	02403266	
210750358	IT03	210750358IT03	Patent	IT	11182680.6	02403266	
210750358	JP01	210750358JP01	Patent	JP	2007-248353	05194673	
210750358	JP02	210750358JP02	Patent	JP	2012-268954	05575216	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210750358	JP03	210750358JP03	Patent	JP	2014-044540	05893657	
210750358	JP04	210750358JP04	Patent	JP	2015-235234		
210750358	JP05	210750358JP05	Patent	JP	2016-186745		
210750358	JP06	210750358JP06	Patent	JP	2017-116531		
210750358	KR01	210750358KR01	Patent	KR	10-2008-0067190	10-1031137	
210750358	NL01	210750358NL01	Patent	NL	08252339.0	2061230	
210750358	NL03	210750358NL03	Patent	NL	11182680.6	02403266	
210750358	PL03	210750358PL03	Patent	PL	11182680.6	02403266	
210750358	TR03	210750358TR03	Patent	TR	11182680.6	02403266	
210750362	US01	210750362US01	Patent	US	12/681107	8410694	
210750362	JP01	210750362JP01	Patent	JP	2009-535903	04670990	
210750368	JP01	210750368JP01	Patent	JP	2007-311596	04907506	
210750368	JP02	210750368JP02	Patent	JP	2012-002777	05260760	
210750379	JP01	210750379JP01	Patent	JP	2007-286886	05268327	
210750379	JP02	210750379JP02	Patent	JP	2013-091905	05608785	
210750391	JP01	210750391JP01	Patent	JP	2007-203812	05049688	
210750401	US01	210750401US01	Patent	US	12/253475	8413192	
210750401	JP01	210750401JP01	Patent	JP	2007-276346	05770408	
210750406	JP01	210750406JP01	Patent	JP	2009-529896	05163651	
210750416	IN01	210750416IN01	Patent	IN	1586/EL/2008		
210750416	JP01	210750416JP01	Patent	JP	2007-206644	05503841	
210750416	JP02	210750416JP02	Patent	JP	2014-053307	05695771	
210750418	US01	210750418US01	Patent	US	12/034955	8242978	
210750418	JP01	210750418JP01	Patent	JP	2007-213246	05260002	
210750430	JP01	210750430JP01	Patent	JP	2007-213245	05039477	
210750430	JP02	210750430JP02	Patent	JP	2011-218857	05527826	
210750434	JP01	210750434JP01	Patent	JP	2007-253021	05298487	
210750443	JP01	210750443JP01	Patent	JP	2009-529895	04985775	
210750444	JP01	210750444JP01	Patent	JP	2008-031259	05271559	
210750458	US01	210750458US01	Patent	US	12/672572	8044590	
210750458	CN01	210750458CN01	Patent	CN	200780100245.X	ZL200780100245.X	
210750458	JP01	210750458JP01	Patent	JP	2009-527984	05188502	
210750458	KR01	210750458KR01	Patent	KR	10-2010-7005204	10-1103175	
210750467	US01	210750467US01	Patent	US	12/331836	8594492	
210750467	CN01	210750467CN01	Patent	CN	200810185170.6	ZL200810185170.6	
210750467	JP01	210750467JP01	Patent	JP	2007-319059	04982346	
210750468	US01	210750468US01	Patent	US	12/674131	8207672	
210750468	JP01	210750468JP01	Patent	JP	2009-535914	04945641	
210750469	US01	210750469US01	Patent	US	12/078310	8223599	
210750469	JP01	210750469JP01	Patent	JP	2007-208636	04928381	
210750484	CN01	210750484CN01	Patent	CN	200810171092.4	ZL200810171092.4	
210750485	US01	210750485US01	Patent	US	12/324939	8112503	
210750488	JP01	210750488JP01	Patent	JP	2007-205423	05027589	
210750489	US01	210750489US01	Patent	US	12/213912	8083357	
210750489	CN01	210750489CN01	Patent	CN	200810108420.6	ZL200810108420.6	
210750489	DE01	210750489DE01	Patent	DE	602008047613.8	02023202	
210750489	FR01	210750489FR01	Patent	FR	08252091.7	02023202	
210750489	GB01	210750489GB01	Patent	GB	08252091.7	02023202	
210750489	JP01	210750489JP01	Patent	JP	2007-206493	05189804	
210750491	US01	210750491US01	Patent	US	12/078449	8224149	
210750491	CN01	210750491CN01	Patent	CN	200810161119.1	ZL200810161119.1	
210750491	JP01	210750491JP01	Patent	JP	2007-208600	04939338	
210750492	CN01	210750492CN01	Patent	CN	200810171926.1	ZL200810171926.1	
210750499	JP01	210750499JP01	Patent	JP	2007-329493	04842920	
210750499	JP02	210750499JP02	Patent	JP	2011-221487	05309196	
210750502	JP01	210750502JP01	Patent	JP	2007-214251	05002370	
210750502	JP02	210750502JP02	Patent	JP	2012-113980	05063827	
210750502	JP03	210750502JP03	Patent	JP	2012-113981	05114600	
210750510	JP01	210750510JP01	Patent	JP	2007-220694	05371217	
210750515	JP01	210750515JP01	Patent	JP	2007-214252	05002371	
210750515	JP02	210750515JP02	Patent	JP	2012-113982	05114601	
210750515	JP03	210750515JP03	Patent	JP	2012-227611	05236112	
210750515	JP04	210750515JP04	Patent	JP	2012-227612	05236113	
210750515	JP05	210750515JP05	Patent	JP	2013-061290	05522644	
210750517	US01	210750517US01	Patent	US	12/248945	8867626	
210750517	US02	210750517US02	Patent	US	14/519332	09451255	
210750517	US03	210750517US03	Patent	US	15/245427	09609322	
210750517	US04	210750517US04	Patent	US	15/245430	9699458	
210750517	US05	210750517US05	Patent	US	15/245433	9706202	
210750517	US06	210750517US06	Patent	US	15/245435	09699459	
210750517	CN01	210750517CN01	Patent	CN	200810167499.X	ZL200810167499.X	
210750517	CN02	210750517CN02	Patent	CN	201410216451.9		
210750517	CN03	210750517CN03	Patent	CN	201410216290.3	ZL201410216290.3	
210750517	CN04	210750517CN04	Patent	CN	201410216455.7		
210750517	CN05	210750517CN05	Patent	CN	201410217173.9		
210750517	CN06	210750517CN06	Patent	CN	201410217175.8		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210750517	DE01	210750517DE01	Patent	DE	602008043020.0	2059048	
210750517	EP02	210750517EP02	Patent	EP	16150161.4		
210750517	FR01	210750517FR01	Patent	FR	08253302.7	2059048	
210750517	GB01	210750517GB01	Patent	GB	08253302.7	2059048	
210750517	JP02	210750517JP02	Patent	JP	2012-025715	05422681	
210750517	JP03	210750517JP03	Patent	JP	2013-196392	05690898	
210750517	JP04	210750517JP04	Patent	JP	2014-192491	05886922	
210750517	JP05	210750517JP05	Patent	JP	2015-179598	05887012	
210750517	JP06	210750517JP06	Patent	JP	2015-179599	05887013	
210750517	JP07	210750517JP07	Patent	JP	2015-179600	05891333	
210750517	JP08	210750517JP08	Patent	JP	2016-030682		
210750519	JP01	210750519JP01	Patent	JP	2007-245347	05180550	
210750544	JP01	210750544JP01	Patent	JP	2007-305200	04922903	
210750549	US01	210750549US01	Patent	US	12/236742	8504544	
210750549	CN01	210750549CN01	Patent	CN	200810167415.2	ZL200810167415.2	
210750549	CN02	210750549CN02	Patent	CN	201210578972.X	ZL201210578972.X	
210750549	CN03	210750549CN03	Patent	CN	201210579085.4	ZL201210579085.4	
210750549	JP01	210750549JP01	Patent	JP	2007-253030	05063280	
210750553	JP01	210750553JP01	Patent	JP	2008-008648	05097563	
210750564	JP01	210750564JP01	Patent	JP	2007-255731	05185586	
210750566	US01	210750566US01	Patent	US	12/164215	7796206	
210750566	US02	210750566US02	Patent	US	12/792131	7924366	
210750566	US03	210750566US03	Patent	US	12/828038	8023062	
210750566	US04	210750566US04	Patent	US	13/197398	8576350	
210750566	CN02	210750566CN02	Patent	CN	201010233496.9	ZL201010233496.9	
210750566	CN03	210750566CN03	Patent	CN	201010233500.1	ZL201010233500.1	
210750566	CN04	210750566CN04	Patent	CN	201210297892.7	ZL201210297892.7	
210750566	DE01	210750566DE01	Patent	DE	602008026927.2	2043415	
210750566	DE02	210750566DE02	Patent	DE	602008040737.3	02651202	
210750566	EP03	210750566EP03	Patent	EP	15183447.0		
210750566	FR01	210750566FR01	Patent	FR	08251889.5	2043415	
210750566	FR02	210750566FR02	Patent	FR	13171478.4	02651202	
210750566	GB01	210750566GB01	Patent	GB	08251889.5	2043415	
210750566	GB02	210750566GB02	Patent	GB	13171478.4	02651202	
210750566	JP01	210750566JP01	Patent	JP	2007-255752	05113468	
210750566	NL01	210750566NL01	Patent	NL	08251889.5	2043415	
210750567	JP02	210750567JP02	Patent	JP	2008-193010	04305564	
210750567	JP03	210750567JP03	Patent	JP	2011-244090	05097851	
210750568	JP01	210750568JP01	Patent	JP	2007-255787	05022850	
210750584	JP01	210750584JP01	Patent	JP	2007-249235	04966801	
210750588	US02	210750588US02	Patent	US	13/732573	09325959	
210750588	CN01	210750588CN01	Patent	CN	200810186167.6	ZL200810186167.6	
210750588	JP01	210750588JP01	Patent	JP	2007-326955	05042000	
210750597	US01	210750597US01	Patent	US	12/331211	8111973	
210750597	JP01	210750597JP01	Patent	JP	2007-318223	05222543	
210750599	JP01	210750599JP01	Patent	JP	2007-294106	04929130	
210750608	JP01	210750608JP01	Patent	JP	2007-322719	04951487	
210750627	US01	210750627US01	Patent	US	12/331501	8599244	
210750627	US02	210750627US02	Patent	US	14/093089	09503648	
210750627	US03	210750627US03	Patent	US	15/341860		
210750627	CN02	210750627CN02	Patent	CN	201210046911.9	ZL201210046911.9	
210750627	CN03	210750627CN03	Patent	CN	201410123302.8	ZL201410123302.8	
210750627	CN04	210750627CN04	Patent	CN	201410123301.3		
210750627	JP01	210750627JP01	Patent	JP	2007-321486	04959535	
210750627	JP02	210750627JP02	Patent	JP	2012-059610	05396501	
210750627	JP03	210750627JP03	Patent	JP	2013-180858	05851462	
210750627	JP04	210750627JP04	Patent	JP	2015-235489		
210750627	JP05	210750627JP05	Patent	JP	2017-173748		
210750636	JP01	210750636JP01	Patent	JP	2007-253038	05094311	
210750643	JP01	210750643JP01	Patent	JP	2007-324179	04934580	
210750645	JP01	210750645JP01	Patent	JP	2008-060407	04857297	
210750653	JP01	210750653JP01	Patent	JP	2008-094471	04972599	
210750663	JP01	210750663JP01	Patent	JP	2007-260485	05250232	
210750667	US01	210750667US01	Patent	US	12/244826	8089557	
210750667	CN01	210750667CN01	Patent	CN	200810168246.4	ZL200810168246.4	
210750667	JP01	210750667JP01	Patent	JP	2007-260488	05250233	
210750679	US01	210750679US01	Patent	US	12/270887		
210750679	CN01	210750679CN01	Patent	CN	200810178490.9	ZL200810178490.9	
210750679	JP01	210750679JP01	Patent	JP	2008-015742	04876082	
210750685	CN01	210750685CN01	Patent	CN	200810190982.X	ZL200810190982.X	
210750688	JP01	210750688JP01	Patent	JP	2007-290285	04871840	
210750696	JP01	210750696JP01	Patent	JP	2008-079501	05082973	
210750699	CN01	210750699CN01	Patent	CN	200910005157.2	ZL200910005157.2	
210750699	JP01	210750699JP01	Patent	JP	2008-062003	04919993	
210750699	JP02	210750699JP02	Patent	JP	2011-269557	05188619	
210750699	KR01	210750699KR01	Patent	KR	10-2009-0009250	10-1026328	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210750699	KR02	210750699KR02	Patent	KR	10-2010-0099149	10-1057559	
210750710	JP01	210750710JP01	Patent	JP	2008-003482	05175558	
210750711	US01	210750711US01	Patent	US	12/367662	7787167	
210750711	CN01	210750711CN01	Patent	CN	200910008516.X	ZL200910008516.X	
210750712	JP01	210750712JP01	Patent	JP	2008-010112	05191748	
210750734	JP01	210750734JP01	Patent	JP	2008-141340	04966917	
210750739	US01	210750739US01	Patent	US	12/252422	8446528	
210750739	US02	210750739US02	Patent	US	13/868840	8908095	
210750739	US03	210750739US03	Patent	US	14/521282	09218783	
210750739	US04	210750739US04	Patent	US	14/941666		
210750739	US05	210750739US05	Patent	US	15/287403		
210750739	CN01	210750739CN01	Patent	CN	200810170524.X	ZL200810170524.X	
210750739	CN02	210750739CN02	Patent	CN	201110229776.7	ZL201110229776.7	
210750739	CN03	210750739CN03	Patent	CN	201110229779.0	ZL201110229779.0	
210750739	JP02	210750739JP02	Patent	JP	2012-223808	05940953	
210750739	JP03	210750739JP03	Patent	JP	2015-045622	05960312	
210750739	JP04	210750739JP04	Patent	JP	2016-123386	06105129	
210750739	JP05	210750739JP05	Patent	JP	2017-037884		
210750739	JP06	210750739JP06	Patent	JP	2017-139646		
210750750	JP01	210750750JP01	Patent	JP	2007-322721	05046905	
210750753	JP01	210750753JP01	Patent	JP	2009-546081	05229233	
210750758	US01	210750758US01	Patent	US	12/266586	8109642	
210750758	CN01	210750758CN01	Patent	CN	200810178491.3	ZL200810178491.3	
210750758	JP01	210750758JP01	Patent	JP	2007-308155	05134924	
210750763	US01	210750763US01	Patent	US	12/265756	8162489	
210750763	CN01	210750763CN01	Patent	CN	200810172634.X	ZL200810172634.X	
210750763	JP01	210750763JP01	Patent	JP	2007-295038	05255821	
210750765	US01	210750765US01	Patent	US	12/183684	8247970	
210750765	JP01	210750765JP01	Patent	JP	2007-315583	04951479	
210750765	KR01	210750765KR01	Patent	KR	10-2008-0050194	10-0944075	
210750766	US01	210750766US01	Patent	US	12/258521	8159622	
210750766	US02	210750766US02	Patent	US	13/442049	8279359	
210750766	JP01	210750766JP01	Patent	JP	2007-289433	05082779	
210750766	JP02	210750766JP02	Patent	JP	2012-126691	05358717	
210750767	US01	210750767US01	Patent	US	12/258132	8066234	
210750767	JP01	210750767JP01	Patent	JP	2007-288767	04988518	
210750784	JP01	210750784JP01	Patent	JP	2007-295456	04823201	
210750786	CN01	210750786CN01	Patent	CN	200810171606.6	ZL200810171606.6	
210750787	JP01	210750787JP01	Patent	JP	2008-025844	05532540	
210750792	US01	210750792US01	Patent	US	12/260410	09420212	
210750792	US02	210750792US02	Patent	US	15/208886		
210750792	CN01	210750792CN01	Patent	CN	200810175595.9	ZL200810175595.9	
210750792	CN02	210750792CN02	Patent	CN	201410395041.5		
210750792	CN03	210750792CN03	Patent	CN	201510969210.6		
210750792	JP01	210750792JP01	Patent	JP	2007-306750	05033598	
210750795	US01	210750795US01	Patent	US	12/361849	7967462	
210750795	CN01	210750795CN01	Patent	CN	200910005155.3	ZL200910005155.3	
210750795	JP01	210750795JP01	Patent	JP	2008-029873	05011151	
210750801	US01	210750801US01	Patent	US	12/327847	7813127	
210750801	CN01	210750801CN01	Patent	CN	200810182934.6	ZL200810182934.6	
210750801	JP01	210750801JP01	Patent	JP	2007-317080	05086047	
210750802	JP01	210750802JP01	Patent	JP	2007-317068	05161551	
210750803	CN01	210750803CN01	Patent	CN	200810180925.3	ZL200810180925.3	
210750812	US01	210750812US01	Patent	US	12/327845	8323758	
210750812	CN01	210750812CN01	Patent	CN	200810182937.X	ZL200810182937.X	
210750812	JP01	210750812JP01	Patent	JP	2007-316527	04857252	
210750820	JP01	210750820JP01	Patent	JP	2008-011057	05372383	
210750820	JP02	210750820JP02	Patent	JP	2013-189998	05450875	
210750820	JP03	210750820JP03	Patent	JP	2013-189999	05450876	
210750820	JP04	210750820JP04	Patent	JP	2013-263259	05775140	
210750820	JP05	210750820JP05	Patent	JP	2015-133174	06126167	
210750820	JP06	210750820JP06	Patent	JP	2017-075637		
210750821	JP02	210750821JP02	Patent	JP	2012-086951	05188634	
210750821	JP03	210750821JP03	Patent	JP	2013-007994	05380614	
210750821	JP04	210750821JP04	Patent	JP	2013-163742	05413534	
210750823	US01	210750823US01	Patent	US	12/326930	8462843	
210750823	US02	210750823US02	Patent	US	13/914717	09674474	
210750823	US03	210750823US03	Patent	US	14/306324	09602754	
210750823	US04	210750823US04	Patent	US	15/494952		
210750823	CN01	210750823CN01	Patent	CN	200810182933.1	ZL200810182933.1	
210750823	CN02	210750823CN02	Patent	CN	201110034964.4	ZL201110034964.4	
210750823	JP01	210750823JP01	Patent	JP	2007-316528	05271532	
210750823	JP02	210750823JP02	Patent	JP	2012-046068	05367107	
210750823	JP03	210750823JP03	Patent	JP	2013-186873	05588555	
210750824	US01	210750824US01	Patent	US	12/327834	8756347	
210750824	US02	210750824US02	Patent	US	14/300300	09204142	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210750824	CN01	210750824CN01	Patent	CN	200810182938.4	ZL200810182938.4	
210750824	JP03	210750824JP03	Patent	JP	2010-263072	05205439	
210750824	JP04	210750824JP04	Patent	JP	2013-028552	05548791	
210750831	KR01	210750831KR01	Patent	KR	10-2008-0097417	10-0954926	
210750834	US01	210750834US01	Patent	US	12/277546	8319705	
210750834	JP01	210750834JP01	Patent	JP	2008-027166	04593636	
210750834	KR01	210750834KR01	Patent	KR	10-2008-0101583	10-0982844	
210750845	CN01	210750845CN01	Patent	CN	200880125140.4	ZL200880125140.4	
210750845	JP01	210750845JP01	Patent	JP	2010-501719	04961495	
210750845	KR01	210750845KR01	Patent	KR	10-2010-7015555	10-1106830	
210750846	KR01	210750846KR01	Patent	KR	10-2010-7016033	10-1109958	
210750849	US01	210750849US01	Patent	US	12/746881	8484299	
210750849	US02	210750849US02	Patent	US	13/914632	9313295	
210750849	US03	210750849US03	Patent	US	15/055629	09661101	
210750849	US04	210750849US04	Patent	US	15/465964		
210750849	CN01	210750849CN01	Patent	CN	200980101321.8	ZL200980101321.8	
210750849	CN02	210750849CN02	Patent	CN	201310009137.9	ZL201310009137.9	
210750849	CN03	210750849CN03	Patent	CN	201310009141.5	ZL201310009141.5	
210750849	JP01	210750849JP01	Patent	JP	2008-048389	05222585	
210750863	US01	210750863US01	Patent	US	12/418687	8139127	
210750863	CN01	210750863CN01	Patent	CN	200910118371.9	ZL200910118371.9	
210850003	US01	210850003US01	Patent	US	12/738076	8040064	
210850003	CN01	210850003CN01	Patent	CN	200880115674.9	ZL200880115674.9	
210850003	JP01	210850003JP01	Patent	JP	2009-554152	04973739	
210850008	JP01	210850008JP01	Patent	JP	2008-008651	05103198	
210850028	JP01	210850028JP01	Patent	JP	2008-097706	05114274	
210850031	JP01	210850031JP01	Patent	JP	2008-193009	05369526	
210850038	JP01	210850038JP01	Patent	JP	2008-140989	05238359	
210850039	US01	210850039US01	Patent	US	12/993920	8929439	
210850039	BR01	210850039BR01	Patent	BR	'10913589-8		
210850039	CN01	210850039CN01	Patent	CN	200980120852.1	ZL200980120852.1	
210850039	IN01	210850039IN01	Patent	IN	8354/ELN/2010		
210850039	JP02	210850039JP02	Patent	JP	2010-522654	05362723	
210850039	KR01	210850039KR01	Patent	KR	10-2010-7027122	10-1223780	
210850039	MY01	210850039MY01	Patent	MY	'12010005634	MY-154427-A	
210850039	SG01	210850039SG01	Patent	SG	201008833-4	167927	
210850040	JP01	210850040JP01	Patent	JP	2008-193008	05103314	
210850041	JP01	210850041JP01	Patent	JP	2008-022270	04961363	
210850045	IN01	210850045IN01	Patent	IN	1054/ELN/2011		
210850048	JP01	210850048JP01	Patent	JP	2008-195631	05124380	
210850054	US01	210850054US01	Patent	US	12/477487	8649430	
210850054	CN01	210850054CN01	Patent	CN	200910142719.8	ZL200910142719.8	
210850054	JP01	210850054JP01	Patent	JP	2008-147650	05064305	
210850063	US01	210850063US01	Patent	US	12/746876	8984646	
210850063	US02	210850063US02	Patent	US	14/575902		
210850063	EP01	210850063EP01	Patent	EP	09723087.4		
210850063	JP01	210850063JP01	Patent	JP	2008-066964	05331354	
210850063	JP02	210850063JP02	Patent	JP	2013-156251	05734367	
210850066	JP01	210850066JP01	Patent	JP	2008-169800	05039648	
210850072	JP01	210850072JP01	Patent	JP	2008-153667	05124354	
210850073	US01	210850073US01	Patent	US	12/365465	8767017	
210850073	US02	210850073US02	Patent	US	14/284327		
210850073	CN01	210850073CN01	Patent	CN	200910005648.7	ZL200910005648.7	
210850073	CN02	210850073CN02	Patent	CN	201110225807.1	ZL201110225807.1	
210850073	JP01	210850073JP01	Patent	JP	2008-040820	05577023	
210850074	US01	210850074US01	Patent	US	12/367560	7670009	
210850074	US02	210850074US02	Patent	US	12/704687	7909472	
210850074	US03	210850074US03	Patent	US	13/022106	8075142	
210850074	CN01	210850074CN01	Patent	CN	200910005652.3	ZL200910005652.3	
210850074	CN02	210850074CN02	Patent	CN	201010611846.0	ZL201010611846.0	
210850074	JP01	210850074JP01	Patent	JP	2008-059433	05091726	
210850084	JP01	210850084JP01	Patent	JP	2008-147558	05188272	
210850088	CN01	210850088CN01	Patent	CN	200910118374.2	ZL200910118374.2	
210850094	US01	210850094US01	Patent	US	12/243068	8368822	
210850094	CN01	210850094CN01	Patent	CN	200810169556.8	ZL200810169556.8	
210850094	DE01	210850094DE01	Patent	DE	602008013915.8	2101492	
210850094	FR01	210850094FR01	Patent	FR	08253180.7	2101492	
210850094	GB01	210850094GB01	Patent	GB	08253180.7	2101492	
210850094	JP01	210850094JP01	Patent	JP	2008-059443	05055171	
210850094	NL01	210850094NL01	Patent	NL	08253180.7	2101492	
210850098	US01	210850098US01	Patent	US	12/233117	8261813	
210850098	CN01	210850098CN01	Patent	CN	200810168247.9	ZL200810168247.9	
210850098	JP01	210850098JP01	Patent	JP	2008-114025	05002522	
210850099	US01	210850099US01	Patent	US	12/340270	8203549	
210850099	CN01	210850099CN01	Patent	CN	200810175594.4	ZL200810175594.4	
210850099	JP01	210850099JP01	Patent	JP	2008-078803	04583465	



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210850099	KR01	210850099KR01	Patent	KR	10-2008-0109843	10-1073173	
210850104	CN01	210850104CN01	Patent	CN	200910118359.8	ZL200910118359.8	
210850104	JP01	210850104JP01	Patent	JP	2008-149469	05117287	
210850122	CN01	210850122CN01	Patent	CN	200910118369.1	ZL200910118369.1	
210850126	JP01	210850126JP01	Patent	JP	2008-214806	05241381	
210850126	JP02	210850126JP02	Patent	JP	2013-023998	05518221	
210850127	JP01	210850127JP01	Patent	JP	2008-055701	05094478	
210850133	US01	210850133US01	Patent	US	12/488197	8212927	
210850137	US01	210850137US01	Patent	US	12/740678	8148898	
210850137	JP01	210850137JP01	Patent	JP	2010-515667	04764955	
210850147	JP01	210850147JP01	Patent	JP	2008-169088	04997189	
210850148	JP01	210850148JP01	Patent	JP	2008-107396	05119032	
210850152	JP01	210850152JP01	Patent	JP	2008-249497	05260214	
210850155	US01	210850155US01	Patent	US	12/474503	8295689	
210850160	JP01	210850160JP01	Patent	JP	2008-153132	05339787	
210850160	JP02	210850160JP02	Patent	JP	2013-163176	05738365	
210850199	JP01	210850199JP01	Patent	JP	2008-176453	04972615	
210850205	US01	210850205US01	Patent	US	12/394087	8400058	
210850205	JP01	210850205JP01	Patent	JP	2008-103945	04566249	
210850205	KR01	210850205KR01	Patent	KR	10-2009-0019724	10-1031976	
210850207	JP01	210850207JP01	Patent	JP	2008-104055	04966907	
210850208	JP01	210850208JP01	Patent	JP	2008-104058	04966908	
210850211	JP01	210850211JP01	Patent	JP	2008-104062	04966909	
210850217	JP01	210850217JP01	Patent	JP	2008-158725	04961394	
210850220	CN01	210850220CN01	Patent	CN	200910134649.1	ZL200910134649.1	
210850222	US01	210850222US01	Patent	US	12/430206	8401361	
210850222	JP01	210850222JP01	Patent	JP	2008-154688	05087477	
210850233	CN01	210850233CN01	Patent	CN	200910134644.9	ZL200910134644.9	
210850233	JP01	210850233JP01	Patent	JP	2008-094473	05358114	
210850248	JP01	210850248JP01	Patent	JP	2008-167277	05002546	
210850255	US01	210850255US01	Patent	US	12/430185	09159368	
210850255	US02	210850255US02	Patent	US	14/478020		
210850255	US03	210850255US03	Patent	US			Preparing for filing
210850255	CN01	210850255CN01	Patent	CN	200910118367.2	ZL200910118367.2	
210850255	CN02	210850255CN02	Patent	CN	201310294338.8	ZL201310294338.8	
210850255	CN03	210850255CN03	Patent	CN	201310293822.9	ZL201310293822.9	
210850255	JP01	210850255JP01	Patent	JP	2008-130678	04960301	
210850255	JP02	210850255JP02	Patent	JP	2012-063504	05352697	
210850255	JP03	210850255JP03	Patent	JP	2013-137768	05346140	
210850255	JP04	210850255JP04	Patent	JP	2013-168836	05785230	
210850255	JP05	210850255JP05	Patent	JP	2015-040089	05951061	
210850255	JP06	210850255JP06	Patent	JP	2016-043206	06150919	
210850257	US01	210850257US01	Patent	US	12/426638	8287136	
210850257	US02	210850257US02	Patent	US	13/605281	8625082	
210850257	CN01	210850257CN01	Patent	CN	200910009447.4	ZL200910009447.4	
210850257	JP01	210850257JP01	Patent	JP	2008-249507	05276943	
210850262	JP01	210850262JP01	Patent	JP	2008-136185	05341393	
210850262	JP02	210850262JP02	Patent	JP	2013-163739	05596833	
210850262	JP03	210850262JP03	Patent	JP	2014-160335	05986155	
210850262	JP04	210850262JP04	Patent	JP	2016-153340		
210850285	US01	210850285US01	Patent	US	12/412013	8203550	
210850285	CN01	210850285CN01	Patent	CN	200910127093.3	ZL200910127093.3	
210850285	KR01	210850285KR01	Patent	KR	10-2009-0027769	10-1054188	
210850293	JP01	210850293JP01	Patent	JP	2008-229213	05142893	
210850296	US01	210850296US01	Patent	US	12/430151	8989555	
210850296	CN01	210850296CN01	Patent	CN	200910118364.9	ZL200910118364.9	
210850296	JP01	210850296JP01	Patent	JP	2008-224245	05066037	
210850303	JP01	210850303JP01	Patent	JP	2008-249503	05156565	
210850309	JP01	210850309JP01	Patent	JP	2008-256972	05469842	
210850312	CN01	210850312CN01	Patent	CN	200910118357.9	ZL200910118357.9	
210850318	JP01	210850318JP01	Patent	JP	2008-193006	05164716	
210850338	JP01	210850338JP01	Patent	JP	2008-279066	05183423	
210850347	CN01	210850347CN01	Patent	CN	200910133683.7	ZL200910133683.7	
210850350	US01	210850350US01	Patent	US	12/428732	8085534	
210850350	CN01	210850350CN01	Patent	CN	200910134645.3	ZL200910134645.3	
210850371	US01	210850371US01	Patent	US	12/621304	8471950	
210850371	CN01	210850371CN01	Patent	CN	200910207765.1	ZL200910207765.1	
210850371	JP01	210850371JP01	Patent	JP	2008-303423	05135184	
210850372	JP01	210850372JP01	Patent	JP	2008-303422	05205230	
210850375	JP01	210850375JP01	Patent	JP	2008-149906	05066486	
210850376	JP01	210850376JP01	Patent	JP	2008-331853	05094704	
210850378	CN01	210850378CN01	Patent	CN	200910142981.2	ZL200910142981.2	
210850392	JP01	210850392JP01	Patent	JP	2008-265876	05380035	
210850398	US01	210850398US01	Patent	US	13/132426	09560368	
210850398	US02	210850398US02	Patent	US	15/383421		
210850398	CN01	210850398CN01	Patent	CN	200980148524.2	ZL200980148524.2	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210850398	CN02	210850398CN02	Patent	CN	201310591426.4	ZL201310591426.4	
210850398	JP02	210850398JP02	Patent	JP	2010-541217	05277257	
210850403	US01	210850403US01	Patent	US	12/863621	8553025	
210850403	JP01	210850403JP01	Patent	JP	2010-528558	05432158	
210850407	US01	210850407US01	Patent	US	12/473459	8159629	
210850407	CN01	210850407CN01	Patent	CN	200910145231.0	ZL200910145231.0	
210850408	US01	210850408US01	Patent	US	12/620640	8798153	
210850408	CN01	210850408CN01	Patent	CN	200910224932.3	ZL200910224932.3	
210850411	US01	210850411US01	Patent	US	12/430144	8040410	
210850411	CN01	210850411CN01	Patent	CN	200910130782.X	ZL200910130782.X	
210850413	JP01	210850413JP01	Patent	JP	2008-189593	04832478	
210850415	JP01	210850415JP01	Patent	JP	2008-203717	05047095	
210850416	JP01	210850416JP01	Patent	JP	2008-303420	05150469	
210850417	US01	210850417US01	Patent	US	12/429231	8188967	
210850417	CN01	210850417CN01	Patent	CN	200910134625.6	ZL200910134625.6	
210850417	JP01	210850417JP01	Patent	JP	2008-226679	05097060	
210850422	JP01	210850422JP01	Patent	JP	2008-194290	05325489	
210850432	US01	210850432US01	Patent	US	12/863749	8179042	
210850432	JP01	210850432JP01	Patent	JP	2010-527602	04914937	
210850437	US01	210850437US01	Patent	US	12/429247	8085259	
210850437	CN01	210850437CN01	Patent	CN	200910130779.8	ZL200910130779.8	
210850437	JP01	210850437JP01	Patent	JP	2008-219283	05080404	
210850447	US01	210850447US01	Patent	US	12/428698	8427588	
210850447	CN01	210850447CN01	Patent	CN	200910118352.6	ZL200910118352.6	
210850447	JP01	210850447JP01	Patent	JP	2008-227861	05281853	
210850454	US01	210850454US01	Patent	US	12/491334	8957880	
210850454	CN01	210850454CN01	Patent	CN	200910203048.1	ZL200910203048.1	
210850454	JP01	210850454JP01	Patent	JP	2008-214805	05250339	
210850460	JP01	210850460JP01	Patent	JP	2008-289368	05235618	
210850460	JP02	210850460JP02	Patent	JP	2013-061293	05758938	
210850468	JP01	210850468JP01	Patent	JP	2008-329023	05299861	
210850469	JP01	210850469JP01	Patent	JP	2008-296237	05147655	
210850478	US01	210850478US01	Patent	US	12/863640	8692463	
210850478	JP01	210850478JP01	Patent	JP	2010-540234	05113912	
210850489	US01	210850489US01	Patent	US	12/619019	8531059	
210850489	CN01	210850489CN01	Patent	CN	200910207759.6	ZL200910207759.6	
210850489	JP01	210850489JP01	Patent	JP	2008-331861	05135204	
210850496	US01	210850496US01	Patent	US	12/863679	8179041	
210850505	US01	210850505US01	Patent	US	13/058560	8693546	
210850505	US02	210850505US02	Patent	US	14/169301	9131218	
210850505	US03	210850505US03	Patent	US	14/842020		
210850505	CN01	210850505CN01	Patent	CN	200980129083.1	ZL200980129083.1	
210850505	EP01	210850505EP01	Patent	EP	09815792.8		
210850505	JP01	210850505JP01	Patent	JP	2008-249515	05422168	
210850505	JP02	210850505JP02	Patent	JP	2013-242473	05788952	
210850505	JP03	210850505JP03	Patent	JP	2015-150256	05864022	
210850505	JP04	210850505JP04	Patent	JP	2015-150257	05864023	
210850505	JP05	210850505JP05	Patent	JP	2015-249141	05887020	
210850505	JP06	210850505JP06	Patent	JP	2015-249142	05890933	
210850505	JP07	210850505JP07	Patent	JP	2016-029602		
210850512	JP01	210850512JP01	Patent	JP	2008-241232	05086214	
210850513	JP01	210850513JP01	Patent	JP	2008-280700	05023040	
210850518	JP01	210850518JP01	Patent	JP	2008-303414	05097684	
210850530	JP01	210850530JP01	Patent	JP	2008-286786	05047127	
210850534	US01	210850534US01	Patent	US	12/457257	8363087	
210850534	US02	210850534US02	Patent	US	13/723312	9124758	
210850534	US03	210850534US03	Patent	US	14/811048	09432618	
210850534	US04	210850534US04	Patent	US	15/215839	09723268	
210850534	US05	210850534US05	Patent	US	15/631298		
210850534	JP01	210850534JP01	Patent	JP	2008-246232	05410720	
210850534	JP02	210850534JP02	Patent	JP	2013-230194	05800879	
210850534	JP03	210850534JP03	Patent	JP	2015-116483		
210850537	JP01	210850537JP01	Patent	JP	2009-011053	05156655	
210850544	JP01	210850544JP01	Patent	JP	2008-277009	05011261	
210850546	US01	210850546US01	Patent	US	12/621321	8319848	
210850562	US01	210850562US01	Patent	US	12/429434	8677438	
210850562	CN01	210850562CN01	Patent	CN	200910118343.7	ZL200910118343.7	
210850562	CN02	210850562CN02	Patent	CN	201210382860.7	ZL201210382860.7	
210850562	DE01	210850562DE01	Patent	DE	602009039431.2	2164233	
210850562	EP02	210850562EP02	Patent	EP	16176670.4		
210850562	GB01	210850562GB01	Patent	GB	09251130.2	2164233	
210850562	JP01	210850562JP01	Patent	JP	2008-235872	05380023	
210850564	US01	210850564US01	Patent	US	12/545958	8405312	
210850564	JP01	210850564JP01	Patent	JP	2008-248119	04637941	
210850567	JP01	210850567JP01	Patent	JP	2008-300341	05216553	
210850571	JP01	210850571JP01	Patent	JP	2007-153121	05081502	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210850582	US01	210850582US01	Patent	US	12/608083	8477259	
210850582	JP01	210850582JP01	Patent	JP	2008-280032	05530620	
210850584	US01	210850584US01	Patent	US	12/615394	8390640	
210850584	CN01	210850584CN01	Patent	CN	200910205418.5	ZL200910205418.5	
210850584	EP01	210850584EP01	Patent	EP	09252604.5		
210850584	JP01	210850584JP01	Patent	JP	2008-295534	05134508	
210850592	JP01	210850592JP01	Patent	JP	2008-245117	05271649	
210850596	JP01	210850596JP01	Patent	JP	2008-241958	05130171	
210850607	JP01	210850607JP01	Patent	JP	2008-243582	05325512	
210850608	US01	210850608US01	Patent	US	12/421733	8192031	
210850608	US02	210850608US02	Patent	US	13/459715	8783877	
210850608	US03	210850608US03	Patent	US	14/337719	9304380	
210850608	CN01	210850608CN01	Patent	CN	200910009446.X	ZL200910009446.X	
210850608	CN02	210850608CN02	Patent	CN	201110320138.6	ZL201110320138.6	
210850608	JP01	210850608JP01	Patent	JP	2008-246124	05380028	
210850608	JP02	210850608JP02	Patent	JP	2013-203003	05695151	
210850613	JP01	210850613JP01	Patent	JP	2008-249516	05427385	
210850613	JP02	210850613JP02	Patent	JP	2013-248830	05770251	
210850620	US02	210850620US02	Patent	US	13/523672	8667426	
210850620	CN01	210850620CN01	Patent	CN	200910141610.2	ZL200910141610.2	
210850620	CN02	210850620CN02	Patent	CN	201210247928.0	ZL201210247928.0	
210850620	JP01	210850620JP01	Patent	JP	2008-249510	05183398	
210850620	JP02	210850620JP02	Patent	JP	2013-002214	05386645	
210850621	JP01	210850621JP01	Patent	JP	2009-005294	05337499	
210850629	CN01	210850629CN01	Patent	CN	200910177680.3	ZL200910177680.3	
210850629	JP01	210850629JP01	Patent	JP	2008-257962	05315542	
210850634	CN01	210850634CN01	Patent	CN	200910142112.X	ZL200910142112.X	
210850634	JP01	210850634JP01	Patent	JP	2008-249518	05205195	
210850662	US01	210850662US01	Patent	US	12/619969	8113669	
210850662	CN01	210850662CN01	Patent	CN	200910207760.9	ZL200910207760.9	
210850662	JP01	210850662JP01	Patent	JP	2008-292903	05171565	
210850663	JP01	210850663JP01	Patent	JP	2008-331867	05227781	
210850665	JP01	210850665JP01	Patent	JP	2008-327081	05244578	
210850666	JP01	210850666JP01	Patent	JP	2008-331860	05070194	
210850688	JP01	210850688JP01	Patent	JP	2009-005295	05222742	
210850699	JP01	210850699JP01	Patent	JP	2009-083962	05256095	
210850703	JP01	210850703JP01	Patent	JP	2008-313468	05324901	
210850711	US01	210850711US01	Patent	US	12/645824	8314894	
210850711	CN01	210850711CN01	Patent	CN	200910254051.6	ZL200910254051.6	
210850711	CN02	210850711CN02	Patent	CN	201210169423.7	ZL201210169423.7	
210850715	JP01	210850715JP01	Patent	JP	2009-036048	05202379	
210850723	JP01	210850723JP01	Patent	JP	2008-290640	05080427	
210850729	JP01	210850729JP01	Patent	JP	2008-275047	05097676	
210850730	JP01	210850730JP01	Patent	JP	2008-275048	05097677	
210850730	JP02	210850730JP02	Patent	JP	2012-203835	05548246	
210850731	US01	210850731US01	Patent	US	12/618998	8405486	
210850731	CN01	210850731CN01	Patent	CN	200910211709.5	ZL200910211709.5	
210850731	JP01	210850731JP01	Patent	JP	2008-319857	05238472	
210850739	US01	210850739US01	Patent	US	12/622802	8566890	
210850739	US02	210850739US02	Patent	US	14/057042	09154545	
210850739	CN01	210850739CN01	Patent	CN	200910207767.0	ZL200910207767.0	
210850739	JP01	210850739JP01	Patent	JP	2009-010498	05401103	
210850746	JP01	210850746JP01	Patent	JP	2009-041892	05596930	
210850747	JP01	210850747JP01	Patent	JP	2008-305847	05094690	
210850751	US01	210850751US01	Patent	US	12/631022	8341661	
210850751	US02	210850751US02	Patent	US	13/688754	9258602	
210850751	CN01	210850751CN01	Patent	CN	200910251394.7	ZL200910251394.7	
210850751	CN02	210850751CN02	Patent	CN	201210297439.6	ZL201210297439.6	
210850751	DE01	210850751DE01	Patent	DE	602009038346.9	2200013	
210850751	FR01	210850751FR01	Patent	FR	09252739.9	2200013	
210850751	GB01	210850751GB01	Patent	GB	09252739.9	2200013	
210850751	JP01	210850751JP01	Patent	JP	2008-323878	05055254	
210850751	JP02	210850751JP02	Patent	JP	2012-130961	05250136	
210850758	US01	210850758US01	Patent	US	12/622226	8259238	
210850758	CN01	210850758CN01	Patent	CN	200910207768.5	ZL200910207768.5	
210850758	JP01	210850758JP01	Patent	JP	2009-042460	05161810	
210850759	JP01	210850759JP01	Patent	JP	2008-331864	05486800	
210850760	US01	210850760US01	Patent	US	12/606598	8484754	
210850760	US02	210850760US02	Patent	US	13/912594	8918909	
210850760	BR01	210850760BR01	Patent	BR	'10910293-0		
210850760	CN02	210850760CN02	Patent	CN	201210003648.5	ZL201210003648.5	
210850760	JP01	210850760JP01	Patent	JP	2008-331866	05530628	
210850762	JP01	210850762JP01	Patent	JP	2009-037553	05324959	
210850770	JP01	210850770JP01	Patent	JP	2009-154538	05320186	
210850773	US01	210850773US01	Patent	US	12/636951	8425049	
210850773	US02	210850773US02	Patent	US	13/860381	8690349	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210850773	US03	210850773US03	Patent	US	14/168606	09429832	
210850773	CN01	210850773CN01	Patent	CN	200910207766.6	ZL200910207766.6	
210850773	CN02	210850773CN02	Patent	CN	201210110618.4	ZL201210110618.4	
210850773	DE01	210850773DE01	Patent	DE	602009044108.6	02209024	
210850773	FR01	210850773FR01	Patent	FR	09252803.3	02209024	
210850773	GB01	210850773GB01	Patent	GB	09252803.3	02209024	
210850775	US01	210850775US01	Patent	US	12/770505	8471931	
210850775	CN01	210850775CN01	Patent	CN	201010170875.8	ZL201010170875.8	
210850775	JP01	210850775JP01	Patent	JP	2009-154539	05227906	
210950017	US01	210950017US01	Patent	US	12/684877	8115890	
210950017	US02	210950017US02	Patent	US	13/353520	8284351	
210950017	CN01	210950017CN01	Patent	CN	201010004304.7	ZL201010004304.7	
210950019	CN01	210950019CN01	Patent	CN	201010178203.1	ZL201010178203.1	
210950019	JP01	210950019JP01	Patent	JP	2009-120472	05299866	
210950035	US01	210950035US01	Patent	US	12/615413	8300154	
210950035	CN01	210950035CN01	Patent	CN	200910205426.X	ZL200910205426.X	
210950035	JP01	210950035JP01	Patent	JP	2009-048894	05683790	
210950052	US01	210950052US01	Patent	US	12/790286	8526667	
210950052	CN01	210950052CN01	Patent	CN	201010198566.1	ZL201010198566.1	
210950052	JP01	210950052JP01	Patent	JP	2009-166277	05337609	
210950053	US01	210950053US01	Patent	US	12/763857	8817174	
210950053	CN01	210950053CN01	Patent	CN	201010165914.5	ZL201010165914.5	
210950053	JP01	210950053JP01	Patent	JP	2009-121532	05066133	
210950056	CN01	210950056CN01	Patent	CN	201010170916.3	ZL201010170916.3	
210950056	JP01	210950056JP01	Patent	JP	2009-154540	05250491	
210950064	JP01	210950064JP01	Patent	JP	2009-040710	05405853	
210950072	US01	210950072US01	Patent	US	12/684875	8111354	
210950072	US02	210950072US02	Patent	US	13/341551	8325292	
210950072	CN01	210950072CN01	Patent	CN	201010003896.0	ZL201010003896.0	
210950072	JP01	210950072JP01	Patent	JP	2009-038094	05520497	
210950074	JP01	210950074JP01	Patent	JP	2009-114040	05394816	
210950079	JP01	210950079JP01	Patent	JP	2009-050854	05227849	
210950087	JP01	210950087JP01	Patent	JP	2009-045053	05111412	
210950101	US01	210950101US01	Patent	US	12/781239	9047829	
210950101	CN01	210950101CN01	Patent	CN	201010185409.7	ZL201010185409.7	
210950101	JP01	210950101JP01	Patent	JP	2009-120969	05227884	
210950103	JP01	210950103JP01	Patent	JP	2009-100848	05583358	
210950109	JP01	210950109JP01	Patent	JP	2009-149784	05426939	
210950143	US01	210950143US01	Patent	US	12/766955	8514335	
210950143	CN01	210950143CN01	Patent	CN	201010170447.5	ZL201010170447.5	
210950143	JP01	210950143JP01	Patent	JP	2009-120470	05268777	
210950182	JP01	210950182JP01	Patent	JP	2009-129805	05320168	
210950185	CN01	210950185CN01	Patent	CN	201010194854.X	ZL201010194854.X	
210950185	JP01	210950185JP01	Patent	JP	2009-172670	05216710	
210950188	JP01	210950188JP01	Patent	JP	2009-089678	05325638	
210950195	JP02	210950195JP02	Patent	JP	2011-531838	05363581	
210950195	JP03	210950195JP03	Patent	JP	2013-183776	05611432	
210950195	JP04	210950195JP04	Patent	JP	2014-158494	05882416	
210950195	JP05	210950195JP05	Patent	JP	2016-019157	06088080	
210950195	JP06	210950195JP06	Patent	JP	2017-019023		
210950196	US01	210950196US01	Patent	US	12/760596	9164578	
210950196	US02	210950196US02	Patent	US	14/869111	09411424	
210950196	US03	210950196US03	Patent	US	15/203919		
210950196	CN02	210950196CN02	Patent	CN	201510486457.2		
210950196	EP01	210950196EP01	Patent	EP	10250809.0		
210950196	JP01	210950196JP01	Patent	JP	2009-104641	05256109	
210950196	KR01	210950196KR01	Patent	KR	10-2010-0037248	10-1148484	
210950199	US01	210950199US01	Patent	US	12/781001	8465157	
210950199	CN01	210950199CN01	Patent	CN	201010182898.0	ZL201010182898.0	
210950221	JP01	210950221JP01	Patent	JP	2009-182043	05596313	
210950222	US01	210950222US01	Patent	US	12/781042	8024232	
210950226	JP01	210950226JP01	Patent	JP	2009-211249	05193976	
210950236	US01	210950236US01	Patent	US	12/785810	8942475	
210950236	CN01	210950236CN01	Patent	CN	201010195122.2	ZL201010195122.2	
210950236	JP01	210950236JP01	Patent	JP	2009-154542	05299867	
210950255	JP01	210950255JP01	Patent	JP	2009-099524	05205329	
210950260	US01	210950260US01	Patent	US	12/782082	8421955	
210950260	CN02	210950260CN02	Patent	CN	201410564433.X		
210950260	JP01	210950260JP01	Patent	JP	2009-124149	05363874	
210950264	US01	210950264US01	Patent	US	12/765227	8370539	
210950264	CN01	210950264CN01	Patent	CN	201010167330.1	ZL201010167330.1	
210950264	EP01	210950264EP01	Patent	EP	10250808.2		
210950264	JP01	210950264JP01	Patent	JP	2009-104646	05645370	
210950265	US01	210950265US01	Patent	US	12/759027	8308301	
210950265	US02	210950265US02	Patent	US	13/672744	8529068	
210950265	US03	210950265US03	Patent	US	14/013493	8827459	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210950265	CN01	210950265CN01	Patent	CN	201010161579.1	ZL201010161579.1	
210950273	US01	210950273US01	Patent	US	12/777364	8585209	
210950273	US02	210950273US02	Patent	US	14/065669	09348210	
210950273	CN01	210950273CN01	Patent	CN	201010178235.1	ZL201010178235.1	
210950273	JP01	210950273JP01	Patent	JP	2009-115132	05358280	
210950273	JP02	210950273JP02	Patent	JP	2013-181754	05703436	
210950273	KR01	210950273KR01	Patent	KR	10-2010-0044661	10-1179316	
210950278	JP01	210950278JP01	Patent	JP	2009-117175	05372595	
210950278	JP03	210950278JP03	Patent	JP	2015-120815	06095730	
210950311	JP01	210950311JP01	Patent	JP	2009-137815	05439044	
210950311	JP02	210950311JP02	Patent	JP	2013-203001	05695150	
210950311	JP03	210950311JP03	Patent	JP	2015-020861	05947411	
210950311	JP04	210950311JP04	Patent	JP	2016-110529		
210950322	US01	210950322US01	Patent	US	12/779801	8589970	
210950322	CN01	210950322CN01	Patent	CN	201010180525.X	ZL201010180525.X	
210950322	DE01	210950322DE01	Patent	DE	602010043695.0	02252030	
210950322	FR01	210950322FR01	Patent	FR	10250917.1	02252030	
210950322	GB01	210950322GB01	Patent	GB	10250917.1	02252030	
210950322	JP01	210950322JP01	Patent	JP	2009-150460	05171741	
210950323	JP01	210950323JP01	Patent	JP	2009-174306	05386258	
210950326	US01	210950326US01	Patent	US	12/783329		
210950326	CN01	210950326CN01	Patent	CN	201010189637.1	ZL201010189637.1	
210950326	DE01	210950326DE01	Patent	DE	10250956.9		Entering into designated country
210950326	EP01	210950326EP01	Patent	EP	10250956.9		
210950326	GB01	210950326GB01	Patent	GB	10250956.9		Entering into designated country
210950326	JP01	210950326JP01	Patent	JP	2009-158361	05506260	
210950331	US01	210950331US01	Patent	US	12/814323	8511834	
210950331	CN01	210950331CN01	Patent	CN	201010205352.2	ZL201010205352.2	
210950331	JP01	210950331JP01	Patent	JP	2009-197586	05378112	
210950334	CN01	210950334CN01	Patent	CN	201010173683.2	ZL201010173683.2	
210950334	JP01	210950334JP01	Patent	JP	2009-214008	05268844	
210950336	US01	210950336US01	Patent	US	12/784118	8732769	
210950336	CN01	210950336CN01	Patent	CN	201010189737.4	ZL201010189737.4	
210950336	JP01	210950336JP01	Patent	JP	2009-158362	05422276	
210950369	JP01	210950369JP01	Patent	JP	2009-263474	05580575	
210950395	US01	210950395US01	Patent	US	12/796739	8334783	
210950395	CN01	210950395CN01	Patent	CN	201010200209.4	ZL201010200209.4	
210950395	JP01	210950395JP01	Patent	JP	2009-196768	05380207	
210950400	JP01	210950400JP01	Patent	JP	2009-207689	05292237	
210950407	US01	210950407US01	Patent	US	12/793500	8585216	
210950407	CN01	210950407CN01	Patent	CN	201010198559.1	ZL201010198559.1	
210950407	JP01	210950407JP01	Patent	JP	2009-222617	05363933	
210950412	JP01	210950412JP01	Patent	JP	2009-197587	05508788	
210950430	JP01	210950430JP01	Patent	JP	2010-012743	05567354	
210950477	US01	210950477US01	Patent	US	12/776081	8337021	
210950477	CN01	210950477CN01	Patent	CN	201010193945.1	ZL201010193945.1	
210950477	CN02	210950477CN02	Patent	CN	201510463017.5		
210950477	EP01	210950477EP01	Patent	EP	10250874.4		
210950483	US01	210950483US01	Patent	US	12/889471	09400560	
210950483	JP01	210950483JP01	Patent	JP	2009-231707	05412227	
210950490	JP01	210950490JP01	Patent	JP	2010-019872	05439210	
210950499	JP01	210950499JP01	Patent	JP	2009-281119	05250538	
210950501	JP01	210950501JP01	Patent	JP	2009-225856	05596325	
210950550	US01	210950550US01	Patent	US	12/778765	8984556	
210950550	CN01	210950550CN01	Patent	CN	201010198663.0	ZL201010198663.0	
210950550	EP01	210950550EP01	Patent	EP	10250873.6		
210950550	JP01	210950550JP01	Patent	JP	2009-225867	05433862	
210950550	JP02	210950550JP02	Patent	JP	2013-237517	05671120	
210950589	US01	210950589US01	Patent	US	12/955454	09497493	
210950589	CN01	210950589CN01	Patent	CN	201010573227.7	ZL201010573227.7	
210950589	CZ01	210950589CZ01	Patent	CZ	10014988.9	2373037	
210950589	DE01	210950589DE01	Patent	DE	602010025665.0	2373037	
210950589	FR01	210950589FR01	Patent	FR	10014988.9	2373037	
210950589	GB01	210950589GB01	Patent	GB	10014988.9	2373037	
210950589	JP01	210950589JP01	Patent	JP	2010-080102	05553663	
210950589	NL01	210950589NL01	Patent	NL	10014988.9	2373037	
210950590	US01	210950590US01	Patent	US	12/912896	8760512	
210950590	CN01	210950590CN01	Patent	CN	201010530539.X	ZL201010530539.X	
210950590	EP01	210950590EP01	Patent	EP	10189488.9		
210950590	JP01	210950590JP01	Patent	JP	2009-251597	05478197	
210950603	JP01	210950603JP01	Patent	JP	2010-086659	05481258	
210950619	US01	210950619US01	Patent	US	12/952875	8600177	
210950619	CN01	210950619CN01	Patent	CN	201010573171.5		
210950619	JP01	210950619JP01	Patent	JP	2010-080105	05481251	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
210950623	US01	210950623US01	Patent	US	12/895236	8350986	
210950623	CN01	210950623CN01	Patent	CN	201010500151.5	ZL201010500151.5	
210950623	JP01	210950623JP01	Patent	JP	2009-230163	05401247	
210950624	JP01	210950624JP01	Patent	JP	2009-230164	05492519	
210950625	US01	210950625US01	Patent	US	12/912555	9122145	
210950625	CN01	210950625CN01	Patent	CN	201010530557.8	ZL201010530557.8	
210950625	JP01	210950625JP01	Patent	JP	2010-080103	05452318	
210950638	JP01	210950638JP01	Patent	JP	2009-249667	05135316	
210950658	US01	210950658US01	Patent	US	12/912876	9098195	
210950658	US02	210950658US02	Patent	US	14/790685		
210950658	CN01	210950658CN01	Patent	CN	201010530520.5	ZL201010530520.5	
210950658	CN02	210950658CN02	Patent	CN	201610035167.0		
210950658	EP01	210950658EP01	Patent	EP	10014087.0		
210950658	JP01	210950658JP01	Patent	JP	2009-248977	05442393	
210950658	JP02	210950658JP02	Patent	JP	2013-260925	05755716	
210950667	US01	210950667US01	Patent	US	13/503779	8750683	
210950667	US02	210950667US02	Patent	US	14/283748	09424875	
210950667	CN01	210950667CN01	Patent	CN	201080048240.9	ZL201080048240.9	
210950667	EP01	210950667EP01	Patent	EP	10826424.3		
210950667	JP02	210950667JP02	Patent	JP	2011-538295	05357263	
210950685	US01	210950685US01	Patent	US	12/915771	8405960	
210950685	CN01	210950685CN01	Patent	CN	201010533831.7	ZL201010533831.7	
210950685	JP01	210950685JP01	Patent	JP	2009-280481	05250537	
210950693	US01	210950693US01	Patent	US	12/912842	8417850	
210950693	CN01	210950693CN01	Patent	CN	201010526610.7	ZL201010526610.7	
210950693	IN01	210950693IN01	Patent	IN	2558/EL/2010		
210950693	JP01	210950693JP01	Patent	JP	2010-010024	05466519	
210950703	US01	210950703US01	Patent	US	12/908507	8716741	
210950703	CN01	210950703CN01	Patent	CN	201010530500.8	ZL201010530500.8	
210950703	DE01	210950703DE01	Patent	DE	602010004026.7	2372793	
210950703	FR01	210950703FR01	Patent	FR	10014139.9	2372793	
210950703	GB01	210950703GB01	Patent	GB	10014139.9	2372793	
210950724	JP01	210950724JP01	Patent	JP	2010-009964	05427048	
210950724	JP02	210950724JP02	Patent	JP	2013-176404	05685693	
210950740	JP01	210950740JP01	Patent	JP	2010-123720	05393593	
211050010	JP01	211050010JP01	Patent	JP	2010-010572	05401338	
211050014	JP01	211050014JP01	Patent	JP	2010-037263	05476155	
211050017	US01	211050017US01	Patent	US	12/909588	8662678	
211050017	US02	211050017US02	Patent	US	14/167707		
211050017	CN01	211050017CN01	Patent	CN	201010525405.9	ZL201010525405.9	
211050017	EP01	211050017EP01	Patent	EP	10189108.3		
211050017	IN01	211050017IN01	Patent	IN	2547/EL/2010		
211050017	JP01	211050017JP01	Patent	JP	2010-028771	05671666	
211050018	US01	211050018US01	Patent	US	12/898763	8462296	
211050018	US02	211050018US02	Patent	US	13/891267	8593580	
211050018	CN01	211050018CN01	Patent	CN	201010525414.8	ZL201010525414.8	
211050018	CN02	211050018CN02	Patent	CN	201210377776.6	ZL201210377776.6	
211050018	DE01	211050018DE01	Patent	DE	602010002450.4	2355524	
211050018	FR01	211050018FR01	Patent	FR	10187407.1	2355524	
211050018	GB01	211050018GB01	Patent	GB	10187407.1	2355524	
211050018	IN01	211050018IN01	Patent	IN	2413/EL/2010		
211050018	JP01	211050018JP01	Patent	JP	2010-023911	05491888	
211050018	NL01	211050018NL01	Patent	NL	10187407.1	2355524	
211050023	US01	211050023US01	Patent	US	12/910977	8678595	
211050023	US02	211050023US02	Patent	US	14/176209	9069237	
211050023	CN01	211050023CN01	Patent	CN	201010525412.9	ZL201010525412.9	
211050023	JP01	211050023JP01	Patent	JP	2010-017623	05492582	
211050024	US01	211050024US01	Patent	US	12/909525	8500285	
211050024	US02	211050024US02	Patent	US	13/933720	8657449	
211050024	CN01	211050024CN01	Patent	CN	201010525079.1	ZL201010525079.1	
211050024	CN02	211050024CN02	Patent	CN	201310272159.4	ZL201310272159.4	
211050024	JP01	211050024JP01	Patent	JP	2010-017633	05567844	
211050024	JP02	211050024JP02	Patent	JP	2014-126859	05872639	
211050026	US01	211050026US01	Patent	US	12/912812	8643697	
211050026	CN01	211050026CN01	Patent	CN	201010530524.3	ZL201010530524.3	
211050026	JP01	211050026JP01	Patent	JP	2010-017624	05492583	
211050027	JP01	211050027JP01	Patent	JP	2010-011583	05656412	
211050048	JP01	211050048JP01	Patent	JP	2010-102832	05588729	
211050081	US01	211050081US01	Patent	US	12/912803	8499934	
211050081	CN01	211050081CN01	Patent	CN	201010533872.6	ZL201010533872.6	
211050081	DE01	211050081DE01	Patent	DE	602010009358.1	2361838	
211050081	FR01	211050081FR01	Patent	FR	10189502.7	2361838	
211050081	GB01	211050081GB01	Patent	GB	10189502.7	2361838	
211050081	JP01	211050081JP01	Patent	JP	2010-041284	05550381	
211050111	US01	211050111US01	Patent	US	12/915875	8988496	
211050111	US02	211050111US02	Patent	US	14/643725	09509985	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211050111	CN01	211050111CN01	Patent	CN	201010528442.5	ZL201010528442.5	
211050111	CN02	211050111CN02	Patent	CN	201410424578.X	ZL201410424578.X	
211050116	US01	211050116US01	Patent	US	12/912866	8363179	
211050116	CN01	211050116CN01	Patent	CN	201010533892.3	ZL201010533892.3	
211050116	JP01	211050116JP01	Patent	JP	2010-072658	05530778	
211050116	TW01	211050116TW01	Patent	TW	099128262	I410717	
211050142	US01	211050142US01	Patent	US	12/914915	8687148	
211050142	CN01	211050142CN01	Patent	CN	201010533896.1	ZL201010533896.1	
211050142	EP01	211050142EP01	Patent	EP	10014086.2		
211050142	JP01	211050142JP01	Patent	JP	2010-064321	05506483	
211050142	TW01	211050142TW01	Patent	TW	099127433	I422924	
211050151	JP01	211050151JP01	Patent	JP	2010-198458	05378331	
211050152	CN01	211050152CN01	Patent	CN	201010530065.9	ZL201010530065.9	
211050152	IN01	211050152IN01	Patent	IN	2580/EL/2010		
211050152	JP01	211050152JP01	Patent	JP	2010-050036	05702069	
211050158	JP01	211050158JP01	Patent	JP	2010-180966	05685685	
211050161	JP01	211050161JP01	Patent	JP	2010-190257	05841715	
211050170	JP01	211050170JP01	Patent	JP	2010-109784	05309079	
211050188	JP01	211050188JP01	Patent	JP	2010-153810	05592719	
211050189	US01	211050189US01	Patent	US	13/072994	8631509	
211050189	CN01	211050189CN01	Patent	CN	201110081921.1	ZL201110081921.1	
211050189	JP01	211050189JP01	Patent	JP	2010-085635	05571998	
211050192	JP01	211050192JP01	Patent	JP	2012-536024	05592953	
211050204	JP01	211050204JP01	Patent	JP	2010-111645	05595787	
211050243	JP01	211050243JP01	Patent	JP	2010-214670	05506623	
211050245	JP01	211050245JP01	Patent	JP	2010-107856	05478353	
211050271	US01	211050271US01	Patent	US	13/247445	8757816	
211050271	CN01	211050271CN01	Patent	CN	201110306176.6	ZL201110306176.6	
211050271	JP01	211050271JP01	Patent	JP	2010-224470	05501187	
211050279	JP01	211050279JP01	Patent	JP	2010-151545	05588244	
211050280	JP01	211050280JP01	Patent	JP	2010-203039	05583531	
211050282	JP01	211050282JP01	Patent	JP	2010-152589	05592716	
211050285	JP01	211050285JP01	Patent	JP	2010-202929	05341846	
211050285	JP02	211050285JP02	Patent	JP	2013-164757	05640122	
211050287	US01	211050287US01	Patent	US	13/079076	8823633	
211050287	CN01	211050287CN01	Patent	CN	201110092547.5	ZL201110092547.5	
211050287	JP01	211050287JP01	Patent	JP	2010-090028	05460435	
211050287	JP02	211050287JP02	Patent	JP	2011-234584	05111652	
211050302	US01	211050302US01	Patent	US	13/083509	8514349	
211050302	CN01	211050302CN01	Patent	CN	201110085810.8	ZL201110085810.8	
211050302	DE01	211050302DE01	Patent	DE	602011004089.8	2378325	
211050302	FR01	211050302FR01	Patent	FR	11161751.0	2378325	
211050302	GB01	211050302GB01	Patent	GB	11161751.0	2378325	
211050302	JP01	211050302JP01	Patent	JP	2010-090029	05422473	
211050302	KR01	211050302KR01	Patent	KR	10-2011-0032925	10-1346880	
211050302	TW01	211050302TW01	Patent	TW	100105634	I457658	
211050308	JP01	211050308JP01	Patent	JP	2010-160201	05534989	
211050328	JP01	211050328JP01	Patent	JP	2010-213019	05698945	
211050336	JP01	211050336JP01	Patent	JP	2010-111647	05563368	
211050341	US01	211050341US01	Patent	US	13/089519	9118896	
211050341	US02	211050341US02	Patent	US	14/804668	09420272	
211050341	US03	211050341US03	Patent	US	15/142037	09749675	
211050341	US04	211050341US04	Patent	US	15/660375		
211050341	CN01	211050341CN01	Patent	CN	201110105684.8		
211050341	JP01	211050341JP01	Patent	JP	2010-097499	05501081	
211050341	JP02	211050341JP02	Patent	JP	2014-045845	05829709	
211050341	JP03	211050341JP03	Patent	JP	2015-059742	06055504	
211050341	JP04	211050341JP04	Patent	JP	2016-134743	06159450	
211050341	JP05	211050341JP05	Patent	JP	2017-114125		
211050344	US01	211050344US01	Patent	US	13/642582	09178930	
211050344	CN01	211050344CN01	Patent	CN	201080066376.2	ZL201080066376.2	
211050344	EP01	211050344EP01	Patent	EP	10850274.1		
211050344	JP02	211050344JP02	Patent	JP	2012-511511	05659226	
211050346	US01	211050346US01	Patent	US	13/088207	8896638	
211050346	CN01	211050346CN01	Patent	CN	201110103246.8	ZL201110103246.8	
211050346	JP01	211050346JP01	Patent	JP	2010-103355	05337757	
211050346	JP02	211050346JP02	Patent	JP	2011-253437	05002725	
211050347	JP01	211050347JP01	Patent	JP	2010-106875	05527815	
211050347	JP02	211050347JP02	Patent	JP	2014-080447	05865939	
211050347	JP03	211050347JP03	Patent	JP	2015-252357	06064026	
211050350	US01	211050350US01	Patent	US	13/091670	8807761	
211050350	US02	211050350US02	Patent	US	14/460942	09348202	
211050350	CN01	211050350CN01	Patent	CN	201110111879.3	ZL201110111879.3	
211050350	CN02	211050350CN02	Patent	CN	201410123247.2	ZL201410123247.2	
211050350	JP01	211050350JP01	Patent	JP	2010-128800	05433502	
211050353	US01	211050353US01	Patent	US	13/093667	8736543	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211050353	CN01	211050353CN01	Patent	CN	201110109090.4	ZL201110109090.4	
211050353	DE01	211050353DE01	Patent	DE	602011006692.7	2390871	
211050353	FR01	211050353FR01	Patent	FR	11163503.3	2390871	
211050353	GB01	211050353GB01	Patent	GB	11163503.3	2390871	
211050353	JP01	211050353JP01	Patent	JP	2010-122957	05661336	
211050360	US01	211050360US01	Patent	US	13/088016	8827458	
211050360	CN01	211050360CN01	Patent	CN	201110105237.2	ZL201110105237.2	
211050360	CN02	211050360CN02	Patent	CN	201510279312.5	ZL201510279312.5	
211050360	JP01	211050360JP01	Patent	JP	2010-163478	05427719	
211050360	JP02	211050360JP02	Patent	JP	2013-248831	05786012	
211050365	JP01	211050365JP01	Patent	JP	2010-226147	05698490	
211050366	JP01	211050366JP01	Patent	JP	2010-113821	05378298	
211050367	JP01	211050367JP01	Patent	JP	2010-211552	05688258	
211050373	JP01	211050373JP01	Patent	JP	2010-129096	05427114	
211050379	US01	211050379US01	Patent	US	13/091501	8384995	
211050379	CN01	211050379CN01	Patent	CN	201110105204.8	ZL201110105204.8	
211050379	DE01	211050379DE01	Patent	DE	602011001968.6	2392967	
211050379	FR01	211050379FR01	Patent	FR	11003253.9	2392967	
211050379	GB01	211050379GB01	Patent	GB	11003253.9	2392967	
211050379	NL01	211050379NL01	Patent	NL	11003253.9	2392967	
211050382	US01	211050382US01	Patent	US	13/083669	8616711	
211050382	CN01	211050382CN01	Patent	CN	201110105176.X	ZL201110105176.X	
211050384	JP02	211050384JP02	Patent	JP	2014-238643	05947866	
211050384	JP03	211050384JP03	Patent	JP	2015-065400	05947942	
211050384	JP04	211050384JP04	Patent	JP	2015-065401	05952453	
211050384	JP05	211050384JP05	Patent	JP	2016-115126	06117410	
211050384	JP06	211050384JP06	Patent	JP	2017-056329		
211050385	JP01	211050385JP01	Patent	JP	2010-122212	05559605	
211050385	JP02	211050385JP02	Patent	JP	2014-117208	05903461	
211050385	JP03	211050385JP03	Patent	JP	2015-065403	05952454	
211050385	JP04	211050385JP04	Patent	JP	2016-115127	06117976	
211050385	JP05	211050385JP05	Patent	JP	2017-057586		
211050387	US01	211050387US01	Patent	US	13/091105	8596848	
211050387	KR01	211050387KR01	Patent	KR	10-2011-0037529	10-1325289	
211050387	TW02	211050387TW02	Patent	TW	100112958	1452391	
211050388	US01	211050388US01	Patent	US	13/699775		
211050388	US02	211050388US02	Patent	US	15/335570		
211050388	CN01	211050388CN01	Patent	CN	201180025919.0		
211050388	EP01	211050388EP01	Patent	EP	11789374.3		
211050388	JP01	211050388JP01	Patent	JP	2010-126444	05156795	
211050388	JP02	211050388JP02	Patent	JP	2012-223803	05588489	
211050388	JP03	211050388JP03	Patent	JP	2014-151533	06185891	
211050388	JP04	211050388JP04	Patent	JP	2016-047793		
211050403	JP01	211050403JP01	Patent	JP	2010-152590	05698928	
211050406	JP01	211050406JP01	Patent	JP	2010-163481	05612943	
211050410	JP01	211050410JP01	Patent	JP	2010-134652	05050079	
211050410	JP02	211050410JP02	Patent	JP	2012-161134	05393849	
211050410	JP03	211050410JP03	Patent	JP	2013-213304	05481597	
211050411	JP01	211050411JP01	Patent	JP	2010-134649	05559614	
211050411	JP02	211050411JP02	Patent	JP	2014-117205	05849126	
211050411	JP03	211050411JP03	Patent	JP	2015-055605	05952451	
211050413	JP01	211050413JP01	Patent	JP	2010-134650	05710895	
211050413	JP02	211050413JP02	Patent	JP	2015-043342	05961717	
211050413	JP03	211050413JP03	Patent	JP	2015-043343	05965505	
211050413	JP04	211050413JP04	Patent	JP	2016-131202		
211050424	JP01	211050424JP01	Patent	JP	2010-235064	05439334	
211050476	JP01	211050476JP01	Patent	JP	2010-169978	05795844	
211050478	JP01	211050478JP01	Patent	JP	2010-183589	05498317	
211050481	US01	211050481US01	Patent	US	13/158975	8965176	
211050481	CN01	211050481CN01	Patent	CN	201110148841.3	ZL201110148841.3	
211050481	JP01	211050481JP01	Patent	JP	2010-176921	05568404	
211050492	JP01	211050492JP01	Patent	JP	2010-191637	05608475	
211050497	JP02	211050497JP02	Patent	JP	2014-011959	05684415	
211050500	US01	211050500US01	Patent	US	13/164105		
211050500	CN01	211050500CN01	Patent	CN	201110165265.3	ZL201110165265.3	
211050500	JP01	211050500JP01	Patent	JP	2010-176923	05527727	
211050503	JP01	211050503JP01	Patent	JP	2010-184545	05602539	
211050503	JP02	211050503JP02	Patent	JP	2014-167401	05980858	
211050503	JP03	211050503JP03	Patent	JP	2015-057502	05933062	
211050503	JP04	211050503JP04	Patent	JP	2015-057508	05933063	
211050503	JP05	211050503JP05	Patent	JP	2016-147206		
211050521	US01	211050521US01	Patent	US	13/163060	8493511	
211050521	CN01	211050521CN01	Patent	CN	201110157131.7	ZL201110157131.7	
211050521	JP01	211050521JP01	Patent	JP	2010-198460	05460530	
211050522	JP01	211050522JP01	Patent	JP	2011-010367	05596574	
211050537	US02	211050537US02	Patent	US	14/642290		



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211050537	CN01	211050537CN01	Patent	CN	201110303721.6	ZL201110303721.6	
211050537	CN02	211050537CN02	Patent	CN	201510603078.7		
211050537	JP01	211050537JP01	Patent	JP	2010-223384	05543892	
211050563	US01	211050563US01	Patent	US	13/161808	8532291	
211050563	CN01	211050563CN01	Patent	CN	201110168926.8	ZL201110168926.8	
211050568	US01	211050568US01	Patent	US	13/161727	9094712	
211050568	JP01	211050568JP01	Patent	JP	2010-206236	05688255	
211050575	US01	211050575US01	Patent	US	13/307058	9086726	
211050575	US02	211050575US02	Patent	US	14/755776	09746931	
211050575	CN01	211050575CN01	Patent	CN	201110386052.3	ZL201110386052.3	
211050575	CN02	211050575CN02	Patent	CN	201510783622.0		
211050575	JP01	211050575JP01	Patent	JP	2010-289122	05653206	
211050608	JP01	211050608JP01	Patent	JP	2010-223381	05470214	
211050610	US01	211050610US01	Patent	US	13/818052	09217915	
211050610	CN01	211050610CN01	Patent	CN	201080068749.X	ZL201080068749.X	
211050610	JP01	211050610JP01	Patent	JP	2012-536088	05535330	
211050611	US01	211050611US01	Patent	US	13/819988	09122139	
211050611	CN01	211050611CN01	Patent	CN	201080068917.5	ZL201080068917.5	
211050611	JP01	211050611JP01	Patent	JP	2012-536060	05535329	
211050613	US01	211050613US01	Patent	US	13/883769	9041868	
211050613	CN01	211050613CN01	Patent	CN	201280003636.0	ZL201280003636.0	
211050613	EP01	211050613EP01	Patent	EP	12749328.6		
211050624	JP01	211050624JP01	Patent	JP	2010-285285	05597124	
211050658	CN01	211050658CN01	Patent	CN	201110303692.3	ZL201110303692.3	
211050658	JP01	211050658JP01	Patent	JP	2010-223386	05730524	
211050660	US01	211050660US01	Patent	US	13/248458	8941724	
211050675	JP01	211050675JP01	Patent	JP	2010-235065	05550520	
211050680	US01	211050680US01	Patent	US	13/251431	8690345	
211050680	CN01	211050680CN01	Patent	CN	201110303709.5	ZL201110303709.5	
211050680	CN02	211050680CN02	Utility	CN	U201120381117.0	UZL201120381117.0	
211050680	EP01	211050680EP01	Patent	EP	11183729.0		
211050729	JP01	211050729JP01	Patent	JP	2010-256044	05539165	
211050730	JP01	211050730JP01	Patent	JP	2010-262439	05449113	
211050731	US01	211050731US01	Patent	US	13/366983	8654093	
211050731	US02	211050731US02	Patent	US	14/154993	8982086	
211050731	CN01	211050731CN01	Patent	CN	201210012756.9	ZL201210012756.9	
211050731	JP01	211050731JP01	Patent	JP	2011-025576	05651494	
211050734	US01	211050734US01	Patent	US	13/299398	8710951	
211050734	US02	211050734US02	Patent	US	14/186471	09438843	
211050734	US03	211050734US03	Patent	US	15/231317	09538115	
211050734	CN01	211050734CN01	Patent	CN	201110369212.3	ZL201110369212.3	
211050734	CN02	211050734CN02	Patent	CN	201410643381.5	ZL201410643381.5	
211050734	JP01	211050734JP01	Patent	JP	2010-271027	05439347	
211050734	JP02	211050734JP02	Patent	JP	2013-255582	05661905	
211050738	JP01	211050738JP01	Patent	JP	2010-278746	05463276	
211050740	JP01	211050740JP01	Patent	JP	2010-279159	05603221	
211050744	JP01	211050744JP01	Patent	JP	2011-066957	05533752	
211050752	US01	211050752US01	Patent	US	13/301832	8740441	
211050752	CN01	211050752CN01	Patent	CN	201110382007.0	ZL201110382007.0	
211050752	CN02	211050752CN02	Utility	CN	U201120476792.1	UZL201120476792.1	
211050752	EP01	211050752EP01	Patent	EP	11009238.4		
211050752	JP01	211050752JP01	Patent	JP	2010-269881	05533611	
211050767	JP01	211050767JP01	Patent	JP	2010-254376	05527730	
211050775	CN02	211050775CN02	Utility新案	CN	U201120452632.3	UZL201120452632.3	
211050781	JP01	211050781JP01	Patent	JP	2010-260762	05492748	
211050787	JP01	211050787JP01	Patent	JP	2010-263077	05455876	
211050797	JP01	211050797JP01	Patent	JP	2011-113017	05544328	
211050803	JP01	211050803JP01	Patent	JP	2011-114309	05758699	
211050817	JP01	211050817JP01	Patent	JP	2010-281142	05675320	
211050826	US01	211050826US01	Patent	US	13/309188	09519204	
211050826	CN01	211050826CN01	Patent	CN	201110399071.X	ZL201110399071.X	
211050826	CN02	211050826CN02	Utility	CN	U201120500371.8	UZL201120500371.8	
211050826	EP01	211050826EP01	Patent	EP	11190620.2		
211050826	IN01	211050826IN01	Patent	IN	3411/EL/2011	286347	
211050826	JP01	211050826JP01	Patent	JP	2010-291525	05675333	
211050827	JP01	211050827JP01	Patent	JP	2010-291526	05433561	
211050851	US01	211050851US01	Patent	US	13/417716	9154003	
211050851	US02	211050851US02	Patent	US	14/874086		
211050851	CN01	211050851CN01	Patent	CN	201210064098.8	ZL201210064098.8	
211050851	CN02	211050851CN02	Patent	CN	201410497798.5	ZL201410497798.5	
211050851	CN03	211050851CN03	Patent	CN	201510724610.0		
211050851	JP01	211050851JP01	Patent	JP	2011-057375	05677875	
211050851	JP02	211050851JP02	Patent	JP	2014-217571	05908562	
211050851	JP03	211050851JP03	Patent	JP	2016-058302	06139732	
211050860	JP01	211050860JP01	Patent	JP	2011-011512	05801561	
211050860	JP02	211050860JP02	Patent	JP	2015-168201	06069442	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211050860	JP03	211050860JP03	Patent	JP	2016-251369		
211100015	CN01	211100015CN01	Patent	CN	201110391379.X	ZL201110391379.X	
211150007	US01	211150007US01	Patent	US	13/298322	8827492	
211150007	CN01	211150007CN01	Patent	CN	201110375053.8	ZL201110375053.8	
211150007	CN02	211150007CN02	Utility	CN	U201120468549.5	UZL201120468549.5	
211150007	DE01	211150007DE01	Patent	DE	602011006507.6	2463706	
211150007	FR01	211150007FR01	Patent	FR	11189777.3	2463706	
211150007	GB01	211150007GB01	Patent	GB	11189777.3	2463706	
211150007	JP01	211150007JP01	Patent	JP	2011-005400	05667888	
211150007	TW01	211150007TW01	Patent	TW	100142546	I465809	
211150011	JP01	211150011JP01	Patent	JP	2012-556701	05651715	
211150012	US01	211150012US01	Patent	US	13/883773	09185371	
211150012	CN01	211150012CN01	Patent	CN	201180054255.0	ZL201180054255.0	
211150012	JP01	211150012JP01	Patent	JP	2012-556702	05735549	
211150015	JP01	211150015JP01	Patent	JP	2012-556700	05657707	
211150022	US02	211150022US02	Patent	US	14/023319	9094668	
211150022	CN02	211150022CN02	Patent	CN	201610115009.6		
211150022	JP01	211150022JP01	Patent	JP	2011-022253	05595946	
211150025	JP01	211150025JP01	Patent	JP	2011-159757	05700825	
211150058	JP01	211150058JP01	Patent	JP	2011-146951	05808965	
211150078	US01	211150078US01	Patent	US	13/316757	8732785	
211150078	US02	211150078US02	Patent	US	14/264295	09270922	
211150078	CN01	211150078CN01	Patent	CN	201110412939.5	ZL201110412939.5	
211150078	JP01	211150078JP01	Patent	JP	2011-050971	05611866	
211150078	JP02	211150078JP02	Patent	JP	2014-179243	05801458	
211150118	CN01	211150118CN01	Patent	CN	201280003633.7	ZL201280003633.7	
211150118	JP01	211150118JP01	Patent	JP	2011-050975	05697494	
211150118	JP02	211150118JP02	Patent	JP	2013-503342	05697743	
211150162	JP01	211150162JP01	Patent	JP	2011-184263	05808197	
211150164	US01	211150164US01	Patent	US	14/009566	9225963	
211150164	CN01	211150164CN01	Patent	CN	201280016870.7	ZL201280016870.7	
211150164	JP01	211150164JP01	Patent	JP	2011-082397	05452537	
211150189	CN02	211150189CN02	Utility新案	CN	U201220118006.5	UZL201220118006.5	
211150223	JP01	211150223JP01	Patent	JP	2011-164104	05743782	
211150238	JP01	211150238JP01	Patent	JP	2011-193115	05743815	
211150255	JP01	211150255JP01	Patent	JP	2011-140085	05735360	
211150257	US02	211150257US02	Patent	US	14/588565		
211150257	US03	211150257US03	Patent	US	15/686348		
211150257	CN01	211150257CN01	Patent	CN	201210280039.4	ZL201210280039.4	
211150257	JP01	211150257JP01	Patent	JP	2011-181387	05921835	
211150303	JP01	211150303JP01	Patent	JP	2011-107838	05470324	
211150306	JP01	211150306JP01	Patent	JP	2011-180356	05685689	
211150310	JP01	211150310JP01	Patent	JP	2011-103964	05944112	
211150310	JP02	211150310JP02	Patent	JP	2016-104308	06181812	
211150310	JP03	211150310JP03	Patent	JP	2017-140749		
211150316	US01	211150316US01	Patent	US	14/119043	8973081	
211150316	CN01	211150316CN01	Patent	CN	201280024583.0	ZL201280024583.0	
211150316	JP01	211150316JP01	Patent	JP	2011-113021	05695972	
211150323	US01	211150323US01	Patent	US	14/127982	9116349	
211150323	CN01	211150323CN01	Patent	CN	201180071380.2	ZL201180071380.2	
211150323	JP01	211150323JP01	Patent	JP	2013-521298	05859529	
211150323	KR01	211150323KR01	Patent	KR	10-2013-7031435	101548445	
211150324	JP01	211150324JP01	Patent	JP	2011-206721	05667952	
211150343	JP01	211150343JP01	Patent	JP	2011-261187	05694907	
211150344	JP01	211150344JP01	Patent	JP	2011-261188	05774456	
211150350	US02	211150350US02	Patent	US	15/202280		
211150350	CN01	211150350CN01	Patent	CN	201280031179.6		
211150350	JP01	211150350JP01	Patent	JP	2011-146952	05931362	
211150374	JP01	211150374JP01	Patent	JP	2011-166197	05711066	
211150374	JP02	211150374JP02	Patent	JP	2015-043520	06027160	
211150390	JP01	211150390JP01	Patent	JP	2011-247027	05591782	
211150403	US01	211150403US01	Patent	US	13/567762	8807819	
211150403	CN01	211150403CN01	Patent	CN	201210277321.7	ZL201210277321.7	
211150403	JP01	211150403JP01	Patent	JP	2011-184273	05751988	
211150404	US01	211150404US01	Patent	US	13/566673	8657477	
211150404	CN01	211150404CN01	Patent	CN	201210284400.0	ZL201210284400.0	
211150404	JP01	211150404JP01	Patent	JP	2011-184274	05774942	
211150405	US01	211150405US01	Patent	US	13/567662	8690407	
211150405	BR01	211150405BR01	Patent	BR	BR102012019555-0		
211150405	CN01	211150405CN01	Patent	CN	201210277464.8	ZL201210277464.8	
211150405	DE01	211150405DE01	Patent	DE	602012001014.2	2562590	
211150405	FR01	211150405FR01	Patent	FR	12179252.7	2562590	
211150405	GB01	211150405GB01	Patent	GB	12179252.7	2562590	
211150405	IN01	211150405IN01	Patent	IN	2455/EL/2012		
211150405	JP01	211150405JP01	Patent	JP	2011-184271	05859772	
211150412	JP01	211150412JP01	Patent	JP	2012-016087	05863481	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211150417	JP01	211150417JP01	Patent	JP	2011-166183	05739262	
211150479	US01	211150479US01	Patent	US	14/240799	09322530	
211150479	CN01	211150479CN01	Patent	CN	201280042419.2	ZL201280042419.2	
211150479	JP01	211150479JP01	Patent	JP	2013-536313	05774715	
211150486	US01	211150486US01	Patent	US	13/757104	09372387	
211150486	CN01	211150486CN01	Patent	CN	201310047458.8	ZL201310047458.8	
211150486	JP01	211150486JP01	Patent	JP	2012-024655	05832919	
211150505	JP01	211150505JP01	Patent	JP	2011-234582	05820235	
211150508	JP01	211150508JP01	Patent	JP	2011-234580	05646430	
211150516	US01	211150516US01	Patent	US	13/771798	09516363	
211150516	CN01	211150516CN01	Patent	CN	201310053194.7	ZL201310053194.7	
211150516	JP01	211150516JP01	Patent	JP	2012-038154	06006944	
211150540	JP01	211150540JP01	Patent	JP	2012-049917	06009180	
211150559	US01	211150559US01	Patent	US	14/353860	09544658	
211150559	CN01	211150559CN01	Patent	CN	201180074401.6	ZL201180074401.6	
211150559	JP01	211150559JP01	Patent	JP	2013-540502	05782524	
211150561	JP01	211150561JP01	Patent	JP	2011-240764	05706295	
211150564	JP01	211150564JP01	Patent	JP	2012-042748	05739365	
211150565	US01	211150565US01	Patent	US	14/373454	9154757	
211150565	CN01	211150565CN01	Patent	CN	201280067717.7	ZL201280067717.7	
211150565	JP01	211150565JP01	Patent	JP	2012-042749	05789542	
211150566	CN01	211150566CN01	Patent	CN	201280067757.1	ZL201280067757.1	
211150566	JP01	211150566JP01	Patent	JP	2013-556026	05733769	
211150591	CN01	211150591CN01	Patent	CN	201210252484.X	ZL201210252484.X	
211150591	JP01	211150591JP01	Patent	JP	2011-211878	05793039	
211150606	JP01	211150606JP01	Patent	JP	2011-208405	05715534	
211150622	CN01	211150622CN01	Patent	CN	201210254711.2	ZL201210254711.2	
211150625	JP01	211150625JP01	Patent	JP	2011-218855	06050933	
211150632	US01	211150632US01	Patent	US	14/350514	8891026	
211150632	CN01	211150632CN01	Patent	CN	201180074130.4	ZL201180074130.4	
211150632	JP01	211150632JP01	Patent	JP	2013-538401	05731007	
211150632	TW01	211150632TW01	Patent	TW	101133967	I456336	
211150633	JP01	211150633JP01	Patent	JP	2012-125592	05883725	
211150648	US01	211150648US01	Patent	US	14/351160	9148635	
211150648	CN01	211150648CN01	Patent	CN	201180074089.0	ZL201180074089.0	
211150648	JP01	211150648JP01	Patent	JP	2013-538402	05788521	
211150670	CN01	211150670CN01	Patent	CN	201180074705.2	ZL201180074705.2	
211150671	US01	211150671US01	Patent	US	14/356224	09459517	
211150671	CN01	211150671CN01	Patent	CN	201180074753.1	ZL201180074753.1	
211150671	JP01	211150671JP01	Patent	JP	2013-542692	05782526	
211150671	TW01	211150671TW01	Patent	TW	101139248	I464519	
211150672	US01	211150672US01	Patent	US	14/356451	09335618	
211150672	CN01	211150672CN01	Patent	CN	201180074713.7	ZL201180074713.7	
211150672	JP01	211150672JP01	Patent	JP	2013-542674	05798196	
211150675	US01	211150675US01	Patent	US	13/644645	9066058	
211150675	US02	211150675US02	Patent	US	14/719496	09369761	
211150675	CN01	211150675CN01	Patent	CN	201210377686.7	ZL201210377686.7	
211150675	CN02	211150675CN02	Patent	CN	201510760259.0		
211150675	DE01	211150675DE01	Patent	DE	12187028.1	02579587	
211150675	GB01	211150675GB01	Patent	GB	12187028.1	02579587	
211150684	US01	211150684US01	Patent	US	13/744016	9014668	
211150688	US01	211150688US01	Patent	US	14/359397	09678415	
211150688	CN01	211150688CN01	Patent	CN	201180074985.7	ZL201180074985.7	
211150688	JP01	211150688JP01	Patent	JP	2013-545678	05815044	
211150693	JP01	211150693JP01	Patent	JP	2012-072748	05846986	
211150723	JP01	211150723JP01	Patent	JP	2011-265385	05726056	
211150723	JP02	211150723JP02	Patent	JP	2015-070670	05960865	
211150723	JP03	211150723JP03	Patent	JP	2016-124041		
211150728	US01	211150728US01	Patent	US	13/871424	8658988	
211150740	JP01	211150740JP01	Patent	JP	2012-102033	05767602	
211150744	JP01	211150744JP01	Patent	JP	2011-270826	05774976	
211150760	JP01	211150760JP01	Patent	JP	2013-545657	05883026	
211150760	JP02	211150760JP02	Patent	JP	2016-019740	06166401	
211150765	US01	211150765US01	Patent	US	14/360312		
211150765	CN01	211150765CN01	Patent	CN	201180075041.1		
211150765	EP01	211150765EP01	Patent	EP	11876114.7		
211150765	JP01	211150765JP01	Patent	JP	2013-545658	05868997	
211150765	JP02	211150765JP02	Patent	JP	2016-000836		
211150765	JP03	211150765JP03	Patent	JP	2017-163343		
211150770	JP01	211150770JP01	Patent	JP	2013-548961	05878559	
211150781	US01	211150781US01	Patent	US	14/406139	9256060	
211150781	JP01	211150781JP01	Patent	JP	2012-143689	05774550	
211150782	US01	211150782US01	Patent	US	14/377245	09640144	
211150782	CN01	211150782CN01	Patent	CN	201280069430.8		
211150782	JP01	211150782JP01	Patent	JP	2013-558576	06161544	
211150788	EP01	211150788EP01	Patent	EP	12869138.3		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211150788	JP01	211150788JP01	Patent	JP	2014-500565	05859108	
211150788	JP02	211150788JP02	Patent	JP	2015-244108		
211150793	US01	211150793US01	Patent	US	14/363819	9253535	
211150793	CN01	211150793CN01	Patent	CN	201180075443.1	ZL201180075443.1	
211150793	CN02	211150793CN02	Patent	CN	201610864050.3		
211150793	JP01	211150793JP01	Patent	JP	2013-548960	05750515	
211150793	JP02	211150793JP02	Patent	JP	2015-101360	05959692	
211150801	JP01	211150801JP01	Patent	JP	2012-047525	05951288	
211150823	US01	211150823US01	Patent	US	14/368590	09661323	
211150823	CN01	211150823CN01	Patent	CN	201380004472.8		
211150823	JP02	211150823JP02	Patent	JP	2013-553316	05847199	
211150828	JP01	211150828JP01	Patent	JP	2014-522317	05944000	
211150832	US01	211150832US01	Patent	US	13/870428	09188458	
211150846	US01	211150846US01	Patent	US	14/404546		
211150846	CN01	211150846CN01	Patent	CN	201380028266.0	ZL201380028266.0	
211150846	JP01	211150846JP01	Patent	JP	2012-122640	05886688	
211200002	CN01	211200002CN01	Patent	CN	201210133123.3		
211200008	CN01	211200008CN01	Patent	CN	201210180335.7	ZL201210180335.7	
211250001	JP01	211250001JP01	Patent	JP	2012-068594	06054047	
211250005	US01	211250005US01	Patent	US	14/406897	09652824	
211250005	US02	211250005US02	Patent	US	15/497298		
211250005	CN01	211250005CN01	Patent	CN	201280073862.6		
211250005	CN02	211250005CN02	Patent	CN	201710594886.0		
211250005	JP01	211250005JP01	Patent	JP	2014-522316	06014137	
211250013	CN01	211250013CN01	Patent	CN	201280068173.6	ZL201280068173.6	
211250013	JP01	211250013JP01	Patent	JP	2013-556025	05807072	
211250029	US01	211250029US01	Patent	US	14/407742		
211250029	JP01	211250029JP01	Patent	JP	2012-135312	05856015	
211250029	JP02	211250029JP02	Patent	JP	2015-240982	06039046	
211250044	JP01	211250044JP01	Patent	JP	2014-516501	05923600	
211250044	JP02	211250044JP02	Patent	JP	2016-085626		
211250049	JP01	211250049JP01	Patent	JP	2012-130377	06030860	
211250050	JP01	211250050JP01	Patent	JP	2012-164311	05921981	
211250052	JP01	211250052JP01	Patent	JP	2012-117106	05808712	
211250069	JP01	211250069JP01	Patent	JP	2012-159188	05934591	
211250076	US01	211250076US01	Patent	US	14/377302		
211250076	CN01	211250076CN01	Patent	CN	201280069347.0		
211250076	JP01	211250076JP01	Patent	JP	2013-557321	05836404	
211250088	JP01	211250088JP01	Patent	JP	2012-033527	05865726	
211250104	JP01	211250104JP01	Patent	JP	2012-220884	05980081	
211250116	US01	211250116US01	Patent	US	14/416336		
211250116	JP01	211250116JP01	Patent	JP	2014-534118	06130841	
211250116	JP02	211250116JP02	Patent	JP	2017-080784		
211250140	JP01	211250140JP01	Patent	JP	2012-141535	05905345	
211250159	CN01	211250159CN01	Patent	CN	201380025675.5		
211250159	JP01	211250159JP01	Patent	JP	2012-113599	05863563	
211250159	JP02	211250159JP02	Patent	JP	2015-249740		
211250181	JP01	211250181JP01	Patent	JP	2012-133400	05788363	
211250234	US01	211250234US01	Patent	US	14/436094		
211250234	CN01	211250234CN01	Patent	CN	201380054279.5		
211250234	JP01	211250234JP01	Patent	JP	2012-229431	05986877	
211250236	JP01	211250236JP01	Patent	JP	2012-133402	05816596	
211250236	JP02	211250236JP02	Patent	JP	2015-189161	06092974	
211250239	JP01	211250239JP01	Patent	JP	2012-153178	05912939	
211250241	US01	211250241US01	Patent	US	13/874535		
211250241	CN01	211250241CN01	Patent	CN	201310149104.4	ZL201310149104.4	
211250241	CN02	211250241CN02	Patent	CN	201510821948.8		
211250241	CN03	211250241CN03	Patent	CN	201510821408.X		
211250241	JP01	211250241JP01	Patent	JP	2012-117105	05856012	
211250241	JP02	211250241JP02	Patent	JP	2015-241178		
211250244	JP01	211250244JP01	Patent	JP	2012-237416	05980090	
211250245	JP01	211250245JP01	Patent	JP	2012-237417	05890294	
211250249	US01	211250249US01	Patent	US	14/416337	09651205	
211250249	CN01	211250249CN01	Patent	CN	201280074865.1	ZL201280074865.1	
211250249	JP01	211250249JP01	Patent	JP	2014-526649	05886427	
211250283	JP01	211250283JP01	Patent	JP	2012-117104	05241941	
211250284	JP01	211250284JP01	Patent	JP	2012-117103	05352711	
211250286	US01	211250286US01	Patent	US	14/403684		
211250286	CN01	211250286CN01	Patent	CN	201280073490.7	ZL201280073490.7	
211250286	JP01	211250286JP01	Patent	JP	2014-521168		
211250286	TW01	211250286TW01	Patent	TW	102121364	I510824	
211250286	TW02	211250286TW02	Patent	TW	104134874	I557449	
211250287	US01	211250287US01	Patent	US	14/404529		
211250287	CN01	211250287CN01	Patent	CN	201280073569.X	ZL201280073569.X	
211250287	JP01	211250287JP01	Patent	JP	2014-521169		
211250287	TW01	211250287TW01	Patent	TW	102121365		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211250302	US01	211250302US01	Patent	US	14/429995	09665922	
211250302	US02	211250302US02	Patent	US	15/596377		
211250302	CN01	211250302CN01	Patent	CN	201280075348.6		
211250302	EP01	211250302EP01	Patent	EP	12889136.3		
211250302	JP01	211250302JP01	Patent	JP	2014-549716	05784245	
211250302	JP02	211250302JP02	Patent	JP	2015-143668	06100328	
211250302	JP03	211250302JP03	Patent	JP	2017-030668		
211250302	SG01	211250302SG01	Patent	SG	11201502432U	11201502432U	
211250305	CN01	211250305CN01	Patent	CN	201280077295.1		
211250305	JP01	211250305JP01	Patent	JP	2014-548404	06005760	
211250330	US01	211250330US01	Patent	US	14/406546		
211250330	CN01	211250330CN01	Patent	CN	201280073486.0		
211250330	JP01	211250330JP01	Patent	JP	2014-535315	05948424	
211250330	JP02	211250330JP02	Patent	JP	2016-112756		
211250332	JP01	211250332JP01	Patent	JP	2012-261856	05856041	
211250333	JP01	211250333JP01	Patent	JP	2013-019069		
211250338	JP01	211250338JP01	Patent	JP	2012-270905	05977661	
211250355	JP01	211250355JP01	Patent	JP	2012-219027	05926669	
211250355	JP02	211250355JP02	Patent	JP	2016-085915		
211250362	US01	211250362US01	Patent	US	13/875767	8823876	
211250362	US02	211250362US02	Patent	US	14/340789	9053539	
211250362	CN01	211250362CN01	Patent	CN	201310170772.5	ZL201310170772.5	
211250362	CN02	211250362CN02	Patent	CN	201610553161.2		
211250362	JP01	211250362JP01	Patent	JP	2012-215489	06030396	
211250422	JP01	211250422JP01	Patent	JP	2013-047469		
211250446	US01	211250446US01	Patent	US	14/105318	09459448	
211250446	CN01	211250446CN01	Patent	CN	201310723752.6	ZL201310723752.6	
211250446	JP01	211250446JP01	Patent	JP	2013-036584	06120611	
211250448	US01	211250448US01	Patent	US	14/655207		
211250457	JP01	211250457JP01	Patent	JP	2012-244988	05973878	
211250459	US01	211250459US01	Patent	US	14/439515	09560329	
211250459	CN01	211250459CN01	Patent	CN	201280076795.3	ZL201280076795.3	
211250459	JP01	211250459JP01	Patent	JP	2014-544093	06001083	
211250474	US01	211250474US01	Patent	US	14/439931	09547226	
211250474	CN01	211250474CN01	Patent	CN	201280076710.1		
211250474	JP01	211250474JP01	Patent	JP	2014-544156	06072817	
211250474	JP02	211250474JP02	Patent	JP	2016-255413		
211250481	US01	211250481US01	Patent	US	14/652530		
211250481	CN01	211250481CN01	Patent	CN	201480003558.3		
211250481	JP01	211250481JP01	Patent	JP	2013-028550	06115987	
211250512	US01	211250512US01	Patent	US	14/786230		
211250512	CN01	211250512CN01	Patent	CN	201480023324.5		
211250512	JP01	211250512JP01	Patent	JP	2013-090882		
211250529	US01	211250529US01	Patent	US	14/649895		
211250529	CN01	211250529CN01	Patent	CN	201380063530.4		
211250529	JP01	211250529JP01	Patent	JP	2012-267765	05902079	
211250529	JP02	211250529JP02	Patent	JP	2016-045820	06178449	
211250529	JP03	211250529JP03	Patent	JP	2017-137105		
211250569	US01	211250569US01	Patent	US	14/187488	9367176	
211250569	US02	211250569US02	Patent	US	15/161813		
211250569	CN01	211250569CN01	Patent	CN	201410073622.7	ZL201410073622.7	
211250569	JP01	211250569JP01	Patent	JP	2013-048305	06037900	
211250569	JP02	211250569JP02	Patent	JP	2016-213933		
211250572	CN01	211250572CN01	Patent	CN	201280076635.9	ZL201280076635.9	
211250572	JP01	211250572JP01	Patent	JP	2014-545476	06081481	
211250584	US01	211250584US01	Patent	US	14/441544		
211250584	US02	211250584US02	Patent	US			Preparing for filing
211250584	CN01	211250584CN01	Patent	CN	201280076956.9		
211250584	EP02	211250584EP02	Patent	EP	17163438.9		
211250584	JP01	211250584JP01	Patent	JP	2014-545522	06017583	
211250584	JP02	211250584JP02	Patent	JP	2016-189041		
211250597	US01	211250597US01	Patent	US	14/646335	09544555	
211250597	CN01	211250597CN01	Patent	CN	201380060576.0	ZL201380060576.0	
211250597	EP01	211250597EP01	Patent	EP	13856379.6		
211250597	JP01	211250597JP01	Patent	JP	2012-253909	05938335	
211250603	US01	211250603US01	Patent	US	14/651002		
211250603	CN01	211250603CN01	Patent	CN	201380064683.0		
211250603	JP01	211250603JP01	Patent	JP	2013-000297	05902632	
211250603	JP02	211250603JP02	Patent	JP	2016-046542	06190909	
211250612	JP01	211250612JP01	Patent	JP	2013-018033	06145276	
211250625	US01	211250625US01	Patent	US	14/172030		
211250625	CN01	211250625CN01	Patent	CN	201410057545.6		
211250625	JP01	211250625JP01	Patent	JP	2013-048306	06037901	
211250625	JP02	211250625JP02	Patent	JP	2016-213934		
211250628	CN01	211250628CN01	Patent	CN	201480033174.6		
211250631	US01	211250631US01	Patent	US	14/155511	9086594	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211250642	US01	211250642US01	Patent	US	14/651212	09618175	
211250642	CN01	211250642CN01	Patent	CN	201380064778.2		
211250642	JP01	211250642JP01	Patent	JP	2013-001457	06062249	
211250655	US01	211250655US01	Patent	US	14/653483		
211250655	CN01	211250655CN01	Patent	CN	201380067188.5		
211250655	JP01	211250655JP01	Patent	JP	2015-507704	06084682	
211250656	US01	211250656US01	Patent	US	14/784796		
211250656	CN01	211250656CN01	Patent	CN	201380075235.0		
211250656	JP01	211250656JP01	Patent	JP	2015-512260	06093009	
211250656	JP02	211250656JP02	Patent	JP	2017-022276		
211300004	US01	211300004US01	Patent	US	14/908276		
211300004	CN01	211300004CN01	Patent	CN	201380078602.2		
211300004	JP01	211300004JP01	Patent	JP	2015-529262		
211300009	US01	211300009US01	Patent	US	14/903365		
211300009	CN01	211300009CN01	Patent	CN	201380078620.0		
211300009	JP01	211300009JP01	Patent	JP	2015-529263	06143869	
211300009	JP02	211300009JP02	Patent	JP	2017-092711		
211300012	US01	211300012US01	Patent	US	14/655654		
211300012	CN01	211300012CN01	Patent	CN	201380068233.9		
211300012	EP01	211300012EP01	Patent	EP	13879811.1		
211300012	JP01	211300012JP01	Patent	JP	2015-507758	05961750	
211300012	JP02	211300012JP02	Patent	JP	2016-126437		
211300012	SG01	211300012SG01	Patent	SG	11201505062U		
211300019	CN01	211300019CN01	Patent	CN	201380078619.8		
211300019	JP01	211300019JP01	Patent	JP	2015-529265		
211300037	US01	211300037US01	Patent	US	14/242908	09696425	
211300037	CN01	211300037CN01	Patent	CN	201410133953.5	ZL201410133953.5	
211300037	EP01	211300037EP01	Patent	EP	14163155.6		
211300037	JP01	211300037JP01	Patent	JP	2013-079114	06045963	
211300055	US01	211300055US01	Patent	US	14/914738		
211300055	CN01	211300055CN01	Patent	CN	201380079223.5		
211300055	JP01	211300055JP01	Patent	JP	2015-533877		
211300063	US01	211300063US01	Patent	US	14/653709		
211300063	CN01	211300063CN01	Patent	CN	201380066770.X		
211300063	JP01	211300063JP01	Patent	JP	2015-502633	06039053	
211300094	US01	211300094US01	Patent	US	14/891417		
211300094	CN01	211300094CN01	Patent	CN	201380076283.1		
211300094	JP01	211300094JP01	Patent	JP	2015-536382		
211300094	JP02	211300094JP02	Patent	JP	2017-121045		
211300111	US01	211300111US01	Patent	US	14/781050	09565388	
211300111	CN01	211300111CN01	Patent	CN	201380075231.2		
211300111	EP01	211300111EP01	Patent	EP	13880992.6		
211300111	JP01	211300111JP01	Patent	JP	2015-509785	06046238	
211300117	US01	211300117US01	Patent	US	14/189121	09388965	
211300117	CN01	211300117CN01	Patent	CN	201410073224.5	ZL201410073224.5	
211300117	JP01	211300117JP01	Patent	JP	2013-045490	05997077	
211300125	US01	211300125US01	Patent	US	14/895474	09704389	
211300125	CN01	211300125CN01	Patent	CN	201380077254.7		
211300125	JP01	211300125JP01	Patent	JP	2015-521246	06096899	
211300131	US01	211300131US01	Patent	US	14/898903		
211300131	CN01	211300131CN01	Patent	CN	201380077533.3		
211300131	JP01	211300131JP01	Patent	JP	2015-522380	06096900	
211300146	US01	211300146US01	Patent	US	14/654852	09519205	
211300146	CN01	211300146CN01	Patent	CN	201380067740.0	ZL201380067740.0	
211300146	EP01	211300146EP01	Patent	EP	13879972.1		
211300146	JP01	211300146JP01	Patent	JP	2015-507874	06012850	
211300172	US01	211300172US01	Patent	US	14/786944	09581795	
211300172	CN01	211300172CN01	Patent	CN	201380075946.8	ZL201380075946.8	
211300172	JP01	211300172JP01	Patent	JP	2015-513406	06035416	
211300173	US01	211300173US01	Patent	US	14/786515	09648291	
211300173	CN01	211300173CN01	Patent	CN	201380075865.8	ZL201380075865.8	
211300173	JP01	211300173JP01	Patent	JP	2015-513367	06085025	
211300181	CN01	211300181CN01	Patent	CN	201380076013.0		
211300181	JP01	211300181JP01	Patent	JP	2015-513447	06072902	
211300184	JP01	211300184JP01	Patent	JP	2013-197691	06106565	
211300214	US01	211300214US01	Patent	US	14/901406		
211300214	CN01	211300214CN01	Patent	CN	201380077563.4		
211300214	JP01	211300214JP01	Patent	JP	2015-528078	06027242	
211300252	US01	211300252US01	Patent	US	14/786678		
211300252	CN01	211300252CN01	Patent	CN	201380076011.1		
211300252	EP01	211300252EP01	Patent	EP	13883232.4		
211300252	JP01	211300252JP01	Patent	JP	2015-513452	06144338	
211300252	JP02	211300252JP02	Patent	JP	2017-093954		
211300253	US01	211300253US01	Patent	US	14/785929		
211300253	CN01	211300253CN01	Patent	CN	201380075909.7		
211300253	JP01	211300253JP01	Patent	JP	2015-513418		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211300284	US01	211300284US01	Patent	US	14/917586		
211300284	US02	211300284US02	Patent	US	15/678265		
211300284	CN01	211300284CN01	Patent	CN	201380079533.7		
211300284	JP01	211300284JP01	Patent	JP	2015-536370	06134803	
211300284	JP02	211300284JP02	Patent	JP	2017-085237		
211300286	US01	211300286US01	Patent	US	14/904784	09721462	
211300286	CN01	211300286CN01	Patent	CN	201380078995.7		
211300286	JP01	211300286JP01	Patent	JP	2015-533903	06125642	
211300308	US01	211300308US01	Patent	US	14/911858	09591261	
211300308	CN01	211300308CN01	Patent	CN	201380079419.4		
211300308	JP01	211300308JP01	Patent	JP	2015-538647	06110503	
211300313	US01	211300313US01	Patent	US	14/392198		
211300313	CN01	211300313CN01	Patent	CN	201380077790.7	ZL201380077790.7	
211300313	JP01	211300313JP01	Patent	JP	2015-523811		
211300314	US01	211300314US01	Patent	US	15/035311		
211300314	CN01	211300314CN01	Patent	CN	201380081011.0		
211300314	JP01	211300314JP01	Patent	JP	2015-547373	06169183	
211300314	JP02	211300314JP02	Patent	JP	2017-124778		
211300369	US01	211300369US01	Patent	US	14/893338		
211300369	CN01	211300369CN01	Patent	CN	201380077561.5		
211300369	JP01	211300369JP01	Patent	JP	2015-536360	06122130	
211300369	JP02	211300369JP02	Patent	JP	2017-067756		
211300407	US01	211300407US01	Patent	US	14/896848		
211300407	CN01	211300407CN01	Patent	CN	201380076926.2		
211300407	JP01	211300407JP01	Patent	JP	2015-538648	06118913	
211300466	US01	211300466US01	Patent	US	14/892700		
211300466	CN01	211300466CN01	Patent	CN	201380077050.3	ZL201380077050.3	
211300466	EP01	211300466EP01	Patent	EP	13894422.8		
211300466	JP01	211300466JP01	Patent	JP	2015-538761	06134804	
211300479	US01	211300479US01	Patent	US	15/027340		
211300479	CN01	211300479CN01	Patent	CN	201380079895.6		
211300479	EP01	211300479EP01	Patent	EP	13895170.2		
211300479	JP01	211300479JP01	Patent	JP	2015-541328	06105075	
211300510	US01	211300510US01	Patent	US	14/917613		
211300510	CN01	211300510CN01	Patent	CN	201380079532.2	ZL201380079532.2	
211300510	EP01	211300510EP01	Patent	EP	13893495.5		
211300510	JP01	211300510JP01	Patent	JP	2015-536403	06170164	
211300519	US01	211300519US01	Patent	US	15/103320		
211300519	CN01	211300519CN01	Patent	CN	201480070485.X		
211300519	JP01	211300519JP01	Patent	JP	2015-557615		
211300527	US01	211300527US01	Patent	US	15/037164		
211300527	CN01	211300527CN01	Patent	CN	201380080630.8		
211300527	JP01	211300527JP01	Patent	JP	2015-548896	05973087	
211300527	JP02	211300527JP02	Patent	JP	2016-138450		
211300531	JP01	211300531JP01	Patent	JP	2014-002310		
211300545	US01	211300545US01	Patent	US	15/106894		
211300545	CN01	211300545CN01	Patent	CN	201480072277.3		
211300545	JP01	211300545JP01	Patent	JP	2015-557613		
211300572	US01	211300572US01	Patent	US	15/326365		
211300572	CN01	211300572CN01	Patent	CN	201480080600.1		
211300572	JP01	211300572JP01	Patent	JP	2016-534023		
211300573	US01	211300573US01	Patent	US	15/114992		
211300573	CN01	211300573CN01	Patent	CN	201480073172.X		
211300573	JP01	211300573JP01	Patent	JP	2016-503805	06145563	
211300631	US01	211300631US01	Patent	US	15/100725		
211300631	CN01	211300631CN01	Patent	CN	201380080956.0		
211300631	JP01	211300631JP01	Patent	JP	2015-553291	05974189	
211300643	WO01	211300643WO01	Patent	WO	PCT/JP2015/063918		
211300672	US01	211300672US01	Patent	US	14/603670	09538151	
211300672	CN01	211300672CN01	Patent	CN	201510035960.6		
211300672	EP01	211300672EP01	Patent	EP	15151844.6		
211300672	JP01	211300672JP01	Patent	JP	2014-066378		
211300714	JP01	211300714JP01	Patent	JP	2015-558628		
211300734	US01	211300734US01	Patent	US	15/302005		
211300734	CN01	211300734CN01	Patent	CN	201480077827.0		
211300734	JP01	211300734JP01	Patent	JP	2016-512518	06177998	
211300758	US01	211300758US01	Patent	US	15/036593		
211300758	US02	211300758US02	Patent	US	15/036605		
211300758	US03	211300758US03	Patent	US	15/036606		
211300758	CN01	211300758CN01	Patent	CN	201480062284.5		
211300758	CN02	211300758CN02	Patent	CN	201480062254.4		
211300758	CN03	211300758CN03	Patent	CN	201480062255.9		
211300758	CN04	211300758CN04	Patent	CN	201710629352.7		
211300758	JP01	211300758JP01	Patent	JP	2013-234540	06121881	
211300758	JP02	211300758JP02	Patent	JP	2017-066766		
211300759	JP01	211300759JP01	Patent	JP	2013-234541	06121882	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211300759	JP02	211300759JP02	Patent	JP	2017-066884		
211300761	US01	211300761US01	Patent	US	15/104699		
211300761	CN01	211300761CN01	Patent	CN	201480068459.3		
211300761	JP01	211300761JP01	Patent	JP	2015-559698		
211300788	US01	211300788US01	Patent	US	15/323740		
211300788	CN01	211300788CN01	Patent	CN	201480079974.1		
211300788	JP01	211300788JP01	Patent	JP	2016-534027		
211300796	JP01	211300796JP01	Patent	JP	2013-270920	06148170	
211300796	JP02	211300796JP02	Patent	JP	2017-098753		
211300797	US01	211300797US01	Patent	US	15/108245		
211300797	CN01	211300797CN01	Patent	CN	201480071258.9		
211300797	EP01	211300797EP01	Patent	EP	14875742.0		
211300797	JP01	211300797JP01	Patent	JP	2013-270912	06178234	
211300797	JP02	211300797JP02	Patent	JP	2017-137243		
211300799	US01	211300799US01	Patent	US	15/107979		
211300799	CN01	211300799CN01	Patent	CN	201480071164.1		
211300799	JP01	211300799JP01	Patent	JP	2013-270913	06157345	
211300799	JP02	211300799JP02	Patent	JP	2017-111716		
211300800	US01	211300800US01	Patent	US	15/101083		
211300800	CN01	211300800CN01	Patent	CN	201380081652.6		
211300800	JP01	211300800JP01	Patent	JP	2015-554359		
211300801	JP01	211300801JP01	Patent	JP	2013-270919	06118243	
211300801	JP02	211300801JP02	Patent	JP	2017-059456		
211300808	US01	211300808US01	Patent	US	14/552020	09552072	
211300808	CN01	211300808CN01	Patent	CN	201410696581.7		
211300808	JP01	211300808JP01	Patent	JP	2013-270922		
211300848	US01	211300848US01	Patent	US	15/315735		
211300848	CN01	211300848CN01	Patent	CN	201480079782.0		
211300848	JP01	211300848JP01	Patent	JP	2016-527577	06151858	
211300848	JP02	211300848JP02	Patent	JP	2017-103459		
211300851	JP01	211300851JP01	Patent	JP	2014-067464	06121933	
211300851	JP02	211300851JP02	Patent	JP	2017-066496		
211400066	US01	211400066US01	Patent	US	15/306512		
211400066	CN01	211400066CN01	Patent	CN	201480078531.0		
211400066	JP01	211400066JP01	Patent	JP	2016-515787		
211400077	US01	211400077US01	Patent	US	15/309896		
211400077	CN01	211400077CN01	Patent	CN	201480078922.2		
211400077	JP01	211400077JP01	Patent	JP	2016-519063		
211400099	JP01	211400099JP01	Patent	JP	2014-099040		
211400103	JP01	211400103JP01	Patent	JP	2014-092096		
211400104	US01	211400104US01	Patent	US	15/306513		
211400104	CN01	211400104CN01	Patent	CN	201480078738.8		
211400104	JP01	211400104JP01	Patent	JP	2016-517785		
211400109	JP01	211400109JP01	Patent	JP	2014-099091		
211400129	US01	211400129US01	Patent	US	15/309560		
211400129	CN01	211400129CN01	Patent	CN	201480078720.8		
211400129	JP01	211400129JP01	Patent	JP	2016-517784		
211400155	US01	211400155US01	Patent	US	15/300292		
211400155	CN01	211400155CN01	Patent	CN	201480077518.3		
211400155	JP01	211400155JP01	Patent	JP	2016-511294		
211400156	JP01	211400156JP01	Patent	JP	2016-511295		
211400157	US01	211400157US01	Patent	US	15/307110		
211400157	CN01	211400157CN01	Patent	CN	201480078301.4		
211400157	JP01	211400157JP01	Patent	JP	2016-517781		
211400162	JP01	211400162JP01	Patent	JP	2014-099048		
211400191	US01	211400191US01	Patent	US	15/307121		
211400191	CN01	211400191CN01	Patent	CN	201480078332.X		
211400191	JP01	211400191JP01	Patent	JP	2016-517782		
211400220	US01	211400220US01	Patent	US	15/500286		
211400220	CN01	211400220CN01	Patent	CN	201480080883.X		
211400220	JP01	211400220JP01	Patent	JP	2016-537666		
211400267	US01	211400267US01	Patent	US	15/328250		
211400267	CN01	211400267CN01	Patent	CN	201480079980.7		
211400267	JP01	211400267JP01	Patent	JP	2016-539754		
211400293	US01	211400293US01	Patent	US	15/315668		
211400293	CN01	211400293CN01	Patent	CN	201480079493.0		
211400293	JP01	211400293JP01	Patent	JP	2016-528715		
211400321	JP01	211400321JP01	Patent	JP	2014-120543		
211400383	US01	211400383US01	Patent	US	15/314561		
211400383	CN01	211400383CN01	Patent	CN	201480079279.5		
211400383	JP01	211400383JP01	Patent	JP	2016-523039		
211400385	US01	211400385US01	Patent	US	15/322980		
211400385	CN01	211400385CN01	Patent	CN	201480080394.4		
211400385	JP01	211400385JP01	Patent	JP	2016-530783	06154959	
211400387	US01	211400387US01	Patent	US	15/328594		
211400387	CN01	211400387CN01	Patent	CN	201480081478.X		



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211400387	JP01	211400387JP01	Patent	JP	2016-545108		
211400403	JP01	211400403JP01	Patent	JP	2014-182018		
211400409	US01	211400409US01	Patent	US	14/731275		
211400409	CN01	211400409CN01	Patent	CN	201510303588.2		
211400409	EP01	211400409EP01	Patent	EP	15170694.2		
211400409	JP01	211400409JP01	Patent	JP	2014-120192		
211400409	MY01	211400409MY01	Patent	MY	'12015701776		
211400409	SG01	211400409SG01	Patent	SG	10201504400X		
211400411	US01	211400411US01	Patent	US	15/504668		
211400411	CN01	211400411CN01	Patent	CN	201480081638.0		
211400411	JP01	211400411JP01	Patent	JP	2016-545205		
211400415	US01	211400415US01	Patent	US	15/522619		
211400415	CN01	211400415CN01	Patent	CN	201480083268.4		
211400415	JP01	211400415JP01	Patent	JP	2016-558463		
211400432	US01	211400432US01	Patent	US	14/738099		
211400432	CN01	211400432CN01	Patent	CN	201510326078.7		
211400432	JP01	211400432JP01	Patent	JP	2014-154315		
211400438	US01	211400438US01	Patent	US	15/311656		
211400438	CN01	211400438CN01	Patent	CN	201480078985.8		
211400438	JP01	211400438JP01	Patent	JP	2016-542442		
211400448	US01	211400448US01	Patent	US	15/506484		
211400448	CN01	211400448CN01	Patent	CN	201580046355.7		
211400448	JP01	211400448JP01	Patent	JP	2014-174276		
211400528	US01	211400528US01	Patent	US	15/518059		
211400528	CN01	211400528CN01	Patent	CN	201480082650.3		
211400528	JP01	211400528JP01	Patent	JP	2016-553781		
211400563	US01	211400563US01	Patent	US	15/507020		
211400563	US02	211400563US02	Patent	US			Preparing for filing
211400563	CN01	211400563CN01	Patent	CN	201580045975.9		
211400563	CN02	211400563CN02	Patent	CN			Preparing for filing
211400563	JP01	211400563JP01	Patent	JP	2014-176434		
211400598	US01	211400598US01	Patent	US	15/537397		
211400598	CN01	211400598CN01	Patent	CN	201480083978.7		
211400598	JP01	211400598JP01	Patent	JP	2016-565856		
211400620	US01	211400620US01	Patent	US	15/536676		
211400620	CN01	211400620CN01	Patent	CN	201580072547.5		
211400620	JP01	211400620JP01	Patent	JP	2016-568195		
211400656	US01	211400656US01	Patent	US	15/525777		
211400656	CN01	211400656CN01	Patent	CN	201480083357.9		
211400656	JP01	211400656JP01	Patent	JP	2016-558529		
211400663	JP01	211400663JP01	Patent	JP	2016-565773		
211400672	US01	211400672US01	Patent	US	15/501349		
211400672	CN01	211400672CN01	Patent	CN	201480080836.5		
211400672	JP01	211400672JP01	Patent	JP	2016-551376		
211400673	US01	211400673US01	Patent	US	15/501383		
211400673	CN01	211400673CN01	Patent	CN	201480080967.3		
211400673	JP01	211400673JP01	Patent	JP	2016-551377		
211400693	US01	211400693US01	Patent	US	15/533800		
211400693	CN01	211400693CN01	Patent	CN	201480083480.0		
211400693	JP01	211400693JP01	Patent	JP	2016-563311		
211400694	US01	211400694US01	Patent	US	15/524704		
211400694	CN01	211400694CN01	Patent	CN	201480082763.3		
211400694	JP01	211400694JP01	Patent	JP	2016-558510		
211400734	US01	211400734US01	Patent	US	15/538830		
211400734	CN01	211400734CN01	Patent	CN	201480083885.4		
211400734	JP01	211400734JP01	Patent	JP	2016-565770		
211400795	US01	211400795US01	Patent	US	15/533863		
211400795	CN01	211400795CN01	Patent	CN	201580064411.X		
211400795	JP01	211400795JP01	Patent	JP	2014-255166		
211400796	US01	211400796US01	Patent	US	15/544916		
211400796	CN01	211400796CN01	Patent	CN	201580074099.2		
211400796	JP01	211400796JP01	Patent	JP	2016-570451		
211400863	WO01	211400863WO01	Patent	WO	PCT/JP2015/067790		
211400907	US02	211400907US02	Patent	US			Entering into national phase
211400907	CN02	211400907CN02	Patent	CN			Entering into national phase
211400907	JP02	211400907JP02	Patent	JP	2017-509177		
211400907	WO01	211400907WO01	Patent	WO	PCT/JP2015/060395		
211400907	WO02	211400907WO02	Patent	WO	PCT/JP2015/085818		
211400912	US01	211400912US01	Patent	US	15/539243		
211400912	CN01	211400912CN01	Patent	CN	201480084379.7		
211400912	JP01	211400912JP01	Patent	JP	2016-565850		
211400913	US01	211400913US01	Patent	US	15/539205		
211400913	CN01	211400913CN01	Patent	CN	201480084368.9		
211400913	JP01	211400913JP01	Patent	JP	2016-565855		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211400928	US01	211400928US01	Patent	US	15/548380		
211400928	CN01	211400928CN01	Patent	CN	201680008396.1		
211400928	EP01	211400928EP01	Patent	EP	16746485.8		
211400928	JP01	211400928JP01	Patent	JP	2015-018226		
211400931	US01	211400931US01	Patent	US	15/548368		
211400931	CN01	211400931CN01	Patent	CN	201680008649.5		
211400931	JP01	211400931JP01	Patent	JP	2015-019448		
211400931	TW01	211400931TW01	Patent	TW	105103324	I578776	
211400932	US01	211400932US01	Patent	US	15/538675		
211400932	CN01	211400932CN01	Patent	CN	201580071148.7		
211400932	JP02	211400932JP02	Patent	JP	2016-566113		
211400933	US01	211400933US01	Patent	US	15/538678		
211400933	CN01	211400933CN01	Patent	CN	201580071139.8		
211400933	JP02	211400933JP02	Patent	JP	2016-566142		
211400934	WO01	211400934WO01	Patent	WO	PCT/JP2015/066537		
211400962	US01	211400962US01	Patent	US	15/543219		
211400962	CN01	211400962CN01	Patent	CN	201580073292.4		
211400962	JP02	211400962JP02	Patent	JP	2016-569264		
211500007	US01	211500007US01	Patent	US	15/520080		
211500007	CN01	211500007CN01	Patent	CN	201580061498.5		
211500007	JP01	211500007JP01	Patent	JP	2016-571579		
211500015	US01	211500015US01	Patent	US	15/522501		
211500015	CN01	211500015CN01	Patent	CN	201580064093.7		
211500015	JP01	211500015JP01	Patent	JP	2016-571536		
211500016	JP01	211500016JP01	Patent	JP	2015-056948		
211500017	JP01	211500017JP01	Patent	JP	2015-057229		
211500022	JP01	211500022JP01	Patent	JP	2015-083500		
211500023	WO01	211500023WO01	Patent	WO	PCT/JP2015/066852		
211500052	WO01	211500052WO01	Patent	WO	PCT/JP2015/063144		
211500056	JP01	211500056JP01	Patent	JP	2015-058877		
211500057	JP01	211500057JP01	Patent	JP	2015-060295		
211500058	WO01	211500058WO01	Patent	WO	PCT/JP2015/075573		
211500062	US01	211500062US01	Patent	US			Entering into national phase
211500062	CN01	211500062CN01	Patent	CN			Entering into national phase
211500062	JP01	211500062JP01	Patent	JP			Entering into national phase
211500062	WO01	211500062WO01	Patent	WO	PCT/JP2015/061731		
211500067	JP01	211500067JP01	Patent	JP	2015-082502		
211500067	WO01	211500067WO01	Patent	WO	PCT/JP2016/061753		
211500068	JP01	211500068JP01	Patent	JP	2015-082904		
211500072	JP01	211500072JP01	Patent	JP	2016-064199		
211500073	JP01	211500073JP01	Patent	JP	2016-064386		
211500097	WO01	211500097WO01	Patent	WO	PCT/JP2015/066307		
211500099	WO01	211500099WO01	Patent	WO	PCT/JP2015/067791		
211500102	US01	211500102US01	Patent	US			Entering into national phase
211500102	CN01	211500102CN01	Patent	CN			Entering into national phase
211500102	JP01	211500102JP01	Patent	JP			Entering into national phase
211500102	WO01	211500102WO01	Patent	WO	PCT/JP2015/061736		
211500103	WO01	211500103WO01	Patent	WO	PCT/JP2015/060709		
211500105	WO01	211500105WO01	Patent	WO	PCT/JP2015/066163		
211500111	WO01	211500111WO01	Patent	WO	PCT/JP2015/067454		
211500118	WO01	211500118WO01	Patent	WO	PCT/JP2015/064336		
211500124	WO01	211500124WO01	Patent	WO	PCT/JP2015/066756		
211500129	WO01	211500129WO01	Patent	WO	PCT/JP2015/069498		
211500131	WO01	211500131WO01	Patent	WO	PCT/JP2015/060965		
211500137	JP01	211500137JP01	Patent	JP	2015-127767		
211500147	US01	211500147US01	Patent	US			Entering into national phase
211500147	CN01	211500147CN01	Patent	CN			Entering into national phase
211500147	JP01	211500147JP01	Patent	JP	2017-510814		
211500147	WO01	211500147WO01	Patent	WO	PCT/JP2015/060766		
211500154	US01	211500154US01	Patent	US			Entering into national phase
211500154	CN01	211500154CN01	Patent	CN			Entering into national phase
211500154	JP01	211500154JP01	Patent	JP	2017-504477		
211500178	WO01	211500178WO01	Patent	WO	PCT/JP2015/069964		
211500184	US01	211500184US01	Patent	US	15/510160		
211500184	CN01	211500184CN01	Patent	CN			Entering into national phase

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
211500184	JP01	211500184JP01	Patent	JP	2016-568702	06093103	
211500184	JP02	211500184JP02	Patent	JP	2017-022178		
211500184	WO01	211500184WO01	Patent	WO	PCT/JP2016/059809		
211500186	WO01	211500186WO01	Patent	WO	PCT/JP2015/071857		
211500201	WO01	211500201WO01	Patent	WO	PCT/JP2015/065223		
211500208	US01	211500208US01	Patent	US			Entering into national phase
211500208	CN01	211500208CN01	Patent	CN			Entering into national phase
211500208	JP01	211500208JP01	Patent	JP	2017-511403		
211500208	WO01	211500208WO01	Patent	WO	PCT/JP2015/061022		
211500218	WO01	211500218WO01	Patent	WO	PCT/JP2015/066383		
211500228	JP01	211500228JP01	Patent	JP	2015-155658		
211500228	WO01	211500228WO01	Patent	WO	PCT/JP2016/062316		
211500229	JP01	211500229JP01	Patent	JP	2015-157285		
211500230	JP01	211500230JP01	Patent	JP	2015-157906		
211500231	JP01	211500231JP01	Patent	JP	2015-158640		
211500232	JP01	211500232JP01	Patent	JP	2015-159307		
211500233	JP01	211500233JP01	Patent	JP	2015-159758		
211500244	JP01	211500244JP01	Patent	JP	2015-179959		
211500244	WO01	211500244WO01	Patent	WO	PCT/JP2016/070877		
211500254	WO01	211500254WO01	Patent	WO	PCT/JP2015/078530		
211500256	JP01	211500256JP01	Patent	JP	2015-120603		
211500256	WO01	211500256WO01	Patent	WO	PCT/JP2016/062962		
211500294	WO01	211500294WO01	Patent	WO	PCT/JP2015/068535		
211500295	US01	211500295US01	Patent	US			Entering into national phase
211500295	CN01	211500295CN01	Patent	CN			Entering into national phase
211500295	JP02	211500295JP02	Patent	JP	2017-510949		
211500295	WO01	211500295WO01	Patent	WO	PCT/JP2016/060612		
211500296	US01	211500296US01	Patent	US			Entering into national phase
211500296	CN01	211500296CN01	Patent	CN			Entering into national phase
211500296	JP02	211500296JP02	Patent	JP			Entering into national phase
211500296	WO01	211500296WO01	Patent	WO	PCT/JP2016/060613		
211500297	US01	211500297US01	Patent	US			Entering into national phase
211500297	CN01	211500297CN01	Patent	CN			Entering into national phase
211500297	JP02	211500297JP02	Patent	JP	2017-510951		
211500297	WO01	211500297WO01	Patent	WO	PCT/JP2016/060614		
211500313	WO01	211500313WO01	Patent	WO	PCT/JP2016/061232		
211500317	WO01	211500317WO01	Patent	WO	PCT/JP2015/076362		
211500318	WO01	211500318WO01	Patent	WO	PCT/JP2015/085595		
211500319	WO01	211500319WO01	Patent	WO	PCT/JP2015/070191		
211500328	JP01	211500328JP01	Patent	JP	2016-083301		
211500328	WO01	211500328WO01	Patent	WO	PCT/JP2017/015120		
219001343	US02	219001343US02	Patent	US	08/238528	05671095	
219001343	US18	219001343US18	Patent	US	11/305229	8009375	
219200943	US01	219200943US01	Patent	US	08/133221	05396443	Need two-step proceedings (HCE⇒HMX⇒MX) HCE: Hitachi Consumer Electronics
219300446	US01	219300446US01	Patent	US	08/260576	05534934	
219301118	US01	219301118US01	Patent	US	08/315714	06118429	
219400846	US01	219400846US01	Patent	US	08/463827	06438172	
219401771	US04	219401771US04	Patent	US	10/367730	07319808	
219401771	US05	219401771US05	Patent	US	11/936852	8306395	
219401771	US06	219401771US06	Patent	US	12/219250	8340501	
219401771	US07	219401771US07	Patent	US	12/219251	8270812	
219401771	US08	219401771US08	Patent	US	12/219246	8254758	
219401954	US01	219401954US01	Patent	US	08/894634	06295084	
219500757	US01	219500757US01	Patent	US	08/637101	06163644	
219500757	US02	219500757US02	Patent	US	09/479074	06321025	
219500757	US03	219500757US03	Patent	US	09/893983	6757478	
219500757	US04	219500757US04	Patent	US	10/782779	7844986	
219500757	US05	219500757US05	Patent	US	12/401182	8699864	
219600218	US01	219600218US01	Patent	US	08/810092	06175683	
219600218	US02	219600218US02	Patent	US	09/690999	6519411	
219600218	US03	219600218US03	Patent	US	10/347588	07450816	
219600689	US01	219600689US01	Patent	US	08/844431	06037995	
219600689	US02	219600689US02	Patent	US	09/418822	07158188	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
219600689	US03	219600689US03	Patent	US	10/773307	07289158	
219600689	US04	219600689US04	Patent	US	11/502403	8009233	
219600689	US05	219600689US05	Patent	US	13/220051	8976296	
219600689	EP04	219600689EP04	Patent	EP	10177079.0		
219600742	US01	219600742US01	Patent	US	08/944965	06060845	
219600894	US01	219600894US01	Patent	US	08/955092	06199404	
219600894	DE01	219600894DE01	Patent	DE	69714374.0	00837486	
219600894	FR01	219600894FR01	Patent	FR	97118081.5	00837486	
219600894	GB01	219600894GB01	Patent	GB	97118081.5	00837486	
219600894	NL01	219600894NL01	Patent	NL	97118081.5	00837486	
219601257	US01	219601257US01	Patent	US	08/951293	6201516	Need two-step proceedings (Hitachi⇒HMX⇒MX)
219601442	US01	219601442US01	Patent	US	08/996142	06131111	
219601442	US02	219601442US02	Patent	US	09/473299	6487589	
219601442	US03	219601442US03	Patent	US	09/557221	6691150	
219601442	US04	219601442US04	Patent	US	09/814997	6728765	
219601442	US05	219601442US05	Patent	US	10/782835	07136910	
219601442	FR01	219601442FR01	Patent	FR	97310420.1	00853402	
219601442	GB01	219601442GB01	Patent	GB	97310420.1	00853402	
219601442	NL01	219601442NL01	Patent	NL	97310420.1	00853402	
219601485	US01	219601485US01	Patent	US	09/297359	6600790	
219601525	US01	219601525US01	Patent	US	08/959130	06108716	
219601563	US01	219601563US01	Patent	US	08/959433	06065838	
219601563	US02	219601563US02	Patent	US	09/495002	6238050	
219601563	DE01	219601563DE01	Patent	DE	69728839.0	00840523	
219601563	DE02	219601563DE02	Patent	DE	69740718.7	1431809	
219601563	DE03	219601563DE03	Patent	DE	69740799.3	2290992	
219601563	DE04	219601563DE04	Patent	DE	69740781.0	2276263	
219601563	FR01	219601563FR01	Patent	FR	97118703.4	00840523	
219601563	FR02	219601563FR02	Patent	FR	04003744.2	1431809	
219601563	FR03	219601563FR03	Patent	FR	10175566.8	2290992	
219601563	FR04	219601563FR04	Patent	FR	10011091.5	2276263	
219601563	GB01	219601563GB01	Patent	GB	97118703.4	00840523	
219601563	GB02	219601563GB02	Patent	GB	04003744.2	1431809	
219601563	GB03	219601563GB03	Patent	GB	10175566.8	2290992	
219601563	GB04	219601563GB04	Patent	GB	10011091.5	2276263	
219601701	US02	219601701US02	Patent	US	08/986074	06185228	
219601701	US03	219601701US03	Patent	US	09/851196	6813283	
219601701	US04	219601701US04	Patent	US	10/164614	6826202	
219601701	US05	219601701US05	Patent	US	10/435248	07283570	
219601701	US06	219601701US06	Patent	US	10/470635	07123631	
219601701	US07	219601701US07	Patent	US	11/892040	7974316	
219601701	US08	219601701US08	Patent	US	13/114145	8634416	
219601701	BR01	219601701BR01	Patent	BR	'19706363-0	'19706363-0	
219601701	BR04	219601701BR04	Patent	BR	'19715373-7	'19715373-7	
219601701	CN01	219601701CN01	Patent	CN	97125766.3	ZL97125766.3	
219601701	CN02	219601701CN02	Patent	CN	03110459.2	ZL03110459.2	
219601701	CN03	219601701CN03	Patent	CN	200610099745.3	ZL200610099745.3	
219601701	DE01	219601701DE01	Patent	DE	69736886.6	00849958	
219601701	DE02	219601701DE02	Patent	DE	69740646.6	1605707	
219601701	ES01	219601701ES01	Patent	ES	97121753.4	00849958	
219601701	ES02	219601701ES02	Patent	ES	05019426.5	1605707	
219601701	FR01	219601701FR01	Patent	FR	97121753.4	00849958	
219601701	FR02	219601701FR02	Patent	FR	05019426.5	1605707	
219601701	GB01	219601701GB01	Patent	GB	97121753.4	00849958	
219601701	GB02	219601701GB02	Patent	GB	05019426.5	1605707	
219601701	IT01	219601701IT01	Patent	IT	97121753.4	00849958	
219601701	IT02	219601701IT02	Patent	IT	05019426.5	1605707	
219601701	KR01	219601701KR01	Patent	KR	10-1997-0058984	10-0261706	
219700172	US01	219700172US01	Patent	US	09/019808	06195503	
219700214	US01	219700214US01	Patent	US	09/026207	6590609	
219700377	US01	219700377US01	Patent	US	09/037124	06292618	
219700377	US02	219700377US02	Patent	US	09/904554	6763174	
219700377	US03	219700377US03	Patent	US	10/787439	07450815	
219700574	US01	219700574US01	Patent	US	09/048176	06078205	
219700596	US01	219700596US01	Patent	US	09/063444	06201693	
219700596	US02	219700596US02	Patent	US	09/788529	06606243	
219700596	US03	219700596US03	Patent	US	10/178745	6898078	
219700596	US04	219700596US04	Patent	US	11/011189	07068503	
219700596	US05	219700596US05	Patent	US	11/410915	07274565	
219700596	TW01	219700596TW01	Patent	TW	87106089	160733	
219700721	US01	219700721US01	Patent	US	09/088838	06062695	
219700721	US02	219700721US02	Patent	US	09/547641	6416182	
219700721	DE01	219700721DE01	Patent	DE	69839317.1	00883302	
219700721	GB01	219700721GB01	Patent	GB	98109902.1	00883302	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
219700790	JP01	219700790JP01	Patent	JP	H09-289910	03943677	
219700798	US01	219700798US01	Patent	US	09/114967	06388713	
219700798	US02	219700798US02	Patent	US	10/108643	06563546	
219700798	US03	219700798US03	Patent	US	10/367686	06798460	
219700841	US01	219700841US01	Patent	US	09/188246	6438708	
219700841	US02	219700841US02	Patent	US	10/147871	6523133	
219700841	JP01	219700841JP01	Patent	JP	H09-305198	03853941	
219700872	US02	219700872US02	Patent	US	09/493237	06121752	
219700873	US04	219700873US04	Patent	US	10/215019	06741227	
219700897	US01	219700897US01	Patent	US	09/308578	6496978	
219700897	US02	219700897US02	Patent	US	10/268721	07174537	
219700915	US01	219700915US01	Patent	US	09/136263	06285982	
219700921	US01	219700921US01	Patent	US	09/127959	6111630	
219700934	US01	219700934US01	Patent	US	09/130529	6606385	
219700936	US02	219700936US02	Patent	US	09/661804	6463022	
219700936	US03	219700936US03	Patent	US	09/121886	06243340	
219700936	US04	219700936US04	Patent	US	09/810405	06347068	
219700936	US05	219700936US05	Patent	US	10/022238	6788346	
219700936	CN01	219700936CN01	Patent	CN	98117919.3	Z198117919.3	
219700936	CN05	219700936CN05	Patent	CN	200610094672.9	ZL200610094672.9	
219700936	KR01	219700936KR01	Patent	KR	10-1998-0029389	10-0330422	
219700936	TW01	219700936TW01	Patent	TW	87112485	110359	
219700954	US01	219700954US01	Patent	US	09/135727	06549243	
219700954	US03	219700954US03	Patent	US	10/725456	07173674	
219700954	US04	219700954US04	Patent	US	11/024874	07436458	
219700954	US05	219700954US05	Patent	US	12/196640	7889281	
219700954	US06	219700954US06	Patent	US	13/022971	8345168	
219700954	US07	219700954US07	Patent	US	13/731215	8913197	
219700954	US08	219700954US08	Patent	US	14/571536	09532101	
219700975	JP01	219700975JP01	Patent	JP	H09-323035	03713136	
219701037	JP01	219701037JP01	Patent	JP	H10-110316	03652111	
219701040	US01	219701040US01	Patent	US	09/146347	06124979	
219701040	US02	219701040US02	Patent	US	09/626787	6299313	
219701040	US03	219701040US03	Patent	US	09/923371	6542308	
219701041	US01	219701041US01	Patent	US	09/144696	06404781	
219701041	US02	219701041US02	Patent	US	09/986090	07248607	
219701041	US03	219701041US03	Patent	US	09/986087	07317738	
219701041	DE01	219701041DE01	Patent	DE	69840188.3	0901276	
219701041	FR01	219701041FR01	Patent	FR	98306973.3	0901276	
219701041	GB01	219701041GB01	Patent	GB	98306973.3	0901276	
219701047	US02	219701047US02	Patent	US	10/073010	6826291	
219701047	DE01	219701047DE01	Patent	DE	69822950.9	00901274	
219701047	FR01	219701047FR01	Patent	FR	98116500.4	00901274	
219701047	GB01	219701047GB01	Patent	GB	98116500.4	00901274	
219701047	KR01	219701047KR01	Patent	KR	10-1998-0036048	10-0332033	
219701051	US01	219701051US01	Patent	US	09/090919	06397000	
219701051	US02	219701051US02	Patent	US	10/154958	6920279	
219701051	US03	219701051US03	Patent	US	11/110691	07197229	
219701051	JP01	219701051JP01	Patent	JP	H09-243667	03803843	
219701293	US01	219701293US01	Patent	US	09/199160	06108165	
219701294	JP01	219701294JP01	Patent	JP	H09-317970	03598773	
219701294	JP02	219701294JP02	Patent	JP	2003-320592	03783704	
219701294	JP03	219701294JP03	Patent	JP	2005-213604	04029894	
219701296	JP01	219701296JP01	Patent	JP	H09-306823	03882295	
219701296	JP02	219701296JP02	Patent	JP	2006-013329	03995017	
219701296	JP03	219701296JP03	Patent	JP	2007-154647	04192995	
219701299	US02	219701299US02	Patent	US	10/020989	07224886	
219701299	US03	219701299US03	Patent	US	10/336780	07333717	
219701299	US04	219701299US04	Patent	US	12/021699	8326129	
219701299	US05	219701299US05	Patent	US	13/693483	9240897	
219701299	CN01	219701299CN01	Patent	CN	98121535.1	Z198121535.1	
219701299	DE01	219701299DE01	Patent	DE	69835063.4	00912051	
219701299	FR01	219701299FR01	Patent	FR	98308590.3	00912051	
219701299	GB01	219701299GB01	Patent	GB	98308590.3	00912051	
219701299	JP01	219701299JP01	Patent	JP	H09-336796	04442936	
219701299	JP02	219701299JP02	Patent	JP	2007-096005	04049204	
219701299	KR01	219701299KR01	Patent	KR	10-1998-0044124	10-0415773	
219701299	MY01	219701299MY01	Patent	MY	'198004806	MY-125891-A	
219701299	NL01	219701299NL01	Patent	NL	98308590.3	00912051	
219701300	JP01	219701300JP01	Patent	JP	H09-296651	03780079	
219701300	JP04	219701300JP04	Patent	JP	2008-042327	04431617	
219701300	JP05	219701300JP05	Patent	JP	2008-122854	04431619	
219701300	JP06	219701300JP06	Patent	JP	2009-018972	04801746	
219701370	US01	219701370US01	Patent	US	09/168921	06256083	
219701370	US02	219701370US02	Patent	US	09/886151	6535267	
219701370	US03	219701370US03	Patent	US	10/337400	06829031	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
219701383	US01	219701383US01	Patent	US	09/170773	06231191	
219701383	US02	219701383US02	Patent	US	09/817027	6588910	
219701383	US03	219701383US03	Patent	US	10/442257	06682197	
219701383	US04	219701383US04	Patent	US	10/718551	06817720	
219701383	US05	219701383US05	Patent	US	10/960065	06908198	
219701383	JP01	219701383JP01	Patent	JP	H09-287453	03319996	
219701383	JP03	219701383JP03	Patent	JP	2004-132478	03627752	
219701384	JP01	219701384JP01	Patent	JP	H09-287454	03432723	
219701392	US01	219701392US01	Patent	US	09/160072	6417822	
219701392	CN01	219701392CN01	Patent	CN	98119409.5	ZL98119409.5	
219701392	JP01	219701392JP01	Patent	JP	H09-327644	03562274	
219701392	JP02	219701392JP02	Patent	JP	2003-353098	03656645	
219701392	KR01	219701392KR01	Patent	KR	10-1998-0040199	10-0337742	
219701400	JP01	219701400JP01	Patent	JP	H09-324926	02911861	
219701405	JP01	219701405JP01	Patent	JP	H10-113680	03615050	
219701424	US01	219701424US01	Patent	US	09/195900	06290360	
219701424	US02	219701424US02	Patent	US	09/791702	6783245	
219701424	US03	219701424US03	Patent	US	10/422952	06824273	
219701424	US04	219701424US04	Patent	US	10/972448	07152978	
219701424	KR01	219701424KR01	Patent	KR	10-1999-0004767	10-0363348	
219701424	TW01	219701424TW01	Patent	TW	88102205	196820	
219701427	US01	219701427US01	Patent	US	09/261179	06438358	
219701427	US02	219701427US02	Patent	US	09/886992	6850739	
219701427	US03	219701427US03	Patent	US	10/094710	06587673	
219701427	US04	219701427US04	Patent	US	10/256073	06725019	
219701427	US05	219701427US05	Patent	US	10/435557	06882830	
219701433	US01	219701433US01	Patent	US	09/201757	06453304	
219701433	US02	219701433US02	Patent	US	10/210107	6898578	
219701433	DE01	219701433DE01	Patent	DE	69823630.0	00924930	
219701433	FR01	219701433FR01	Patent	FR	98122525.3	00924930	
219701433	JP04	219701433JP04	Patent	JP	2008-234189	04686583	
219701433	JP05	219701433JP05	Patent	JP	2008-234190	04686584	
219701433	JP06	219701433JP06	Patent	JP	2009-284672	04686632	
219701433	JP07	219701433JP07	Patent	JP	2010-095609	04686641	
219701435	JP02	219701435JP02	Patent	JP	2002-269374	03959324	
219701435	JP03	219701435JP03	Patent	JP	2004-315006	03769572	
219701514	US01	219701514US01	Patent	US	09/231798	06850689	
219701514	US02	219701514US02	Patent	US	10/059340	06961509	
219701514	US03	219701514US03	Patent	US	10/617225	07327932	
219701514	US04	219701514US04	Patent	US	10/861419	07068914	
219701514	KR01	219701514KR01	Patent	KR	10-1999-0001132	10-0313692	
219701514	TW01	219701514TW01	Patent	TW	88100622	123702	
219701519	JP01	219701519JP01	Patent	JP	H10-034870	03591274	
219701519	JP03	219701519JP03	Patent	JP	2007-017253	04367491	
219701519	JP04	219701519JP04	Patent	JP	2009-107283	04484945	
219701519	JP05	219701519JP05	Patent	JP	2010-023711	04558100	
219701519	JP06	219701519JP06	Patent	JP	2010-023712	04729639	
219701519	JP07	219701519JP07	Patent	JP	2010-202605	04940341	
219701519	JP08	219701519JP08	Patent	JP	2010-202606	04940342	
219800015	JP01	219800015JP01	Patent	JP	H10-008285	03658964	
219800015	JP02	219800015JP02	Patent	JP	2005-022374	03738778	
219800016	JP01	219800016JP01	Patent	JP	H10-006305	03909137	
219800081	US01	219800081US01	Patent	US	09/299559	06652342	
219800081	KR01	219800081KR01	Patent	KR	10-1999-0014954	10-0289972	
219800083	US01	219800083US01	Patent	US	09/241614	06310654	
219800083	US02	219800083US02	Patent	US	09/984509	6452638	
219800083	US03	219800083US03	Patent	US	09/984508	6710817	
219800083	US04	219800083US04	Patent	US	10/761335	07375761	
219800083	US05	219800083US05	Patent	US	12/120472	7643089	
219800083	CN01	219800083CN01	Patent	CN	99103335.3	ZL99103335.3	
219800083	CN02	219800083CN02	Patent	CN	200410006849.6	ZL200410006849.6	
219800095	US01	219800095US01	Patent	US	09/245347	07257132	
219800095	US02	219800095US02	Patent	US	11/826412	8233504	
219800095	US03	219800095US03	Patent	US	13/428140	8856819	
219800095	US04	219800095US04	Patent	US	14/477901	09661363	
219800095	GB01	219800095GB01	Patent	GB	99300883.8	00939547	
219800097	JP01	219800097JP01	Patent	JP	H10-022917	03965239	
219800121	US01	219800121US01	Patent	US	09/352360	6625202	
219800122	US01	219800122US01	Patent	US	09/332446	6657666	
219800122	CN01	219800122CN01	Patent	CN	99108853.0	ZL99108853.0	
219800123	JP01	219800123JP01	Patent	JP	H10-035536	03651227	
219800200	US01	219800200US01	Patent	US	09/622565	6771324	
219800232	JP01	219800232JP01	Patent	JP	H10-101098	03686523	
219800232	JP02	219800232JP02	Patent	JP	2005-066510	03966339	
219800233	JP01	219800233JP01	Patent	JP	H10-062462	03694582	
219800233	JP02	219800233JP02	Patent	JP	2005-070236	03950894	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
219800233	JP03	219800233JP03	Patent	JP	2005-070237	03978214	
219800259	JP01	219800259JP01	Patent	JP	H10-151436	03497990	
219800293	US01	219800293US01	Patent	US	09/379471	06747410	
219800293	JP01	219800293JP01	Patent	JP	H10-240231	04011746	
219800293	KR01	219800293KR01	Patent	KR	10-1999-0035316	10-0349274	
219800342	JP02	219800342JP02	Patent	JP	2006-142227	04187009	
219800342	JP03	219800342JP03	Patent	JP	2008-200342	04597229	
219800342	JP04	219800342JP04	Patent	JP	2009-157414	04654307	
219800342	JP05	219800342JP05	Patent	JP	2010-228071	04742176	
219800342	JP06	219800342JP06	Patent	JP	2011-015929	05269114	
219800365	US01	219800365US01	Patent	US	09/290251	07117181	
219800365	US02	219800365US02	Patent	US	09/712970	06996545	
219800365	US03	219800365US03	Patent	US	11/515833	07356514	
219800365	CN01	219800365CN01	Patent	CN	99107683.4	Z199107683.4	
219800365	JP01	219800365JP01	Patent	JP	H10-102385	03890737	
219800365	JP03	219800365JP03	Patent	JP	2000-278663	03890871	
219800365	JP04	219800365JP04	Patent	JP	2006-238442	04207071	
219800390	JP01	219800390JP01	Patent	JP	H10-154602	03494888	
219800397	JP01	219800397JP01	Patent	JP	H10-187127	03863294	
219800402	JP01	219800402JP01	Patent	JP	H10-095688	03637766	
219800415	US01	219800415US01	Patent	US	09/352342	6584272	
219800415	JP01	219800415JP01	Patent	JP	H10-200043	03873463	
219800484	JP01	219800484JP01	Patent	JP	H10-149189	03909148	
219800484	JP02	219800484JP02	Patent	JP	2001-211518	03684340	
219800489	US01	219800489US01	Patent	US	09/446336	06394608	
219800489	US02	219800489US02	Patent	US	10/140122	06582083	
219800489	US03	219800489US03	Patent	US	10/463573	06779894	
219800489	US04	219800489US04	Patent	US	10/919288	06935750	
219800489	US05	219800489US05	Patent	US	11/181927	07128422	
219800489	US06	219800489US06	Patent	US	11/589096	07341354	
219800496	JP01	219800496JP01	Patent	JP	H10-261748	03712326	
219800496	JP02	219800496JP02	Patent	JP	2003-031835	04196691	
219800497	US01	219800497US01	Patent	US	09/327191	06201645	
219800497	US02	219800497US02	Patent	US	09/734164	06411440	
219800497	US03	219800497US03	Patent	US	09/793599	06392809	
219800497	US04	219800497US04	Patent	US	10/095567	06545812	
219800497	US05	219800497US05	Patent	US	10/166089	6567218	
219800497	US06	219800497US06	Patent	US	10/419186	06741396	
219800497	US07	219800497US07	Patent	US	10/822656	06963453	
219800497	US08	219800497US08	Patent	US	11/233056	07106518	
219800497	US09	219800497US09	Patent	US	11/492089	07327520	
219800497	JP01	219800497JP01	Patent	JP	H10-158788	03659000	
219800497	KR01	219800497KR01	Patent	KR	10-1999-0020403	10-0353321	
219800497	TW01	219800497TW01	Patent	TW	88109439	144283	
219800501	JP01	219800501JP01	Patent	JP	H10-161789	03687351	
219800502	JP01	219800502JP01	Patent	JP	H10-189368	03828289	
219800503	US01	219800503US01	Patent	US	09/347454	06280038	
219800503	US02	219800503US02	Patent	US	09/911806	06431710	
219800503	US03	219800503US03	Patent	US	10/109663	06857749	
219800503	US04	219800503US04	Patent	US	11/055482	07021768	
219800503	US05	219800503US05	Patent	US	11/385744	07175284	
219800503	US06	219800503US06	Patent	US	11/699421	07441904	
219800503	US07	219800503US07	Patent	US	12/289018	7832871	
219800503	JP01	219800503JP01	Patent	JP	H10-189372	04006833	
219800503	JP03	219800503JP03	Patent	JP	2006-306133	04067029	
219800503	KR01	219800503KR01	Patent	KR	10-1999-0025546	10-0343911	
219800503	KR02	219800503KR02	Patent	KR	10-2001-0042551	10-0352751	
219800503	TW01	219800503TW01	Patent	TW	88110354	158179	
219800513	JP01	219800513JP01	Patent	JP	H10-200027	04192297	
219800513	JP02	219800513JP02	Patent	JP	2007-198301	04215112	
219800513	JP03	219800513JP03	Patent	JP	2008-200340	04379533	
219800513	JP04	219800513JP04	Patent	JP	2009-095532	04947088	
219800513	JP05	219800513JP05	Patent	JP	2010-012751	05110096	
219800566	US01	219800566US01	Patent	US	09/361233	06404411	
219800566	CN01	219800566CN01	Patent	CN	99111938.X	Z199111938.X	
219800566	KR01	219800566KR01	Patent	KR	10-1999-0030159	10-0517259	
219800566	TW01	219800566TW01	Patent	TW	88112129	175813	
219800593	US01	219800593US01	Patent	US	09/362041	6839851	
219800593	US02	219800593US02	Patent	US	10/976924	07472415	
219800593	US03	219800593US03	Patent	US	12/247657	8042175	
219800593	CN01	219800593CN01	Patent	CN	99110724.1	Z199110724.1	
219800593	CN02	219800593CN02	Patent	CN	03136887.5	Z103136887.5	
219800593	CN03	219800593CN03	Patent	CN	200510127025.9	Z1200510127025.9	
219800593	DE02	219800593DE02	Patent	DE	69944760.7	1881706	
219800593	FR02	219800593FR02	Patent	FR	07020133.0	1881706	
219800593	GB02	219800593GB02	Patent	GB	07020133.0	1881706	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
219800593	JP01	219800593JP01	Patent	JP	H10-212273	03951464	
219800593	JP02	219800593JP02	Patent	JP	2006-200194	04663601	
219800593	JP03	219800593JP03	Patent	JP	2009-041668	04790825	
219800593	JP04	219800593JP04	Patent	JP	2011-022254	04792543	
219800593	JP05	219800593JP05	Patent	JP	2011-022255	04920112	
219800593	KR01	219800593KR01	Patent	KR	10-1999-0030504	10-0331194	
219800593	MY01	219800593MY01	Patent	MY	'199003146	MY-124421-A	
219800593	SG01	219800593SG01	Patent	SG	9903639-4	97799	
219800598	US01	219800598US01	Patent	US	09/435781	06697687	
219800609	US01	219800609US01	Patent	US	09/378766	6504826	
219800628	JP01	219800628JP01	Patent	JP	H10-222636	03906574	
219800633	US01	219800633US01	Patent	US	09/433049	6816491	
219800633	US02	219800633US02	Patent	US	10/945905	07447241	
219800633	US03	219800633US03	Patent	US	12/235942	8098695	
219800702	JP01	219800702JP01	Patent	JP	H10-366332	03551800	
219800708	JP01	219800708JP01	Patent	JP	H10-277605	04340342	
219800785	JP01	219800785JP01	Patent	JP	H10-303915	03817375	
219800785	JP02	219800785JP02	Patent	JP	2006-130025	03904589	
219800795	JP01	219800795JP01	Patent	JP	H10-280662	04240603	
219800803	JP01	219800803JP01	Patent	JP	H10-326870	03850566	
219800840	JP01	219800840JP01	Patent	JP	H10-275828	03930981	
219800840	JP02	219800840JP02	Patent	JP	2003-206640	04534443	
219800840	JP03	219800840JP03	Patent	JP	2010-107859	05223882	
219800848	JP01	219800848JP01	Patent	JP	H10-362854	03947316	
219800853	US01	219800853US01	Patent	US	09/451915	07154539	
219800853	JP01	219800853JP01	Patent	JP	H10-343353	03932006	
219800883	US01	219800883US01	Patent	US	09/410056	6895393	
219800940	JP01	219800940JP01	Patent	JP	H10-371013	03630576	
219800948	US01	219800948US01	Patent	US	09/554440	6765543	
219800948	KR01	219800948KR01	Patent	KR	10-2000-7005161	10-0373668	
219800954	JP01	219800954JP01	Patent	JP	H10-298330	03722628	
219800957	JP01	219800957JP01	Patent	JP	H11-049646	03752874	
219800984	JP01	219800984JP01	Patent	JP	H11-007443	03529652	
219800987	JP01	219800987JP01	Patent	JP	H11-002701	03997453	
219800993	US02	219800993US02	Patent	US	C'A1/09/412578	06728031	
219800993	US03	219800993US03	Patent	US	10/827338	07023616	
219800993	US04	219800993US04	Patent	US	11/325521	07221507	
219800993	US05	219800993US05	Patent	US	11/802125	07460300	
219800993	JP01	219800993JP01	Patent	JP	H10-282261	03531494	
219800993	JP02	219800993JP02	Patent	JP	2003-205240	03659253	
219800993	JP03	219800993JP03	Patent	JP	2004-011311	03912380	
219800993	JP04	219800993JP04	Patent	JP	2006-335253	04007407	
219801009	US01	219801009US01	Patent	US	09/427628	06697563	
219801009	CN01	219801009CN01	Patent	CN	99123932.6	Z199123932.6	
219801009	DE01	219801009DE01	Patent	DE	69926855.9	01005043	
219801009	FR01	219801009FR01	Patent	FR	99120857.0	01005043	
219801009	GB01	219801009GB01	Patent	GB	99120857.0	01005043	
219801009	JP01	219801009JP01	Patent	JP	H10-306644	03736146	
219801009	JP02	219801009JP02	Patent	JP	2005-119152	04186949	
219801009	JP03	219801009JP03	Patent	JP	2008-191620	04697273	
219801009	JP04	219801009JP04	Patent	JP	2010-233196	05170205	
219801009	KR01	219801009KR01	Patent	KR	10-1999-0046762	10-0331412	
219801009	TH01	219801009TH01	Patent	TH	9901004004	33607	
219801009	TW01	219801009TW01	Patent	TW	88118590	140637	
219801019	US01	219801019US01	Patent	US	09/436502	06408193	
219801019	US02	219801019US02	Patent	US	10/142051	06973334	
219801019	US03	219801019US03	Patent	US	10/246413	6917823	
219801019	KR01	219801019KR01	Patent	KR	10-1999-0048486	10-0357337	
219801032	JP01	219801032JP01	Patent	JP	H10-345138	03884874	
219801032	JP03	219801032JP03	Patent	JP	2006-287113	04366391	
219801032	JP04	219801032JP04	Patent	JP	2009-164358	04565046	
219801032	JP05	219801032JP05	Patent	JP	2010-088260	04901970	
219801060	JP01	219801060JP01	Patent	JP	H11-010170	03835034	
219801060	JP02	219801060JP02	Patent	JP	2006-161776	04360382	
219801060	JP03	219801060JP03	Patent	JP	2007-116310	04474434	
219801060	JP04	219801060JP04	Patent	JP	2007-175746	04474442	
219801060	JP05	219801060JP05	Patent	JP	2009-255679	04790841	
219801060	JP06	219801060JP06	Patent	JP	2011-118632	05066275	
219801060	JP07	219801060JP07	Patent	JP	2011-118633	05143257	
219900009	JP01	219900009JP01	Patent	JP	H11-018235	04294141	
219900020	US01	219900020US01	Patent	US	09/484525	06573950	
219900020	US04	219900020US04	Patent	US	10/978528	07081927	
219900020	JP02	219900020JP02	Patent	JP	2003-408407	03912370	
219900020	JP03	219900020JP03	Patent	JP	2006-230010	04466626	
219900020	JP04	219900020JP04	Patent	JP	2006-230009	04039448	
219900041	JP01	219900041JP01	Patent	JP	H11-153362	04249330	



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
21990067	DE01	21990067DE01	Patent	DE	60041297.0	1033872	
21990067	ES01	21990067ES01	Patent	ES	00301525.2	1033872	
21990067	FR01	21990067FR01	Patent	FR	00301525.2	1033872	
21990067	GB01	21990067GB01	Patent	GB	00301525.2	1033872	
21990067	NL01	21990067NL01	Patent	NL	00301525.2	1033872	
21990067	SE01	21990067SE01	Patent	SE	00301525.2	1033872	
21990071	US02	21990071US02	Patent	US	10/028424	06595645	
21990071	US03	21990071US03	Patent	US	10/615906	06796660	
21990071	KR01	21990071KR01	Patent	KR	10-1999-0039174	10-0323568	
21990071	TW01	21990071TW01	Patent	TW	88116021	191944	
21990074	JP03	21990074JP03	Patent	JP	2009-288672	04914485	
21990093	JP02	21990093JP02	Patent	JP	2008-098865	04484935	
21990093	JP03	21990093JP03	Patent	JP	2010-022661	05174838	
21990093	JP04	21990093JP04	Patent	JP	2010-022662	05174839	
21990098	US01	21990098US01	Patent	US	10/018270	06856254	
21990098	JP01	21990098JP01	Patent	JP	2000-619165	04221902	
219900115	JP01	219900115JP01	Patent	JP	H11-091262	03909165	
219900130	JP01	219900130JP01	Patent	JP	H11-044124	03903631	
219900157	JP01	219900157JP01	Patent	JP	H11-141020	03884881	
219900157	JP02	219900157JP02	Patent	JP	2006-016019	04414969	
219900157	JP03	219900157JP03	Patent	JP	2009-163357	04791567	
219900170	US01	219900170US01	Patent	US	09/528491	07349623	
219900170	US02	219900170US02	Patent	US	10/939209	7903930	
219900170	US03	219900170US03	Patent	US	10/938224	7835617	
219900170	JP03	219900170JP03	Patent	JP	2004-201274	04297002	
219900170	JP04	219900170JP04	Patent	JP	2009-001241	05156651	
219900170	JP05	219900170JP05	Patent	JP	2010-281140	05218542	
219900295	JP01	219900295JP01	Patent	JP	H11-229047	03652176	
219900295	JP02	219900295JP02	Patent	JP	2004-336858	04470706	
219900302	JP04	219900302JP04	Patent	JP	2008-310417	05119137	
219900302	JP05	219900302JP05	Patent	JP	2011-125938	05277286	
219900305	JP01	219900305JP01	Patent	JP	H11-175047	04281155	
219900307	JP01	219900307JP01	Patent	JP	H11-294958	03652190	
219900309	JP01	219900309JP01	Patent	JP	H11-198884	04372270	
219900309	JP02	219900309JP02	Patent	JP	2009-026865	04844637	
219900327	JP01	219900327JP01	Patent	JP	H11-248566	03797828	
219900370	JP01	219900370JP01	Patent	JP	H11-217939	03795266	
219900386	JP01	219900386JP01	Patent	JP	H11-259482	03767269	
219900386	JP02	219900386JP02	Patent	JP	2005-364210	04466557	
219900406	JP01	219900406JP01	Patent	JP	H11-100977	03731379	
219900406	JP02	219900406JP02	Patent	JP	2005-113000	03838265	
219900451	US01	219900451US01	Patent	US	09/392564	6882728	
219900451	US02	219900451US02	Patent	US	10/959081	07336786	
219900458	US01	219900458US01	Patent	US	09/571656	6804453	
219900458	US02	219900458US02	Patent	US	10/928242	7689100	
219900458	DE01	219900458DE01	Patent	DE	60049032.7	01052850	
219900458	FR01	219900458FR01	Patent	FR	00304026.8	01052850	
219900458	GB01	219900458GB01	Patent	GB	00304026.8	01052850	
219900465	JP01	219900465JP01	Patent	JP	H11-139689	04441946	
219900530	JP01	219900530JP01	Patent	JP	H11-228233	03620360	
219900536	JP01	219900536JP01	Patent	JP	H11-175052	03914660	
219900536	JP02	219900536JP02	Patent	JP	2006-252034	05033382	
219900536	JP03	219900536JP03	Patent	JP	2010-024995	05011404	
219900541	JP01	219900541JP01	Patent	JP	H11-175054	03817973	
219900551	JP02	219900551JP02	Patent	JP	2008-015744	04428450	
219900551	JP03	219900551JP03	Patent	JP	2008-015743	04259601	
219900551	JP04	219900551JP04	Patent	JP	2008-320410	04844624	
219900556	JP01	219900556JP01	Patent	JP	H11-241148	03857469	
219900559	JP01	219900559JP01	Patent	JP	H11-208879	04299922	
219900568	US01	219900568US01	Patent	US	09/399086	6771893	
219900568	KR01	219900568KR01	Patent	KR	10-2000-0007237	10-0372983	
219900610	JP01	219900610JP01	Patent	JP	H11-214630	04438131	
219900610	JP02	219900610JP02	Patent	JP	2009-139750	05146410	
219900629	JP01	219900629JP01	Patent	JP	H11-233446	03837974	
219900629	JP02	219900629JP02	Patent	JP	2006-084461	04201010	
219900629	JP03	219900629JP03	Patent	JP	2008-145262	04645687	
219900637	US01	219900637US01	Patent	US	09/446338	06424795	
219900637	US02	219900637US02	Patent	US	10/191551	07457529	
219900637	US03	219900637US03	Patent	US	10/191113	06754440	
219900637	US04	219900637US04	Patent	US	10/191504	06856760	
219900637	US05	219900637US05	Patent	US	10/879101	07295767	
219900637	US06	219900637US06	Patent	US	12/124229	7995897	
219900637	US07	219900637US07	Patent	US	13/192935	8417088	
219900637	US08	219900637US08	Patent	US	13/859334	09451229	
219900637	US09	219900637US09	Patent	US	15/251089		
219900637	JP01	219900637JP01	Patent	JP	2001-508164	03551181	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
219900637	JP02	219900637JP02	Patent	JP	2003-323906	03632703	
219900637	JP03	219900637JP03	Patent	JP	2004-297113	04424146	
219900637	JP04	219900637JP04	Patent	JP	2004-297114	04812277	
219900637	JP05	219900637JP05	Patent	JP	2009-021098	04883100	
219900649	JP01	219900649JP01	Patent	JP	H11-274853	03692859	
219900651	US01	219900651US01	Patent	US	09/659559	06687305	
219900651	US02	219900651US02	Patent	US	10/762323	07433411	
219900652	JP01	219900652JP01	Patent	JP	H11-349173	03732696	
219900662	JP01	219900662JP01	Patent	JP	H11-273347	04022344	
219900721	JP01	219900721JP01	Patent	JP	2000-030680	04115061	
219900744	US01	219900744US01	Patent	US	09/522366	6509931	
219900744	JP01	219900744JP01	Patent	JP	2000-006061	03890177	
219900750	JP01	219900750JP01	Patent	JP	H11-263151	03757701	
219900750	JP02	219900750JP02	Patent	JP	2005-164963	04135001	
219900770	JP01	219900770JP01	Patent	JP	H11-289143	03909175	
219900891	JP01	219900891JP01	Patent	JP	2000-024686	03843682	
219900903	JP01	219900903JP01	Patent	JP	H11-309566	03524448	
219900906	JP01	219900906JP01	Patent	JP	H11-365130	03614334	
219900972	JP01	219900972JP01	Patent	JP	H11-342489	03785010	
219900972	JP02	219900972JP02	Patent	JP	2004-249428	04424118	
219900977	US01	219900977US01	Patent	US	09/757802	07340153	
219900979	US01	219900979US01	Patent	US	09/645962	06816444	
219900979	US02	219900979US02	Patent	US	10/951561	07196986	
219900981	JP01	219900981JP01	Patent	JP	2000-067140	03799941	
219900981	JP02	219900981JP02	Patent	JP	2006-057088	04625778	
219901013	JP01	219901013JP01	Patent	JP	H11-306416	03848805	
219901013	JP02	219901013JP02	Patent	JP	2005-229012	04393435	
219901023	US01	219901023US01	Patent	US	09/520836	6765616	
219901023	US02	219901023US02	Patent	US	10/660711	07403226	
219901023	US03	219901023US03	Patent	US	10/660710	8059177	
219901023	US04	219901023US04	Patent	US	12/845266	8339493	
219901023	US05	219901023US05	Patent	US	13/681495	8736729	
219901023	US06	219901023US06	Patent	US	14/264243	9100604	
219901023	US07	219901023US07	Patent	US	14/661227	09544517	
219901023	US08	219901023US08	Patent	US	15/386656		
219901023	JP01	219901023JP01	Patent	JP	2000-006064	03991543	
219901029	JP01	219901029JP01	Patent	JP	2000-014016	03858548	
219901030	JP01	219901030JP01	Patent	JP	2000-014122	03857484	
219901038	JP01	219901038JP01	Patent	JP	H11-329215	03780780	
219901038	JP02	219901038JP02	Patent	JP	2005-229011	04400530	
219901038	JP03	219901038JP03	Patent	JP	2009-135685	04797088	
219901064	JP01	219901064JP01	Patent	JP	2000-175550	03780150	
219901066	JP01	219901066JP01	Patent	JP	H11-351114	04585641	
219901083	JP04	219901083JP04	Patent	JP	2010-244913	04893852	
219901131	US02	219901131US02	Patent	US	11/016161	9032438	
219901131	CN01	219901131CN01	Patent	CN	00132376.8	ZL00132376.8	
219901131	CN02	219901131CN02	Patent	CN	200510005818.3	ZL200510005818.3	
219901131	CN03	219901131CN03	Patent	CN	200610093281.5	ZL200610093281.5	
219901131	JP03	219901131JP03	Patent	JP	2008-029874	04769825	
219901131	JP04	219901131JP04	Patent	JP	2009-261444	05023136	
230000323	FR01	230000323FR01	Design	FR	011014	00011014	
230000323	GB01	230000323GB01	Design	GB	2099436	02099436	
230200063	US01	230200063US01	Design	US	29/162620	477294	
230200265	US01	230200265US01	Design	US	29/175266	490422	
230200302	US01	230200302US01	Design	US	29/177002	505438	
230300055	US01	230300055US01	Design	US	29/185409	503695	
230300277	US01	230300277US01	Design	US	29/208231	00513410	
230300279	US01	230300279US01	Design	US	29/208223	00519091	
230400215	US01	230400215US01	Design	US	29/218114	00517064	
230500075	JP01	230500075JP01	Design	JP	2005-008943	01253472	
230500266	US01	230500266US01	Design	US	29/253905	00557302	
230600002	JP01	230600002JP01	Design	JP	2006-001954	01313314	
230600006	JP01	230600006JP01	Design	JP	2006-001955	01313521	
230600122	US01	230600122US01	Design	US	29/266559	00555185	
230600122	JP01	230600122JP01	Design	JP	2006-015866	01350837	
230600146	US01	230600146US01	Design	US	29/276573	00561802	
230600186	US01	230600186US01	Design	US	29/276944	00565071	
230600219	US01	230600219US01	Design	US	29/270029	600661	
230600281	US01	230600281US01	Design	US	29/280440	00584703	
230600281	EM01	230600281EM01	Design	EM	000716246-0001	000716246-0001	
230700024	US01	230700024US01	Design	US	29/280439	00575811	
230700024	EM01	230700024EM01	Design	EM	000722996-0001	000722996-0001	
230700024	JP01	230700024JP01	Design	JP	2007-006133	01313456	
230700028	JP01	230700028JP01	Design	JP	2007-008130	01327775	
230700029	JP01	230700029JP01	Design	JP	2007-008131	01332566	
230750088	US01	230750088US01	Design	US	29/304376	00585035	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
230750088	CN01	230750088CN01	Design	CN	200830006177.8	ZL200830006177.8	
230750088	EM01	230750088EM01	Design	EM	000883640-0001	000883640-0001	
230750144	CN01	230750144CN01	Design	CN	200830008619.2	ZL200830008619.2	
230750155	JP01	230750155JP01	Design	JP	2007-031536	01343200	
230750156	JP01	230750156JP01	Design	JP	2007-031537	01346524	
230750157	JP01	230750157JP01	Design	JP	2007-031538	01346525	
230850036	JP01	230850036JP01	Design	JP	2008-008074	01343272	
230850089	CN01	230850089CN01	Design	CN	200830128660.3	ZL200830128660.3	
230850089	JP01	230850089JP01	Design	JP	2008-010874	01355379	
230850099	JP01	230850099JP01	Design	JP	2008-012401	01355383	
230850107	JP01	230850107JP01	Design	JP	2008-015631	01354564	
230850199	CN01	230850199CN01	Design	CN	200930003133.4	ZL200930003133.4	
230950092	US01	230950092US01	Design	US	29/351039	627387	
230950092	CN01	230950092CN01	Design	CN	200930286232.8	ZL200930286232.8	
230950092	EM01	230950092EM01	Design	EM	001636846-0001	001636846-0001	
230950092	JP01	230950092JP01	Design	JP	2009-013375	01379787	
230950093	US01	230950093US01	Design	US	29/351033	627386	
230950093	CN01	230950093CN01	Design	CN	200930286233.2	ZL200930286233.2	
230950093	EM01	230950093EM01	Design	EM	001636846-0002	001636846-0002	
230950093	JP01	230950093JP01	Design	JP	2009-013376	01379788	
230950094	JP01	230950094JP01	Design	JP	2009-013377	01379789	
230950095	JP01	230950095JP01	Design	JP	2009-013378	01379790	
230960033	JP01	230960033JP01	Design	JP	2009-002959	01373974	
230960039	US01	230960039US01	Design	US	29/344516	630667	
230960039	CN01	230960039CN01	Design	CN	200930194616.7	ZL200930194616.7	
230960039	EM01	230960039EM01	Design	EM	001600172-0001	001600172-0001	
230960039	JP01	230960039JP01	Design	JP	2009-008203	01374427	
230960039	KR01	230960039KR01	Design	KR	30-2009-0036149	30-0579031-00-00	
230960039	TW01	230960039TW01	Design	TW	098303984	'137653	
230960051	US01	230960051US01	Design	US	29/344523	630237	
230960051	CN01	230960051CN01	Design	CN	200930194617.1	ZL200930194617.1	
230960051	EM01	230960051EM01	Design	EM	001600172-0002	001600172-0002	
230960051	JP01	230960051JP01	Design	JP	2009-011977	01374436	
230960051	KR01	230960051KR01	Design	KR	30-2009-0036150	30-0579020-00-00	
230960051	TW01	230960051TW01	Design	TW	098303985	'137654	
231050010	US01	231050010US01	Design	US	29/366709	636426	
231050010	CN01	231050010CN01	Design	CN	201030263465.9	ZL201030263465.9	
231050010	EM01	231050010EM01	Design	EM	001739418-0001	001739418-0001	
231050010	JP01	231050010JP01	Design	JP	2010-003472	01393818	
231050013	JP01	231050013JP01	Design	JP	2010-002085	01398035	
231050024	JP01	231050024JP01	Design	JP	2010-002787	01431436	
231050025	JP01	231050025JP01	Design	JP	2010-002788	01403417	
231050026	JP01	231050026JP01	Design	JP	2010-002789	01403418	
231050117	US01	231050117US01	Design	US	29/375488	650822	
231050117	CN01	231050117CN01	Design	CN	201030553188.5	ZL201030553188.5	
231050117	EM01	231050117EM01	Design	EM	001758129-0001	001758129-0001	
231050117	JP01	231050117JP01	Design	JP	2010-013706	01407473	
231050122	US01	231050122US01	Design	US	29/375489	639330	
231050122	CN01	231050122CN01	Design	CN	201030608818.4	ZL201030608818.4	
231050122	EM01	231050122EM01	Design	EM	001739418-0002	001739418-0002	
231050122	JP01	231050122JP01	Design	JP	2010-013833	01401933	
231050123	US01	231050123US01	Design	US	29/375490	639331	
231050123	CN01	231050123CN01	Design	CN	201030608829.2	ZL201030608829.2	
231050123	EM01	231050123EM01	Design	EM	001739418-0003	001739418-0003	
231050123	JP01	231050123JP01	Design	JP	2010-013834	01412725	
231050126	JP01	231050126JP01	Design	JP	2010-013838	01401935	
231050197	JP01	231050197JP01	Design	JP	2010-023182	01413306	
231060016	US01	231060016US01	Design	US	29/375487	650823	
231060016	CN01	231060016CN01	Design	CN	201030543750.6	ZL201030543750.6	
231060016	JP01	231060016JP01	Design	JP	2010-009071	01404827	
231060016	TW01	231060016TW01	Design	TW	099304960	'141838	
231060026	US01	231060026US01	Design	US	29/380282	647931	
231060026	CN01	231060026CN01	Design	CN	201030644262.4	ZL201030644262.4	
231060026	EM01	231060026EM01	Design	EM	001784273-0001	001784273-0001	
231060026	JP01	231060026JP01	Design	JP	2010-013839	01407474	
231060027	US01	231060027US01	Design	US	29/380278	645068	
231060027	CN01	231060027CN01	Design	CN	201030644262.4-2	ZL201030644262.4-2	
231060027	EM01	231060027EM01	Design	EM	001784273-0002	001784273-0002	
231060027	JP01	231060027JP01	Design	JP	2010-013840	01407597	
231060028	US01	231060028US01	Design	US	29/380273	639076	
231060028	CN01	231060028CN01	Design	CN	201030644264.3	ZL201030644264.3	
231060028	EM01	231060028EM01	Design	EM	001784331-0001	001784331-0001	
231060028	JP01	231060028JP01	Design	JP	2010-013841	01401936	
231060029	JP01	231060029JP01	Design	JP	2010-013835	01401934	
231060030	JP01	231060030JP01	Design	JP	2010-013842	01407475	
231060032	CN01	231060032CN01	Design	CN	201030209457.6	ZL201030209457.6	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
231060033	CN01	231060033CN01	Design	CN	201030209449.1	ZL201030209449.1	
231060034	US01	231060034US01	Design	US	29/380259	653689	
231060034	CN01	231060034CN01	Design	CN	201030652268.6	ZL201030652268.6	
231060034	JP01	231060034JP01	Design	JP	2010-013836	01404853	
231060034	TW01	231060034TW01	Design	TW	099306047	'142685	
231060035	US01	231060035US01	Design	US	29/380269	650824	
231060035	CN01	231060035CN01	Design	CN	201030652260.X	ZL201030652260.X	
231060035	JP01	231060035JP01	Design	JP	2010-013837	01404854	
231060035	TW01	231060035TW01	Design	TW	099306049	'142686	
231060037	CN01	231060037CN01	Design	CN	201030644267.7	ZL201030644267.7	
231060037	JP01	231060037JP01	Design	JP	2010-013843	01401937	
231150118	US01	231150118US01	Design	US	29/412897	678382	
231150118	CN01	231150118CN01	Design	CN	201230034902.9	ZL201230034902.9	
231150118	JP01	231150118JP01	Design	JP	2011-018952	01450305	
231150119	JP01	231150119JP01	Design	JP	2011-018953	01446779	
231150120	JP01	231150120JP01	Design	JP	2011-018954	01446780	
231150121	JP01	231150121JP01	Design	JP	2011-018955	01446781	
231150122	JP01	231150122JP01	Design	JP	2011-018956	01446782	
231150123	JP01	231150123JP01	Design	JP	2011-018957	01446783	
231150124	JP01	231150124JP01	Design	JP	2011-018958	01446784	
231150125	CN01	231150125CN01	Design	CN	201230034902.9-1	ZL201230034902.9-1	
231150125	JP01	231150125JP01	Design	JP	2011-018960	01450306	
231150126	CN01	231150126CN01	Design	CN	201230034902.9-2	ZL201230034902.9-2	
231150126	JP01	231150126JP01	Design	JP	2011-018959	01450011	
231150155	US01	231150155US01	Design	US	29/412898	680150	
231150155	CN01	231150155CN01	Design	CN	201230034894.8	ZL201230034894.8	
231150155	JP01	231150155JP01	Design	JP	2011-022095	01446796	
231150202	JP01	231150202JP01	Design	JP	2012-000949	01447909	
231150203	JP01	231150203JP01	Design	JP	2012-000950	01450255	
231150204	JP01	231150204JP01	Design	JP	2012-000951	01447910	
231150205	US01	231150205US01	Design	US	29/425243	692473	
231150205	CN01	231150205CN01	Design	CN	201230310393.8	ZL201230310393.8	
231150205	EM01	231150205EM01	Design	EM	001330005-0001	001330005-0001	
231150205	JP01	231150205JP01	Design	JP	2012-000952	01447911	
231160090	US01	231160090US01	Design	US	29/414914	701259	
231160090	CN01	231160090CN01	Design	CN	201230081320.6	ZL201230081320.6	
231160090	JP01	231160090JP01	Design	JP	2011-022664	01445375	
231250005	US01	231250005US01	Design	US	29/425246	691648	
231250005	CN01	231250005CN01	Design	CN	201230310384.9	ZL201230310384.9	
231250005	EM01	231250005EM01	Design	EM	001329999-0001	001329999-0001	
231250005	JP01	231250005JP01	Design	JP	2012-001750	01449743	
231250006	JP01	231250006JP01	Design	JP	2012-001751	01446833	
231250007	JP01	231250007JP01	Design	JP	2012-001752	01449909	
231250064	US01	231250064US01	Design	US	29/425248	698382	
231250064	CN01	231250064CN01	Design	CN	201230310382.X	ZL201230310382.X	
231250064	JP01	231250064JP01	Design	JP	2012-007309	01453555	
231250088	US01	231250088US01	Design	US	29/425249	683782	
231250088	CN01	231250088CN01	Design	CN	201230310391.9	ZL201230310391.9	
231250088	EM01	231250088EM01	Design	EM	001329999-0002	001329999-0002	
231250088	JP01	231250088JP01	Design	JP	2012-009272	01465376	
231250211	JP01	231250211JP01	Design	JP	2012-027399	01473856	
231250212	JP01	231250212JP01	Design	JP	2012-027400	01473929	
231350021	US01	231350021US01	Design	US	29/451790	718802	
231350021	CN01	231350021CN01	Design	CN	201330104645.6	ZL201330104645.6	
231350026	US01	231350026US01	Design	US	29/467778	722636	
231350026	CN01	231350026CN01	Design	CN	201330462264.5	ZL201330462264.5	
231350026	EM01	231350026EM01	Design	EM	002314427-0001	002314427-0001	
231350026	JP01	231350026JP01	Design	JP	2013-006828	01486135	
231350062	JP01	231350062JP01	Design	JP	2013-011119	01482767	
231350063	JP01	231350063JP01	Design	JP	2013-011120	01482768	
231350133	US01	231350133US01	Design	US	29/492312	734383	
231350133	CN01	231350133CN01	Design	CN	201430159279.9	ZL201430159279.9	
231350133	EM01	231350133EM01	Design	EM	002471433-0001	002471433-0001	
231350133	JP01	231350133JP01	Design	JP	2013-021123	01499455	
231350134	JP01	231350134JP01	Design	JP	2013-021124	01500559	
231350135	JP01	231350135JP01	Design	JP	2013-021125	01499456	
231360021	US01	231360021US01	Design	US	29/479430	728000	
231360021	CN01	231360021CN01	Design	CN	201430011327.X	ZL201430011327.X	
231360021	EM01	231360021EM01	Design	EM	002380907-0001	002380907-0001	
231360021	JP01	231360021JP01	Design	JP	2013-017530	01493308	
231450002	US01	231450002US01	Design	US	29/495971	744576	
231450002	CN01	231450002CN01	Design	CN	201430265717.X	ZL201430265717.X	
231450002	EM01	231450002EM01	Design	EM	002498758-0001	002498758-0001	
231450002	JP01	231450002JP01	Design	JP	2014-001934	01512931	
231450003	JP01	231450003JP01	Design	JP	2014-001935	01513079	
231450005	JP01	231450005JP01	Design	JP	2014-001936	01512932	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
231450046	JP01	231450046JP01	Design	JP	2014-007685	01513082	
231460022	US01	231460022US01	Design	US	29/499468	738424	
231460022	CN01	231460022CN01	Design	CN	201430301098.5	ZL201430301098.5	
231460022	EM01	231460022EM01	Design	EM	002514844-0001	002514844-0001	
231460022	JP01	231460022JP01	Design	JP	2014-010566	01513215	
231460023	JP01	231460023JP01	Design	JP	2014-010567	01513216	
231460024	JP01	231460024JP01	Design	JP	2014-010568	01513217	
231550058	JP01	231550058JP01	Design	JP	2015-012957	01537558	
231550059	JP01	231550059JP01	Design	JP	2015-012958	01537559	
231550106	US01	231550106US01	Design	US	29/554591	788204	
231550106	CN01	231550106CN01	Design	CN	201630036505.3	ZL201630036505.3	
231550106	JP01	231550106JP01	Design	JP	2015-020826	01547157	
231550107	US01	231550107US01	Design	US	29/554596	789437	
231550107	CN01	231550107CN01	Design	CN	201630036505.3-2	ZL201630036505.3	
231550107	JP01	231550107JP01	Design	JP	2015-020827	01547338	
231590001	US01	231590001US01	Design	US	29/534218		
231590001	CN01	231590001CN01	Design	CN	201530270311.5	ZL201530270311.5	
231590001	EM01	231590001EM01	Design	EM	002730499-0001	002730499-0001	
231590001	JP01	231590001JP01	Design	JP	2015-001616	01524883	
231590002	JP01	231590002JP01	Design	JP	2015-001617	01525257	
231590003	US01	231590003US01	Design	US	29/534215		
231590003	CN01	231590003CN01	Design	CN	201530270311.5	ZL201530270311.5	
231590003	EM01	231590003EM01	Design	EM	002730499-0002	002730499-0002	
231590003	JP01	231590003JP01	Design	JP	2015-001618	01525258	
231590004	US01	231590004US01	Design	US	29/534210		
231590004	CN01	231590004CN01	Design	CN	201530269856.4	ZL201530269856.4	
231590004	EM01	231590004EM01	Design	EM	002730507-0001	002730507-0001	
231590004	JP01	231590004JP01	Design	JP	2015-002374	01537525	
231590005	US01	231590005US01	Design	US	29/534209		
231590005	CN01	231590005CN01	Design	CN	201530269856.4	ZL201530269856.4	
231590005	EM01	231590005EM01	Design	EM	002730507-0002	002730507-0002	
231590005	JP01	231590005JP01	Design	JP	2015-002375	01537652	
231650002	JP01	231650002JP01	Design	JP	2016-002624	01554178	
231650005	JP01	231650005JP01	Design	JP	2016-005906	01566569	
231650029	US01	231650029US01	Design	US	29/584822		
231650029	CN01	231650029CN01	Design	CN	201630556792.0	ZL201630556792.0	
231650029	EM01	231650029EM01	Design	EM	003455377-0001	003455377-0001	
231650029	JP01	231650029JP01	Design	JP	2016-011894	01567081	
231650088	US01	231650088US01	Design	US	29/601539		
231650088	CN01	231650088CN01	Design	CN	201730142821.3		
231650088	EM01	231650088EM01	Design	EM	003870252-0001	003870252-0001	
231650088	JP01	231650088JP01	Design	JP	2016-023194	01581068	
231650089	US01	231650089US01	Design	US	29/601568		
231650089	CN01	231650089CN01	Design	CN	201730143222.3		
231650089	EM01	231650089EM01	Design	EM	003870252-0002	003870252-0002	
231650089	JP01	231650089JP01	Design	JP	2016-023195	01581069	
231650102	US01	231650102US01	Design	US	29/607682		
231650102	EM01	231650102EM01	Design	EM	004047959-0001	004047959-0001	
231650102	JP01	231650102JP01	Design	JP	2016-027345	01581090	
231650103	US01	231650103US01	Design	US	29/607678		
231650103	EM01	231650103EM01	Design	EM	004047959-0002	004047959-0002	
231650103	JP01	231650103JP01	Design	JP	2016-027346	01581091	
239700196	GB01	239700196GB01	Design	GB	2068316	02068316	
310000106	US01	310000106US01	Patent	US	09/616028	6782549	
310000199	US01	310000199US01	Patent	US	09/791857	06462714	
310000199	CN01	310000199CN01	Patent	CN	01116876.5	ZL01116876.5	
310000380	US01	310000380US01	Patent	US	09/797723	06954583	
310000380	US02	310000380US02	Patent	US	11/221810	7515810	
310000380	JP01	310000380JP01	Patent	JP	2000-081706	03812274	
310000591	US01	310000591US01	Patent	US	10/332573	7712119	
310000591	CN01	310000591CN01	Patent	CN	00819746.6	ZL00819746.6	
310000591	JP01	310000591JP01	Patent	JP	2002-508838	04373088	
310001008	JP01	310001008JP01	Patent	JP	2000-225143	04093706	
310001008	JP02	310001008JP02	Patent	JP	2005-371293	04252994	
310001037	JP01	310001037JP01	Patent	JP	2002-505399	03960224	
310001047	JP01	310001047JP01	Patent	JP	2000-177331	04573951	
310001288	US01	310001288US01	Patent	US	09/930207	07239304	
310001288	US02	310001288US02	Patent	US	11/293122	7719524	
310001288	CN01	310001288CN01	Patent	CN	01133991.8	ZL01133991.8	
310001288	JP02	310001288JP02	Patent	JP	2000-379341	04160720	
310001390	JP01	310001390JP01	Patent	JP	2000-309293	03941370	
310001539	US01	310001539US01	Patent	US	09/796612	07072574	
310001539	CN01	310001539CN01	Patent	CN	01108919.9	ZL01108919.9	
310001539	EP01	310001539EP01	Patent	EP	01301926.0		
310001539	JP01	310001539JP01	Patent	JP	2001-027842	03857057	
310001853	US01	310001853US01	Patent	US	09/798993	07043023	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
310001853	CN01	310001853CN01	Patent	CN	01122892.X	ZL01122892.X	
310001853	JP01	310001853JP01	Patent	JP	2001-039340	03893881	
310001875	JP01	310001875JP01	Patent	JP	2000-299505	04490572	
310001917	US01	310001917US01	Patent	US	09/917828	06621229	
310001917	JP01	310001917JP01	Patent	JP	2001-009168	04422350	
310001917	KR01	310001917KR01	Patent	KR	10-2001-0045912	10-0874311	
310001919	JP01	310001919JP01	Patent	JP	2001-081864	03918444	
310002068	US01	310002068US01	Patent	US	09/793902	06690342	
310002068	JP01	310002068JP01	Patent	JP	2000-354676	04610720	
310002068	KR01	310002068KR01	Patent	KR	10-2001-0009643	10-0798519	
310002080	US01	310002080US01	Patent	US	09/795110	06807235	
310002080	DE01	310002080DE01	Patent	DE	60140930.2	1231801	
310002080	FI01	310002080FI01	Patent	FI	01113086.1	1231801	
310002080	FR01	310002080FR01	Patent	FR	01113086.1	1231801	
310002080	JP01	310002080JP01	Patent	JP	2001-033392	03819242	
310002080	KR01	310002080KR01	Patent	KR	10-2001-0053168	10-0730258	
310100015	US01	310100015US01	Patent	US	10/094980	06928292	
310100015	CN01	310100015CN01	Patent	CN	02107578.6	ZL02107578.6	
310100016	US01	310100016US01	Patent	US	10/076664	06990351	
310100016	CN01	310100016CN01	Patent	CN	02105041.4	ZL02105041.4	
310100016	JP01	310100016JP01	Patent	JP	2001-041123	03543769	
310100016	KR01	310100016KR01	Patent	KR	10-2002-0008309	10-0439551	
310100238	JP01	310100238JP01	Patent	JP	2001-082012	04271878	
310100396	US01	310100396US01	Patent	US	09/917829	07113909	
310100396	CN01	310100396CN01	Patent	CN	01141286.0	ZL01141286.0	
310100482	JP01	310100482JP01	Patent	JP	2002-039097	04191937	
310100694	US01	310100694US01	Patent	US	09/942782	07089267	
310100694	US02	310100694US02	Patent	US	11/410023	07320012	
310100694	TW01	310100694TW01	Patent	TW	90119485	189131	
310101005	US01	310101005US01	Patent	US	09/940548	06484034	
310101005	US02	310101005US02	Patent	US	10/274970	07072673	
310101005	DE01	310101005DE01	Patent	DE	60117907.2	01286174	
310101005	FR01	310101005FR01	Patent	FR	01126414.0	01286174	
310101005	GB01	310101005GB01	Patent	GB	01126414.0	01286174	
310101005	JP01	310101005JP01	Patent	JP	2001-222533	03547412	
310101005	KR01	310101005KR01	Patent	KR	10-2001-0052806	10-0767550	
310101009	US01	310101009US01	Patent	US	09/942717	07054546	
310101067	US01	310101067US01	Patent	US	10/082088	06650063	
310101067	JP01	310101067JP01	Patent	JP	2001-344228	04073201	
310101237	US01	310101237US01	Patent	US	10/283140	07138965	
310101237	US02	310101237US02	Patent	US	11/526620	07871542	
310101237	CN01	310101237CN01	Patent	CN	02147086.3	ZL02147086.3	
310101237	CN02	310101237CN02	Patent	CN	200610141650.3	ZL200610141650.3	
310101237	JP01	310101237JP01	Patent	JP	2001-333681	04333064	
310101237	KR02	310101237KR02	Patent	KR	10-2009-0033681	10-1006535	
310101237	KR03	310101237KR03	Patent	KR	10-2010-0016620	10-1040627	
310101303	US01	310101303US01	Patent	US	10/200286	07190833	
310101303	CN01	310101303CN01	Patent	CN	02130331.2	ZL02130331.2	
310101303	JP01	310101303JP01	Patent	JP	2001-268194	04240859	
310101481	US01	310101481US01	Patent	US	10/207953	06643771	
310101518	US01	310101518US01	Patent	US	10/217465	07062758	
310102027	US01	310102027US01	Patent	US	10/180492	07016653	
310102027	JP01	310102027JP01	Patent	JP	2001-399979	03840412	
310102075	JP01	310102075JP01	Patent	JP	2001-385439	03750598	
310102127	US01	310102127US01	Patent	US	10/206047	07013111	
310102127	JP01	310102127JP01	Patent	JP	2002-049447	03733336	
310200001	US01	310200001US01	Patent	US	10/206034	07277498	
310200001	JP01	310200001JP01	Patent	JP	2002-044114	03815344	
310200049	JP01	310200049JP01	Patent	JP	2002-050666	04192476	
310200121	US01	310200121US01	Patent	US	10/337310	06987978	
310200652	US01	310200652US01	Patent	US	10/222583	06822627	
310200652	US02	310200652US02	Patent	US	10/961029	07071901	
310200652	US03	310200652US03	Patent	US	11/396611	07450090	
310200652	CN01	310200652CN01	Patent	CN	02130590.0	ZL02130590.0	
310200652	CN02	310200652CN02	Patent	CN	200610169362.9	ZL200610169362.9	
310200652	DE01	310200652DE01	Patent	DE	60227345.5	01367622	
310200652	DE02	310200652DE02	Patent	DE	60238569.5	1956627	
310200652	FR01	310200652FR01	Patent	FR	02018108.7	01367622	
310200652	FR02	310200652FR02	Patent	FR	08009107.7	1956627	
310200652	GB01	310200652GB01	Patent	GB	02018108.7	01367622	
310200652	GB02	310200652GB02	Patent	GB	08009107.7	1956627	
310200652	JP01	310200652JP01	Patent	JP	2002-151992	04271902	
310200652	JP02	310200652JP02	Patent	JP	2007-128230	04634415	
310200652	KR01	310200652KR01	Patent	KR	10-2002-0048792	10-0837906	
310200652	TW01	310200652TW01	Patent	TW	91117807	I285388	
310200824	US01	310200824US01	Patent	US	10/340748	07110775	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
310200824	CN01	310200824CN01	Patent	CN	02157194.5	ZL02157194.5	
310200824	DE01	310200824DE01	Patent	DE	60327022.0	1380851	
310200824	FR01	310200824FR01	Patent	FR	03001284.3	1380851	
310200824	GB01	310200824GB01	Patent	GB	03001284.3	1380851	
310200824	JP01	310200824JP01	Patent	JP	2002-202055	03972755	
310200884	US01	310200884US01	Patent	US	10/230100	06940494	
310200884	US02	310200884US02	Patent	US	11/190849	07245293	
310200884	JP01	310200884JP01	Patent	JP	2002-226131	04115198	
310200884	JP02	310200884JP02	Patent	JP	2005-071622	04166229	
310200928	US01	310200928US01	Patent	US	10/372269	7657282	
310200942	US01	310200942US01	Patent	US	10/648289	07312791	
310200942	JP01	310200942JP01	Patent	JP	2002-249192	04500485	
310200942	JP02	310200942JP02	Patent	JP	2007-222067	04568310	
310200974	JP01	310200974JP01	Patent	JP	2002-299794	03969275	
310200985	JP01	310200985JP01	Patent	JP	2002-270897	03896932	
310201002	JP01	310201002JP01	Patent	JP	2002-270896	03956813	
310201036	US01	310201036US01	Patent	US	10/506428	7970058	
310201036	US02	310201036US02	Patent	US	11/931908	7936821	
310201036	US03	310201036US03	Patent	US	11/931978	8036272	
310201036	US04	310201036US04	Patent	US	11/932071	7936822	
310201036	US05	310201036US05	Patent	US	11/932110	7936823	
310201036	US06	310201036US06	Patent	US	13/152763	8320459	
310201036	US07	310201036US07	Patent	US	13/207795	8340190	
310201036	US08	310201036US08	Patent	US	13/207812	8571107	
310201036	US09	310201036US09	Patent	US	13/207823	8571108	
310201036	US10	310201036US10	Patent	US	13/207842	8325816	
310201036	US11	310201036US11	Patent	US	13/551810	8837594	
310201036	US12	310201036US12	Patent	US	14/487333		
310201036	CN01	310201036CN01	Patent	CN	03805041.2	ZL03805041.2	
310201036	CN02	310201036CN02	Patent	CN	200710092134.0	ZL200710092134.0	
310201036	CN03	310201036CN03	Patent	CN	200710092133.6	ZL200710092133.6	
310201036	CN04	310201036CN04	Patent	CN	200710092132.1	ZL200710092132.1	
310201036	CN05	310201036CN05	Patent	CN	200710092131.7	ZL200710092131.7	
310201036	CN06	310201036CN06	Patent	CN	200710092130.2	ZL200710092130.2	
310201036	CN07	310201036CN07	Patent	CN	200710092129.X	ZL200710092129.X	
310201036	CN08	310201036CN08	Patent	CN	200710092128.5	ZL200710092128.5	
310201036	JP02	310201036JP02	Patent	JP	2004-521194	04363326	
310201036	JP03	310201036JP03	Patent	JP	2007-335586	04363484	
310201036	JP04	310201036JP04	Patent	JP	2007-335587	05017086	
310201036	JP05	310201036JP05	Patent	JP	2007-335588	05017087	
310201036	JP06	310201036JP06	Patent	JP	2007-335589	04895995	
310201036	JP07	310201036JP07	Patent	JP	2011-028088	05017464	
310201036	JP08	310201036JP08	Patent	JP	2011-287366	05470365	
310201036	JP09	310201036JP09	Patent	JP	2013-165750	05470496	
310201036	JP10	310201036JP10	Patent	JP	2013-165746	05470494	
310201036	JP11	310201036JP11	Patent	JP	2013-165747	05470495	
310201036	JP12	310201036JP12	Patent	JP	2013-165748	05977718	
310201036	JP13	310201036JP13	Patent	JP	2014-162330	05869635	
310201036	JP14	310201036JP14	Patent	JP	2015-214233	06122931	
310201036	JP15	310201036JP15	Patent	JP	2016-234911		
310201084	CN01	310201084CN01	Patent	CN	02829411.4	ZL02829411.4	
310201084	KR01	310201084KR01	Patent	KR	10-2005-7001487	10-0670880	
310201084	TW01	310201084TW01	Patent	TW	92109373	I292839	
310201139	JP01	310201139JP01	Patent	JP	2002-256727	04040935	
310201140	JP01	310201140JP01	Patent	JP	2002-254018	03992570	
310201140	JP02	310201140JP02	Patent	JP	2007-166316	04543065	
310201141	JP01	310201141JP01	Patent	JP	2002-257625	04090312	
310201397	US01	310201397US01	Patent	US	10/366480	07212570	
310201397	JP01	310201397JP01	Patent	JP	2002-305289	04196640	
310201397	JP02	310201397JP02	Patent	JP	2007-317855	04798124	
310201697	JP01	310201697JP01	Patent	JP	2002-318105	04257101	
310201837	US01	310201837US01	Patent	US	10/600652	07158770	
310201837	CN01	310201837CN01	Patent	CN	03130710.8	ZL03130710.8	
310201837	DE01	310201837DE01	Patent	DE	03015513.9		Entering into designated country
310201837	EP01	310201837EP01	Patent	EP	03015513.9		
310201837	FR01	310201837FR01	Patent	FR	03015513.9		Entering into designated country
310201837	GB01	310201837GB01	Patent	GB	03015513.9		Entering into designated country
310201837	JP01	310201837JP01	Patent	JP	2003-052234	04470377	
310300002	JP01	310300002JP01	Patent	JP	2003-003459	04373678	
310300131	US01	310300131US01	Patent	US	10/773365	07310076	
310300213	US01	310300213US01	Patent	US	10/649725	07145522	
310300213	US02	310300213US02	Patent	US	11/583849	7746295	
310300213	JP01	310300213JP01	Patent	JP	2003-173647	04846974	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
310300328	US01	310300328US01	Patent	US	10/641111	07248743	
310300379	US01	310300379US01	Patent	US	10/785051	07059733	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310300395	US01	310300395US01	Patent	US	10/641060	07464170	
310300395	CN01	310300395CN01	Patent	CN	03133179.3	ZL03133179.3	
310300395	JP01	310300395JP01	Patent	JP	2003-151791	04165298	
310300655	US01	310300655US01	Patent	US	10/649702	7508760	
310300655	JP01	310300655JP01	Patent	JP	2003-105956	04288994	
310300680	JP01	310300680JP01	Patent	JP	2003-205638	04300071	
310300680	JP02	310300680JP02	Patent	JP	2008-083253	05166092	
310300680	JP03	310300680JP03	Patent	JP	2011-192716	05877024	
310300680	JP04	310300680JP04	Patent	JP	2013-131227	05685687	
310300714	JP01	310300714JP01	Patent	JP	2003-148495	04055652	
310300730	JP01	310300730JP01	Patent	JP	2003-145606	04345356	
310300735	US01	310300735US01	Patent	US	10/646706	07088315	
310300735	CN01	310300735CN01	Patent	CN	03155367.2	ZL03155367.2	
310300735	JP01	310300735JP01	Patent	JP	2003-193765	04275472	
310300735	KR01	310300735KR01	Patent	KR	10-2003-0060354	10-0972893	
310300769	JP01	310300769JP01	Patent	JP	2003-167260	04815096	
310300781	US02	310300781US02	Patent	US	11/076952	07218058	
310300781	US03	310300781US03	Patent	US	11/797247	07417379	
310300899	JP01	310300899JP01	Patent	JP	2003-327117	04311142	
310300900	JP01	310300900JP01	Patent	JP	2003-320596	04281486	
310300921	US01	310300921US01	Patent	US	10/785052	07280151	
310300921	JP01	310300921JP01	Patent	JP	2003-328541	04426804	
310300951	US01	310300951US01	Patent	US	10/724149	07129641	
310300951	US02	310300951US02	Patent	US	11/501745	07385355	
310300951	GB01	310300951GB01	Patent	GB	0329619.1	GB2397941	
310300951	JP01	310300951JP01	Patent	JP	2003-354161	04203954	
310300969	US01	310300969US01	Patent	US	10/788377	07455648	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310300969	US02	310300969US02	Patent	US	12/267056	7798981	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310300969	DE01	310300969DE01	Patent	DE	602004042954.6	1516583	
310300969	JP01	310300969JP01	Patent	JP	2003-329299	03841075	
310301011	US01	310301011US01	Patent	US	10/866722	07138946	
310301011	US02	310301011US02	Patent	US	11/546318	07345630	
310301011	CN01	310301011CN01	Patent	CN	200410063566.5	ZL200410063566.5	
310301011	CN02	310301011CN02	Patent	CN	200810082283.3	ZL200810082283.3	
310301011	JP01	310301011JP01	Patent	JP	2003-353096	04100320	
310301076	US01	310301076US01	Patent	US	10/869871	07360088	
310301076	JP01	310301076JP01	Patent	JP	2003-346520	04492083	
310301097	US01	310301097US01	Patent	US	10/772438	07146513	
310301097	CN01	310301097CN01	Patent	CN	200410004880.6	ZL200410004880.6	
310301097	DE01	310301097DE01	Patent	DE	602004045617.9	1544716	
310301097	FI01	310301097FI01	Patent	FI	04003747.5	1544716	
310301097	JP01	310301097JP01	Patent	JP	2003-418908	04433782	
310301178	US02	310301178US02	Patent	US	12/175418	8094093	
310301178	CN02	310301178CN02	Patent	CN	200810111248.X	ZL200810111248.X	
310301178	JP01	310301178JP01	Patent	JP	2004-086936	04647220	
310301218	US01	310301218US01	Patent	US	11/046745	07212830	
310301218	JP01	310301218JP01	Patent	JP	2004-151179	04367233	
310301220	US01	310301220US01	Patent	US	11/017135	07379744	
310301220	JP01	310301220JP01	Patent	JP	2003-426288	04227009	
310301223	JP02	310301223JP02	Patent	JP	2010-084790	05126276	
310400010	CN01	310400010CN01	Patent	CN	200510007575.7	ZL200510007575.7	
310400010	JP01	310400010JP01	Patent	JP	2004-036745	04220408	
310400010	JP02	310400010JP02	Patent	JP	2007-030693	04220555	
310400010	JP03	310400010JP03	Patent	JP	2007-030696	04220556	
310400040	JP01	310400040JP01	Patent	JP	2004-028798	04843901	
310400133	US01	310400133US01	Patent	US	11/066169	8787456	
310400133	US02	310400133US02	Patent	US	14/295525	8923387	
310400133	US03	310400133US03	Patent	US	14/551114	8971403	
310400133	US04	310400133US04	Patent	US	14/624889	9118924	
310400133	US05	310400133US05	Patent	US	14/796413	9270998	
310400133	US06	310400133US06	Patent	US	14/796505	9319687	
310400133	US07	310400133US07	Patent	US	14/796573	9277225	
310400133	US08	310400133US08	Patent	US	14/796650	9277226	
310400133	US09	310400133US09	Patent	US	15/087752	09414082	
310400133	US10	310400133US10	Patent	US	15/088218	09414084	
310400133	US11	310400133US11	Patent	US	15/087937	09414083	
310400133	US12	310400133US12	Patent	US	15/088074	09432681	
310400133	US13	310400133US13	Patent	US	15/221893	09549195	



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
310400133	JP01	310400133JP01	Patent	JP	2006-512698	05037938	
310400133	JP02	310400133JP02	Patent	JP	2010-098601	05010709	
310400133	JP03	310400133JP03	Patent	JP	2011-289350	05547171	
310400133	JP04	310400133JP04	Patent	JP	2013-204249	05676717	
310400133	JP05	310400133JP05	Patent	JP	2014-159422	05865966	
310400133	JP06	310400133JP06	Patent	JP	2015-232722	06096871	
310400133	JP07	310400133JP07	Patent	JP	2016-244517		
310400133	JP08	310400133JP08	Patent	JP	2016-244519		
310400277	JP01	310400277JP01	Patent	JP	2004-197743	04298600	
310400327	US01	310400327US01	Patent	US	10/928284	07351460	
310400366	JP01	310400366JP01	Patent	JP	2004-198753	04375143	
310400394	US01	310400394US01	Patent	US	11/062852	7605540	
310400394	CN01	310400394CN01	Patent	CN	200510052165.4	ZL200510052165.4	
310400394	JP01	310400394JP01	Patent	JP	2004-131465	04500094	
310400395	CN01	310400395CN01	Patent	CN	20051006859.4	ZL20051006859.4	
310400395	JP01	310400395JP01	Patent	JP	2004-257253	04401905	
310400435	US01	310400435US01	Patent	US	11/063591	8073312	
310400435	CN01	310400435CN01	Patent	CN	200510052160.1	ZL200510052160.1	
310400435	JP01	310400435JP01	Patent	JP	2004-161779	03978197	
310400436	JP01	310400436JP01	Patent	JP	2004-161833	04319944	
310400440	US01	310400440US01	Patent	US	11/068916	7639706	
310400440	CN01	310400440CN01	Patent	CN	200510052163.5	ZL200510052163.5	
310400440	JP01	310400440JP01	Patent	JP	2004-196966	04452136	
310400451	US01	310400451US01	Patent	US	10/928196	07059729	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400451	US02	310400451US02	Patent	US	11/410960	7520615	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400451	CN01	310400451CN01	Patent	CN	200410074819.9	ZL200410074819.9	
310400451	JP01	310400451JP01	Patent	JP	2004-185173	03955582	
310400451	JP02	310400451JP02	Patent	JP	2005-071615	04616673	
310400454	US01	310400454US01	Patent	US	11/659817	8155186	
310400454	CN01	310400454CN01	Patent	CN	200480043777.0	ZL200480043777.0	
310400454	JP01	310400454JP01	Patent	JP	2006-531105	04638874	
310400670	US01	310400670US01	Patent	US	11/630152	7771054	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400670	JP01	310400670JP01	Patent	JP	2006-534998	04643583	
310400695	US01	310400695US01	Patent	US	11/201249	07299058	
310400695	JP01	310400695JP01	Patent	JP	2004-278656	04400395	
310400716	JP01	310400716JP01	Patent	JP	2004-309003	04281667	
310400717	US01	310400717US01	Patent	US	11/794673	7904052	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400717	US02	310400717US02	Patent	US	12/929655	8073420	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400717	JP01	310400717JP01	Patent	JP	2007-504610	04580423	
310400775	US01	310400775US01	Patent	US	11/918042	7724910	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400775	US02	310400775US02	Patent	US	12/662304	7950278	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400775	JP01	310400775JP01	Patent	JP	2007-520985	04643640	
310400958	US01	310400958US01	Patent	US	11/211697	07298259	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400958	US02	310400958US02	Patent	US	11/727038	07403114	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400958	US03	310400958US03	Patent	US	12/176727	7605698	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400958	CN01	310400958CN01	Patent	CN	200510096704.4	ZL200510096704.4	
310400958	CN02	310400958CN02	Patent	CN	200810087665.5	ZL200810087665.5	
310400958	JP01	310400958JP01	Patent	JP	2005-058769	04885463	
310400959	US01	310400959US01	Patent	US	11/335633	7860917	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310400959	CN01	310400959CN01	Patent	CN	200610005474.0	ZL200610005474.0	
310400959	JP01	310400959JP01	Patent	JP	2005-085638	04596943	
310401023	JP01	310401023JP01	Patent	JP	2005-012231	04581697	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
310500020	US01	310500020US01	Patent	US	11/208658	7512418	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310500020	US02	310500020US02	Patent	US	11/723691	7593752	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310500020	CN01	310500020CN01	Patent	CN	200510096539.2	ZL200510096539.2	
310500020	JP01	310500020JP01	Patent	JP	2005-022375	04552670	
310500022	JP01	310500022JP01	Patent	JP	2005-042578	04542447	
310500022	JP02	310500022JP02	Patent	JP	2008-006368	04683050	
310500022	JP03	310500022JP03	Patent	JP	2010-277576	05055419	
310500022	JP04	310500022JP04	Patent	JP	2012-004624	05236088	
310500022	JP05	310500022JP05	Patent	JP	2012-190868	05380594	
310500022	JP06	310500022JP06	Patent	JP	2013-163740	05868909	
310500022	JP07	310500022JP07	Patent	JP	2014-156463	05913474	
310500022	JP08	310500022JP08	Patent	JP	2015-175319	06117302	
310500022	JP09	310500022JP09	Patent	JP	2016-182868		
310500022	JP10	310500022JP10	Patent	JP	2016-182869		
310500057	US01	310500057US01	Patent	US	11/214857	7944504	
310500057	CN01	310500057CN01	Patent	CN	200510093870.9	ZL200510093870.9	
310500057	DE01	310500057DE01	Patent	DE	602005017005.7	1691545	
310500057	FR01	310500057FR01	Patent	FR	05255323.7	1691545	
310500057	GB01	310500057GB01	Patent	GB	05255323.7	1691545	
310500057	JP01	310500057JP01	Patent	JP	2005-037061	04736456	
310500165	US01	310500165US01	Patent	US	11/208632	7626498	
310500165	CN01	310500165CN01	Patent	CN	200510096527.X	ZL200510096527.X	
310500165	JP01	310500165JP01	Patent	JP	2005-112477	04718882	
310500200	US01	310500200US01	Patent	US	11/367569	7953154	
310500212	US01	310500212US01	Patent	US	11/329153	7509139	
310500257	US01	310500257US01	Patent	US	11/214949	7965768	
310500257	JP01	310500257JP01	Patent	JP	2005-171884	04485996	
310500319	US01	310500319US01	Patent	US	11/208558	7781973	
310500319	CN01	310500319CN01	Patent	CN	200510092470.6	ZL200510092470.6	
310500319	GB01	310500319GB01	Patent	GB	0517486.7	GB2427749	
310500319	JP01	310500319JP01	Patent	JP	2005-189377	04908787	
310500342	US01	310500342US01	Patent	US	11/350722	7892189	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310500342	CN01	310500342CN01	Patent	CN	200610002277.3	ZL200610002277.3	
310500342	DE01	310500342DE01	Patent	DE	602006050249.4	1714612	
310500342	GB01	310500342GB01	Patent	GB	06002152.4	1714612	
310500342	JP01	310500342JP01	Patent	JP	2005-120584	04630115	
310500356	JP01	310500356JP01	Patent	JP	2005-121416	04703245	
310500497	US01	310500497US01	Patent	US	11/455191	07419473	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310500681	JP01	310500681JP01	Patent	JP	2006-093625	04951260	
310500725	JP01	310500725JP01	Patent	JP	2005-285880	04701970	
310500765	US01	310500765US01	Patent	US	11/513361	8009122	
310500765	CN01	310500765CN01	Patent	CN	200610126470.8	ZL200610126470.8	
310500826	JP01	310500826JP01	Patent	JP	2005-339533	05038620	
310500834	CN01	310500834CN01	Patent	CN	200610144418.5	ZL200610144418.5	
310600094	JP01	310600094JP01	Patent	JP	2006-088939	05069418	
310600144	CN01	310600144CN01	Patent	CN	200710091596.0	ZL200710091596.0	
310600144	JP01	310600144JP01	Patent	JP	2006-093154	04814673	
310600322	US01	310600322US01	Patent	US	11/797749	7675410	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310600322	JP01	310600322JP01	Patent	JP	2006-128846	04682912	
310600432	CN01	310600432CN01	Patent	CN	200710126851.0	ZL200710126851.0	
310600470	JP01	310600470JP01	Patent	JP	2006-267347	04749303	
310600471	JP01	310600471JP01	Patent	JP	2006-267356	04792366	
310600486	US01	310600486US01	Patent	US	12/518174	7994717	
310600486	CN01	310600486CN01	Patent	CN	200680056524.6	ZL200680056524.6	
310600486	JP01	310600486JP01	Patent	JP	2008-549144	04934680	
310600505	JP01	310600505JP01	Patent	JP	2006-327123	04971767	
310700044	JP01	310700044JP01	Patent	JP	2007-177934	05094246	
310700045	JP01	310700045JP01	Patent	JP	2007-086377	04840220	
310700058	JP01	310700058JP01	Patent	JP	2007-250371	05055076	
310700061	US01	310700061US01	Patent	US	12/140624	7786659	
310700061	JP01	310700061JP01	Patent	JP	2007-226642	04860578	
310700065	JP01	310700065JP01	Patent	JP	2007-177939	04929080	
310700066	JP01	310700066JP01	Patent	JP	2007-177940	04909826	
310700067	JP01	310700067JP01	Patent	JP	2007-177941	05401019	
310700072	CN01	310700072CN01	Patent	CN	200810137761.6	ZL200810137761.6	
310700072	JP01	310700072JP01	Patent	JP	2007-244645	04919912	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
310700072	KR01	310700072KR01	Patent	KR	10-2008-0069449	10-1067070	
310700078	JP01	310700078JP01	Patent	JP	2007-286045	05022865	
310700143	JP01	310700143JP01	Patent	JP	2007-320729	05011082	
310700147	JP01	310700147JP01	Patent	JP	2008-005139	05017129	
310700148	KR01	310700148KR01	Patent	KR	10-2009-0014948	10-1071476	
310700150	US01	310700150US01	Patent	US	12/247366	8115388	
310700150	CN01	310700150CN01	Patent	CN	200810166455.5	ZL200810166455.5	
310700153	JP01	310700153JP01	Patent	JP	2007-325685	04990748	
310700154	JP01	310700154JP01	Patent	JP	2008-057164	05033681	
310700154	KR01	310700154KR01	Patent	KR	10-2008-0119061	10-0973630	
310700158	US01	310700158US01	Patent	US	12/222774	7977880	
310750107	US01	310750107US01	Patent	US	12/028041	7972285	
310750107	JP01	310750107JP01	Patent	JP	2007-094512	05243726	
310750388	JP01	310750388JP01	Patent	JP	2007-206758	04982293	
310750495	JP01	310750495JP01	Patent	JP	2007-246484	05201924	
310750504	JP01	310750504JP01	Patent	JP	2007-246477	05022847	
310750516	US01	310750516US01	Patent	US	12/271016	8246554	
310750522	JP01	310750522JP01	Patent	JP	2007-250369	04919914	
310750660	JP01	310750660JP01	Patent	JP	2007-273310	05094331	
310750661	JP01	310750661JP01	Patent	JP	2007-273311	05039501	
310750662	JP01	310750662JP01	Patent	JP	2007-273312	05094332	
310800001	JP01	310800001JP01	Patent	JP	2008-097132	05028318	
310800026	JP01	310800026JP01	Patent	JP	2008-240197	05017221	
310800030	US01	310800030US01	Patent	US	12/502552	8098013	
310800033	KR01	310800033KR01	Patent	KR	10-2009-0097653	10-1105061	
310850116	US01	310850116US01	Patent	US	12/388780	8118758	
310850116	DE01	310850116DE01	Patent	DE	602009001029.8	2100559	
310850116	JP01	310850116JP01	Patent	JP	2008-058917	05055502	
310850202	JP01	310850202JP01	Patent	JP	2008-091508	04945497	
310850332	JP01	310850332JP01	Patent	JP	2008-161048	05385555	
310850380	US01	310850380US01	Patent	US	13/056401	8711774	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310850380	CN01	310850380CN01	Patent	CN	200980129934.2	ZL200980129934.2	
310850380	JP02	310850380JP02	Patent	JP	2010-522741	05174169	
310850380	JP03	310850380JP03	Patent	JP	2012-284076	05383896	
310850443	JP01	310850443JP01	Patent	JP	2008-304329	05499342	
310850544	JP02	310850544JP02	Patent	JP	2010-530688	05272012	
310850595	US01	310850595US01	Patent	US	12/604515	8337427	
310850595	JP01	310850595JP01	Patent	JP	2008-273397	05175683	
310850713	JP01	310850713JP01	Patent	JP	2008-290477	05150459	
310950044	JP01	310950044JP01	Patent	JP	2009-115348	05267808	
310950104	US01	310950104US01	Patent	US	12/695258	8334933	
310950104	CN01	310950104CN01	Patent	CN	201010113557.8	ZL201010113557.8	
310950104	JP01	310950104JP01	Patent	JP	2009-082817	05695819	
310950104	JP02	310950104JP02	Patent	JP	2013-228178	05763730	
310950104	JP03	310950104JP03	Patent	JP	2014-213836	06051190	
310950134	JP01	310950134JP01	Patent	JP	2009-060610	05394781	
310950174	US01	310950174US01	Patent	US	12/854357	8574173	
310950174	JP01	310950174JP01	Patent	JP	2009-196400	05330933	
310950286	JP01	310950286JP01	Patent	JP	2009-184603	05213130	
310950308	KR01	310950308KR01	Patent	KR	10-2010-0077732	10-1066367	
310950406	JP01	310950406JP01	Patent	JP	2009-231105	05260461	
310950441	US01	310950441US01	Patent	US	12/895005	8948257	
310950441	CN01	310950441CN01	Patent	CN	201010501803.7	ZL201010501803.7	
310950441	JP01	310950441JP01	Patent	JP	2009-230954	05378939	
310950535	US01	310950535US01	Patent	US	12/963342	8451212	
310950535	CN01	310950535CN01	Patent	CN	201010602595.X	ZL201010602595.X	
310950535	EP01	310950535EP01	Patent	EP	10015449.1		
310950535	JP01	310950535JP01	Patent	JP	2009-294509	05325089	
310950671	US01	310950671US01	Patent	US	12/961639	8633950	Need two-step proceedings (Hitachi⇒HMX⇒MX)
310950671	JP01	310950671JP01	Patent	JP	2009-279458	05211024	
311050199	US01	311050199US01	Patent	US	13/094856	8981765	
311050199	JP01	311050199JP01	Patent	JP	2010-104045	05558902	
311050422	JP01	311050422JP01	Patent	JP	2010-220227	05533512	
311050642	US01	311050642US01	Patent	US	13/988819		
311050642	US02	311050642US02	Patent	US	15/653793		
311050642	JP02	311050642JP02	Patent	JP	2014-210460	05750191	
311050642	JP03	311050642JP03	Patent	JP	2015-024922	05911982	
311050642	JP04	311050642JP04	Patent	JP	2016-067024	05946980	
311050642	JP05	311050642JP05	Patent	JP	2016-067025	05951915	
311050642	JP06	311050642JP06	Patent	JP	2016-114064	06181242	
311150027	JP01	311150027JP01	Patent	JP	2011-083986	05755483	
311150064	US01	311150064US01	Patent	US	13/338104	8902162	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
311150064	CN01	311150064CN01	Patent	CN	201110457447.8	ZL201110457447.8	
311150079	JP01	311150079JP01	Patent	JP	2011-075214	05629890	
311150157	US01	311150157US01	Patent	US	13/523324	8774705	
311150157	CN01	311150157CN01	Patent	CN	201210205187.X	ZL201210205187.X	
311150157	JP01	311150157JP01	Patent	JP	2011-180253	05664978	
311150486	JP01	311150486JP01	Patent	JP	2012-010082	05805548	
311150567	CN01	311150567CN01	Patent	CN	201310051641.5	ZL201310051641.5	
311150567	JP01	311150567JP01	Patent	JP	2012-058519	05938241	
311250513	US01	311250513US01	Patent	US	14/190132	09557462	
311250513	CN01	311250513CN01	Patent	CN	201410073914.0	ZL201410073914.0	
311250513	JP01	311250513JP01	Patent	JP	2013-070266	06047051	
311300177	US01	311300177US01	Patent	US	14/913986		
311300177	CN01	311300177CN01	Patent	CN	201380078916.2		
311300177	JP01	311300177JP01	Patent	JP	2015-536402	06118911	
311400009	JP01	311400009JP01	Patent	JP	2014-198447		
311500002	JP01	311500002JP01	Patent	JP	2015-090908		
311500006	JP01	311500006JP01	Patent	JP	2015-191820		
319601785	US01	319601785US01	Patent	US	08/950666	06144412	
319601785	DE01	319601785DE01	Patent	DE	69732014.6	00837601	
319601785	GB01	319601785GB01	Patent	GB	97117877.7	00837601	
319603212	CN01	319603212CN01	Patent	CN	98105343.2	ZL98105343.2	
319603950	US01	319603950US01	Patent	US	09/019177	06188569	
319603950	CN01	319603950CN01	Patent	CN	98104067.5	ZL98104067.5	
319603950	TW01	319603950TW01	Patent	TW	87101312	128301	
319701873	JP01	319701873JP01	Patent	JP	H09-290443	04083266	
319702092	JP01	319702092JP01	Patent	JP	H09-290307	04083265	
319702246	US01	319702246US01	Patent	US	09/134579	06069648	
319702246	US02	319702246US02	Patent	US	09/503111	06396924	
319702701	US01	319702701US01	Patent	US	09/330981	06438653	
319703389	JP01	319703389JP01	Patent	JP	H10-120127	04092773	
319703400	JP01	319703400JP01	Patent	JP	H09-321405	04015729	
319703710	US01	319703710US01	Patent	US	09/380784	07272843	
319703710	US02	319703710US02	Patent	US	11/826560	8826360	
319703710	US03	319703710US03	Patent	US	14/291115	9313541	
319703710	CN01	319703710CN01	Patent	CN	98814160.4	ZL98814160.4	
319703710	DE01	319703710DE01	Patent	DE	69841181.1	1089560	
319703710	FR01	319703710FR01	Patent	FR	98928527.5	1089560	
319703710	GB01	319703710GB01	Patent	GB	98928527.5	1089560	
319703710	JP01	319703710JP01	Patent	JP	2000-555434	03838035	
319703710	JP02	319703710JP02	Patent	JP	2005-156572	04363364	
319703710	JP04	319703710JP04	Patent	JP	2010-055279	05136580	
319703710	JP05	319703710JP05	Patent	JP	2010-133493	05378304	
319703710	JP06	319703710JP06	Patent	JP	2012-286627	05583747	
319703710	JP07	319703710JP07	Patent	JP	2013-253761	05764642	
319703710	JP08	319703710JP08	Patent	JP	2014-259879	06052684	
319703710	KR01	319703710KR01	Patent	KR	10-2000-7014038	10-0584772	
319703710	NL01	319703710NL01	Patent	NL	98928527.5	1089560	
319703739	JP01	319703739JP01	Patent	JP	H10-106836	03343214	
319703739	JP02	319703739JP02	Patent	JP	2000-075146	03343233	
319800205	US01	319800205US01	Patent	US	09/720327	6611294	
319800680	US01	319800680US01	Patent	US	09/267595	06104451	
319800680	TW01	319800680TW01	Patent	TW	88103871	137085	
319801641	JP01	319801641JP01	Patent	JP	H10-155597	04092778	
319801856	US02	319801856US02	Patent	US	09/663206	06466774	
319802043	US02	319802043US02	Patent	US	10/949364	07137075	
319802043	JP02	319802043JP02	Patent	JP	2000-566738	04032649	
319802043	JP03	319802043JP03	Patent	JP	2006-027865	04446967	
319802062	US01	319802062US01	Patent	US	09/456300	07003213	
319802062	US02	319802062US02	Patent	US	11/288177	07343085	
319802062	JP01	319802062JP01	Patent	JP	H10-351210	04119025	
319802062	JP02	319802062JP02	Patent	JP	2007-162459	04567709	
319802062	JP03	319802062JP03	Patent	JP	2010-138995	05002682	
319803044	JP01	319803044JP01	Patent	JP	H10-290283	03724227	
319803439	US01	319803439US01	Patent	US	09/511155	06466202	
319900158	US01	319900158US01	Patent	US	09/506809	06407776	
319900158	US02	319900158US02	Patent	US	10/140952	6501511	
319900158	GB01	319900158GB01	Patent	GB	0004407.3	GB2349769	
319900178	JP01	319900178JP01	Patent	JP	H11-053614	03952627	
319900882	US01	319900882US01	Patent	US	09/675211	06590333	
319901657	US01	319901657US01	Patent	US	09/613634	06430498	
319901657	US02	319901657US02	Patent	US	10/173423	06580999	
319901657	US03	319901657US03	Patent	US	10/428755	06748317	
319901657	US04	319901657US04	Patent	US	10/834107	06922630	
319901657	JP01	319901657JP01	Patent	JP	H11-197010	03791249	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
319901700	US01	319901700US01	Patent	US	09/658485	06513933	Need two-step proceedings (Hitachi⇒HMX⇒MX)
319902240	JP01	319902240JP01	Patent	JP	H11-283220	03774343	
319902583	JP01	319902583JP01	Patent	JP	H11-301745	03916813	
340000920	US01	340000920US01	Patent	US	09/987816	07180898	
340000920	US02	340000920US02	Patent	US	10/001981	07065100	
340000920	JP01	340000920JP01	Patent	JP	2000-353008	03929693	
340000928	US01	340000928US01	Patent	US	09/659551	06865677	
340001174	US01	340001174US01	Patent	US	10/013607	07225340	
340001174	JP01	340001174JP01	Patent	JP	2001-042891	04271876	
340001347	JP02	340001347JP02	Patent	JP	2002-540451	04039244	
340001699	JP01	340001699JP01	Patent	JP	2001-128605	04186429	
340001962	US01	340001962US01	Patent	US	09/795112	6519146	
340001962	US02	340001962US02	Patent	US	10/347365	6798655	
340001962	JP01	340001962JP01	Patent	JP	2000-385717	03594900	
340001962	JP03	340001962JP03	Patent	JP	2003-322733	03839426	
340001963	US01	340001963US01	Patent	US	09/796563	6519148	
340001963	US02	340001963US02	Patent	US	09/796449	6519147	
340001963	US03	340001963US03	Patent	US	10/307964	6791834	
340001963	JP01	340001963JP01	Patent	JP	2000-385728	03607608	
340001963	TW01	340001963TW01	Patent	TW	90105193	185789	
340001963	TW02	340001963TW02	Patent	TW	90105429	163841	
340001969	US01	340001969US01	Patent	US	09/950356	6527562	
340001969	US02	340001969US02	Patent	US	09/949823	6769045	
340002019	US01	340002019US01	Patent	US	09/796648	6614655	
340002019	US03	340002019US03	Patent	US	10/631767	6879485	
340002019	JP01	340002019JP01	Patent	JP	2000-385050	03658316	
340002020	US01	340002020US01	Patent	US	09/796450	6647321	
340002020	JP01	340002020JP01	Patent	JP	2000-385051	03658317	
340002020	TW01	340002020TW01	Patent	TW	90105204	161622	
340002064	US01	340002064US01	Patent	US	09/978554	07133378	
340002064	JP01	340002064JP01	Patent	JP	2001-010970	03873627	
340100279	JP01	340100279JP01	Patent	JP	2001-187151	04206206	
340100594	US01	340100594US01	Patent	US	10/105298	6865077	
340100594	JP01	340100594JP01	Patent	JP	2001-251526	04512296	
340100594	TW01	340100594TW01	Patent	TW	91103949	1273378	
340100814	JP01	340100814JP01	Patent	JP	2001-186354	04030731	
340100815	JP01	340100815JP01	Patent	JP	2001-174168	04108294	
340100866	US01	340100866US01	Patent	US	10/196145	06639797	
340100866	JP01	340100866JP01	Patent	JP	2002-087381	03979143	
340100866	TW01	340100866TW01	Patent	TW	91108253	175066	
340101118	US01	340101118US01	Patent	US	10/482681	7428307	
340101118	CN01	340101118CN01	Patent	CN	02813414.1	Z102813414.1	
340101118	JP01	340101118JP01	Patent	JP	2001-201000	04545994	
340101355	JP01	340101355JP01	Patent	JP	2002-006871	03918562	
340101601	US01	340101601US01	Patent	US	10/081228	06700634	
340101601	CN01	340101601CN01	Patent	CN	02105171.2	Z102105171.2	
340101601	JP01	340101601JP01	Patent	JP	2001-342850	03828402	
340101601	KR01	340101601KR01	Patent	KR	10-2002-0008946	10-0517089	
340101639	US01	340101639US01	Patent	US	10/356503	06950303	
340101639	JP01	340101639JP01	Patent	JP	2002-032659	03961843	
340101639	TW01	340101639TW01	Patent	TW	92102410	204245	
340101646	JP01	340101646JP01	Patent	JP	2002-032664	03961844	
340101646	TW01	340101646TW01	Patent	TW	92102411	194178	
340101821	JP01	340101821JP01	Patent	JP	2001-372147	04006987	
340101892	US01	340101892US01	Patent	US	10/361845	7627323	
340101892	JP01	340101892JP01	Patent	JP	2002-075365	03838129	
340101980	US01	340101980US01	Patent	US	10/360713	07324487	
340101980	JP01	340101980JP01	Patent	JP	2002-034515	03904462	
340200114	US01	340200114US01	Patent	US	10/372811	06850267	
340200139	US01	340200139US01	Patent	US	10/411217	07310428	
340200139	JP01	340200139JP01	Patent	JP	2002-114803	04344504	
340200308	JP01	340200308JP01	Patent	JP	2002-144942	04087149	
340200490	US01	340200490US01	Patent	US	10/506527	7778517	
340200490	CN01	340200490CN01	Patent	CN	03808996.3	Z103808996.3	
340200490	KR01	340200490KR01	Patent	KR	10-2004-7013538	10-0749410	
340200491	US01	340200491US01	Patent	US	10/506503	07433578	
340200491	CN01	340200491CN01	Patent	CN	03808937.8	Z103808937.8	
340200491	DE01	340200491DE01	Patent	DE	60328166.4	1482507	
340200491	FR01	340200491FR01	Patent	FR	03743602.9	1482507	
340200491	GB01	340200491GB01	Patent	GB	03743602.9	1482507	
340200491	JP01	340200491JP01	Patent	JP	2002-107157	03949996	
340200491	KR01	340200491KR01	Patent	KR	10-2004-7013161	10-0694769	
340200492	US01	340200492US01	Patent	US	10/506515	07421188	
340200492	CN01	340200492CN01	Patent	CN	03808879.7	Z103808879.7	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
340200492	DE01	340200492DE01	Patent	DE	60334607.3	1482508	
340200492	FR01	340200492FR01	Patent	FR	03743603.7	1482508	
340200492	GB01	340200492GB01	Patent	GB	03743603.7	1482508	
340200492	KR01	340200492KR01	Patent	KR	10-2004-7013539	10-0725446	
340200560	US01	340200560US01	Patent	US	10/613055	07079851	
340200560	JP01	340200560JP01	Patent	JP	2002-205072	04220189	
340200680	US01	340200680US01	Patent	US	10/620206	07293294	
340200841	JP01	340200841JP01	Patent	JP	2002-203455	04154938	
340200853	JP01	340200853JP01	Patent	JP	2002-183815	04057356	
340200931	US01	340200931US01	Patent	US	10/406379	06947282	
340200931	CN01	340200931CN01	Patent	CN	03110578.5	ZL03110578.5	
340200931	JP01	340200931JP01	Patent	JP	2002-203456	03885679	
340200996	JP01	340200996JP01	Patent	JP	2002-363687	03891928	
340201049	JP01	340201049JP01	Patent	JP	2002-294458	04213936	
340201049	JP02	340201049JP02	Patent	JP	2008-190529	05250325	
340201049	JP03	340201049JP03	Patent	JP	2012-153247	05452673	
340201073	US01	340201073US01	Patent	US	10/620603	07352877	
340201073	JP01	340201073JP01	Patent	JP	2003-026584	04023324	
340201207	US01	340201207US01	Patent	US	10/686707	7633911	
340201207	JP01	340201207JP01	Patent	JP	2002-341187	03883955	
340201248	CN01	340201248CN01	Patent	CN	200310115474.2	ZL200310115474.2	
340201321	JP01	340201321JP01	Patent	JP	2003-014288	04073322	
340201322	US01	340201322US01	Patent	US	10/414152	06778394	
340201322	CN01	340201322CN01	Patent	CN	03122635.3	ZL03122635.3	
340201322	JP01	340201322JP01	Patent	JP	2002-279570	03757200	
340201322	JP02	340201322JP02	Patent	JP	2005-108472	03727647	
340201322	JP03	340201322JP03	Patent	JP	2005-341930	04744280	
340201466	US01	340201466US01	Patent	US	10/756457	07095627	
340201466	CN01	340201466CN01	Patent	CN	200410039337.X	ZL200410039337.X	
340201534	JP01	340201534JP01	Patent	JP	2002-369619	04090344	
340201535	JP01	340201535JP01	Patent	JP	2002-381983	04071620	
340300040	US01	340300040US01	Patent	US	10/724778	7584431	
340300040	JP01	340300040JP01	Patent	JP	2003-005618	04241053	
340300107	US01	340300107US01	Patent	US	10/890262	07457468	
340300115	JP01	340300115JP01	Patent	JP	2003-164517	03925466	
340300158	US01	340300158US01	Patent	US	10/801687	07107012	
340300160	US01	340300160US01	Patent	US	10/776231	07318322	
340300160	CN01	340300160CN01	Patent	CN	200410004247.7	ZL200410004247.7	
340300160	DE01	340300160DE01	Patent	DE	602004030965.6	1448040	
340300160	JP01	340300160JP01	Patent	JP	2003-036255	04199018	
340300160	KR01	340300160KR01	Patent	KR	10-2004-0009431	10-0582612	
340300160	TW01	340300160TW01	Patent	TW	93103209	I237174	
340300163	JP01	340300163JP01	Patent	JP	2002-328061	04320159	
340300354	US01	340300354US01	Patent	US	10/651254	07461121	
340300552	JP01	340300552JP01	Patent	JP	2003-171806	04344549	
340300554	JP01	340300554JP01	Patent	JP	2003-116448	03925451	
340300613	US03	340300613US03	Patent	US	12/698846	8099136	
340300613	JP02	340300613JP02	Patent	JP	2006-339396	04379468	
340300659	US01	340300659US01	Patent	US	10/796049	07455103	
340300659	CN01	340300659CN01	Patent	CN	200410028256.X	ZL200410028256.X	
340300659	KR01	340300659KR01	Patent	KR	10-2004-0015679	10-0610292	
340300659	TW01	340300659TW01	Patent	TW	093105396	I318557	
340300806	KR01	340300806KR01	Patent	KR	10-2003-0059863	10-0561154	
340300831	US01	340300831US01	Patent	US	10/654610	07283671	
340300831	CN01	340300831CN01	Patent	CN	03155599.3	ZL03155599.3	
340300831	JP01	340300831JP01	Patent	JP	2003-141285	04345353	
340300862	US01	340300862US01	Patent	US	10/747267	07116438	
340300862	CN01	340300862CN01	Patent	CN	200410001919.9	ZL200410001919.9	
340300980	US01	340300980US01	Patent	US	10/796045	07021367	
340300980	CN01	340300980CN01	Patent	CN	200410028250.2	ZL200410028250.2	
340300980	JP01	340300980JP01	Patent	JP	2003-349701	03771233	
340300980	KR01	340300980KR01	Patent	KR	10-2004-0015680	10-0610293	
340300980	TW01	340300980TW01	Patent	TW	93105571	I302242	
340300992	JP01	340300992JP01	Patent	JP	2003-198851	04603783	
340301021	JP01	340301021JP01	Patent	JP	2003-379856	04267426	
340301061	JP01	340301061JP01	Patent	JP	2003-363527	04287239	
340301099	CN01	340301099CN01	Patent	CN	200410085697.3	ZL200410085697.3	
340301099	JP01	340301099JP01	Patent	JP	2003-355359	04443181	
340301194	JP01	340301194JP01	Patent	JP	2003-317699	04016914	
340301498	JP01	340301498JP01	Patent	JP	2004-145800	04239895	
340301505	US01	340301505US01	Patent	US	11/012118	07333334	
340301505	JP01	340301505JP01	Patent	JP	2003-419673	04272503	
340301508	US01	340301508US01	Patent	US	11/012354	7567747	
340301508	JP01	340301508JP01	Patent	JP	2003-420372	04430929	
340301512	JP01	340301512JP01	Patent	JP	2004-032301	04373234	
340301737	JP01	340301737JP01	Patent	JP	2005-012228	04506483	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
340301759	US01	340301759US01	Patent	US	11/051290	7734913	
340301759	JP01	340301759JP01	Patent	JP	2004-036008	04283699	
340301780	US01	340301780US01	Patent	US	10/862875	7577843	
340301781	JP01	340301781JP01	Patent	JP	2003-417435	04321251	
340301822	US01	340301822US01	Patent	US	11/011161	7681224	
340301822	CN01	340301822CN01	Patent	CN	200410098525.X	ZL200410098525.X	
340400193	US01	340400193US01	Patent	US	10/873176	7987299	
340400193	CN01	340400193CN01	Patent	CN	200410060083.X	ZL200410060083.X	
340400193	EP01	340400193EP01	Patent	EP	04014109.5		
340400193	GB01	340400193GB01	Patent	GB	04014109.5		Entering into designated country
340400193	JP01	340400193JP01	Patent	JP	2004-109599	04285307	
340400193	KR01	340400193KR01	Patent	KR	10-2004-0047543	10-0719416	
340400202	CN01	340400202CN01	Patent	CN	200510058886.6	ZL200510058886.6	
340400202	JP01	340400202JP01	Patent	JP	2004-109395	04541018	
340400225	JP01	340400225JP01	Patent	JP	2004-020690	04513339	
340400233	JP01	340400233JP01	Patent	JP	2004-177040	04477428	
340400241	CN01	340400241CN01	Patent	CN	200410042885.8	ZL200410042885.8	
340400241	KR01	340400241KR01	Patent	KR	10-2004-0035464	10-0679580	
340400267	US01	340400267US01	Patent	US	10/847665	7912952	
340400267	DE01	340400267DE01	Patent	DE	60200402882.5	1580954	
340400267	FI01	340400267FI01	Patent	FI	04011697.2	1580954	
340400267	GB01	340400267GB01	Patent	GB	04011697.2	1580954	
340400267	JP01	340400267JP01	Patent	JP	2004-088295	04466148	
340400267	KR01	340400267KR01	Patent	KR	10-2004-0035500	10-0661426	
340400267	NL01	340400267NL01	Patent	NL	04011697.2	1580954	
340400270	JP01	340400270JP01	Patent	JP	2004-094153	04547960	
340400273	US01	340400273US01	Patent	US	11/147246	07375615	
340400403	CN01	340400403CN01	Patent	CN	200510079144.1	ZL200510079144.1	
340400403	JP01	340400403JP01	Patent	JP	2004-185906	04411147	
340400420	CN01	340400420CN01	Patent	CN	200510006814.7	ZL200510006814.7	
340400420	JP01	340400420JP01	Patent	JP	2004-088303	04474966	
340400454	KR01	340400454KR01	Patent	KR	10-2004-0047674	10-0649040	
340400514	JP01	340400514JP01	Patent	JP	2004-120518	04227931	
340400514	KR01	340400514KR01	Patent	KR	10-2004-0047385	10-0623125	
340400527	JP01	340400527JP01	Patent	JP	2004-102103	04285300	
340400528	US01	340400528US01	Patent	US	10/942935	7734919	
340400528	JP01	340400528JP01	Patent	JP	2004-085962	04289186	
340400557	CN01	340400557CN01	Patent	CN	200510079913.8	ZL200510079913.8	
340400692	US01	340400692US01	Patent	US	11/185694	7586545	
340401054	JP01	340401054JP01	Patent	JP	2004-295514	04779334	
340401086	JP01	340401086JP01	Patent	JP	2004-336865	04517827	
340401151	JP01	340401151JP01	Patent	JP	2004-357540	04548107	
340401226	JP01	340401226JP01	Patent	JP	2005-001967	04489601	
340401230	JP01	340401230JP01	Patent	JP	2004-300887	04951852	
340401273	JP01	340401273JP01	Patent	JP	2005-000495	04575786	
340401282	JP01	340401282JP01	Patent	JP	2006-006909	04595815	
340401286	US01	340401286US01	Patent	US	11/296689	7660514	
340401286	JP01	340401286JP01	Patent	JP	2004-357509	04372673	
340401395	JP01	340401395JP01	Patent	JP	2004-360104	04343098	
340401518	JP01	340401518JP01	Patent	JP	2005-001243	04705786	
340401759	US01	340401759US01	Patent	US	11/154818	7796857	
340401759	CN01	340401759CN01	Patent	CN	200510085425.8	ZL200510085425.8	
340401759	CN02	340401759CN02	Patent	CN	200910136925.8	ZL200910136925.8	
340401759	JP01	340401759JP01	Patent	JP	2004-372535	04349277	
340401761	US01	340401761US01	Patent	US	11/313829	8218945	
340401761	CN02	340401761CN02	Patent	CN	201010193465.5	ZL201010193465.5	
340401761	CN03	340401761CN03	Patent	CN	201210029822.3	ZL201210029822.3	
340401761	JP02	340401761JP02	Patent	JP	2008-282690	04760893	
340500015	JP01	340500015JP01	Patent	JP	2005-134482	04566606	
340500057	JP01	340500057JP01	Patent	JP	2005-141008	04384618	
340500137	JP01	340500137JP01	Patent	JP	2005-099214	04368819	
340500298	CN01	340500298CN01	Patent	CN	200610126463.8	ZL200610126463.8	
340500298	JP01	340500298JP01	Patent	JP	2005-124021	04593349	
340500454	US01	340500454US01	Patent	US	11/367388	7716604	
340500454	JP01	340500454JP01	Patent	JP	2005-121418	04533791	
340500461	JP01	340500461JP01	Patent	JP	2005-239956	04279812	
340500530	JP01	340500530JP01	Patent	JP	2005-263511	04664780	
340500533	US01	340500533US01	Patent	US	11/654052	7719212	
340500533	CN01	340500533CN01	Patent	CN	200710001999.1	ZL200710001999.1	
340500533	JP01	340500533JP01	Patent	JP	2006-006911	04918786	
340500535	JP01	340500535JP01	Patent	JP	2005-320997	04881606	
340500902	JP01	340500902JP01	Patent	JP	2005-219906	04449851	
340501156	CN01	340501156CN01	Patent	CN	200610079459.0	ZL200610079459.0	
340501156	JP01	340501156JP01	Patent	JP	2005-323941	04451378	
340501351	JP01	340501351JP01	Patent	JP	2006-128358	04965894	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
340501469	JP01	340501469JP01	Patent	JP	2006-027854	04626527	
340600037	US01	340600037US01	Patent	US	11/688616	8037161	
340600037	CN01	340600037CN01	Patent	CN	200710089432.4	ZL200710089432.4	
340600037	JP01	340600037JP01	Patent	JP	2006-080462	04814665	
340600449	CN01	340600449CN01	Patent	CN	200710104671.2	ZL200710104671.2	
340600449	KR01	340600449KR01	Patent	KR	10-2007-0050846	10-0929749	
340600539	JP01	340600539JP01	Patent	JP	2006-294366	04965967	
340600908	JP01	340600908JP01	Patent	JP	2006-325133	05023678	
340650267	KR01	340650267KR01	Patent	KR	10-2007-0084786	10-0880335	
340650274	JP01	340650274JP01	Patent	JP	2007-100789	05110942	
340750121	JP01	340750121JP01	Patent	JP	2007-069760	04798030	
340750156	US01	340750156US01	Patent	US	12/044128	8677151	
340750156	JP01	340750156JP01	Patent	JP	2007-069761	04600408	
340750158	JP01	340750158JP01	Patent	JP	2007-041676	05076546	
340750290	JP01	340750290JP01	Patent	JP	2007-069762	05012116	
340750292	JP01	340750292JP01	Patent	JP	2007-178568	05002354	
340750680	JP01	340750680JP01	Patent	JP	2007-241317	04871820	
340750832	JP01	340750832JP01	Patent	JP	2007-238673	05011042	
340750890	US01	340750890US01	Patent	US	12/331563	8332640	
340750890	JP01	340750890JP01	Patent	JP	2007-321046	05209945	
340751268	CN01	340751268CN01	Patent	CN	200910140795.5	ZL200910140795.5	
340751268	JP01	340751268JP01	Patent	JP	2008-129029	05414202	
340850186	US01	340850186US01	Patent	US	12/422371	8467529	
340850186	CN01	340850186CN01	Patent	CN	200910133039.X	ZL200910133039.X	
340850186	JP01	340850186JP01	Patent	JP	2008-159868	05210723	
340850803	JP01	340850803JP01	Patent	JP	2008-286764	05017234	
340850903	JP01	340850903JP01	Patent	JP	2009-010059	05298345	
340950224	JP01	340950224JP01	Patent	JP	2009-153193	05216703	
341000010	US01	341000010US01	Patent	US	13/005695		
341000010	JP01	341000010JP01	Patent	JP	2010-060716	05416626	
341050564	JP01	341050564JP01	Patent	JP	2010-211553	05478445	
341150630	JP01	341150630JP01	Patent	JP	2011-219715	05832843	
341500149	WO01	341500149WO01	Patent	WO	PCT/JP2015/067364		
341500356	WO01	341500356WO01	Patent	WO	PCT/JP2015/071532		
341500366	WO01	341500366WO01	Patent	WO	PCT/JP2015/064245		
341500369	JP01	341500369JP01	Patent	JP	2015-120106		
341500369	WO01	341500369WO01	Patent	WO	PCT/JP2016/062317		
341500370	JP01	341500370JP01	Patent	JP	2015-120750		
341500393	JP01	341500393JP01	Patent	JP	2015-225668		
341500400	JP02	341500400JP02	Patent	JP	2015-210979		
341500400	WO01	341500400WO01	Patent	WO	PCT/JP2016/061231		
341500407	WO01	341500407WO01	Patent	WO	PCT/JP2015/069074		
341500408	JP01	341500408JP01	Patent	JP	2015-146853		
341500408	WO01	341500408WO01	Patent	WO	PCT/JP2016/064605		
341500409	JP01	341500409JP01	Patent	JP	2015-147974		
341500445	WO01	341500445WO01	Patent	WO	PCT/JP2015/078145		
341500449	WO01	341500449WO01	Patent	WO	PCT/JP2015/083535		
341500465	WO01	341500465WO01	Patent	WO	PCT/JP2015/080164		
341500470	WO01	341500470WO01	Patent	WO	PCT/JP2015/081922		
341500477	WO01	341500477WO01	Patent	WO	PCT/JP2015/079140		
341500681	WO01	341500681WO01	Patent	WO	PCT/JP2015/082369		
341500683	WO01	341500683WO01	Patent	WO	PCT/JP2015/085100		
341500691	WO01	341500691WO01	Patent	WO	PCT/JP2015/082106		
341500692	WO01	341500692WO01	Patent	WO	PCT/JP2016/054212		
341500694	JP01	341500694JP01	Patent	JP	2016-000795		
341500695	WO01	341500695WO01	Patent	WO	PCT/JP2015/084667		
341500696	WO01	341500696WO01	Patent	WO	PCT/JP2015/083073		
341500714	WO01	341500714WO01	Patent	WO	PCT/JP2016/063275		
341500715	WO01	341500715WO01	Patent	WO	PCT/JP2015/082821		
341500822	WO01	341500822WO01	Patent	WO	PCT/JP2015/083459		
341500828	WO01	341500828WO01	Patent	WO	PCT/JP2016/056311		
341500971	JP01	341500971JP01	Patent	JP	2016-067051		
341500971	WO01	341500971WO01	Patent	WO	PCT/JP2016/087579		
341501225	WO01	341501225WO01	Patent	WO	PCT/JP2016/061752		
341501265	WO01	341501265WO01	Patent	WO	PCT/JP2016/066112		
341501297	WO01	341501297WO01	Patent	WO	PCT/JP2016/056305		
341501301	WO01	341501301WO01	Patent	WO	PCT/JP2016/057805		
341501310	WO01	341501310WO01	Patent	WO	PCT/JP2016/056571		
341501312	JP01	341501312JP01	Patent	JP	2016-095947		
341501312	WO01	341501312WO01	Patent	WO	PCT/JP2017/008926		
341501316	WO01	341501316WO01	Patent	WO	PCT/JP2016/066060		
341501329	WO01	341501329WO01	Patent	WO	PCT/JP2016/067156		
341600072	WO01	341600072WO01	Patent	WO	PCT/JP2016/064681		
341600074	WO01	341600074WO01	Patent	WO	PCT/JP2016/062473		
341600184	WO01	341600184WO01	Patent	WO	PCT/JP2016/075594		
341600185	WO01	341600185WO01	Patent	WO	PCT/JP2016/067695		



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
341600345	WO01	341600345WO01	Patent	WO	PCT/JP2016/067082		
341600397	WO01	341600397WO01	Patent	WO	PCT/JP2016/070166		
341600472	JP01	341600472JP01	Patent	JP	2016-112778		
341600472	WO01	341600472WO01	Patent	WO	PCT/JP2017/009066		
341600486	WO01	341600486WO01	Patent	WO	PCT/JP2016/072745		
341600490	WO01	341600490WO01	Patent	WO	PCT/JP2016/067273		
341600535	WO01	341600535WO01	Patent	WO	PCT/JP2016/075872		
341600683	WO01	341600683WO01	Patent	WO			Preparing for filing
341600734	WO01	341600734WO01	Patent	WO	PCT/JP2016/077948		
341600741	WO01	341600741WO01	Patent	WO	PCT/JP2017/028700		
341600744	WO01	341600744WO01	Patent	WO	PCT/JP2017/004033		
341600750	JP01	341600750JP01	Patent	JP	2016-191129		
341600750	WO01	341600750WO01	Patent	WO	PCT/JP2017/34729		
341600783	JP01	341600783JP01	Patent	JP	2016-178602		
341600783	WO01	341600783WO01	Patent	WO	PCT/JP2017/008927		
341600818	WO01	341600818WO01	Patent	WO	PCT/JP2016/070836		
341600855	WO01	341600855WO01	Patent	WO	PCT/JP2016/081937		
341600886	WO01	341600886WO01	Patent	WO	PCT/JP2016/085427		
341600887	WO01	341600887WO01	Patent	WO	PCT/JP2016/084822		
341601179	WO01	341601179WO01	Patent	WO	PCT/JP2016/088644		
341601195	JP01	341601195JP01	Patent	JP	2016-246062		
341601199	WO01	341601199WO01	Patent	WO	PCT/JP2017/016806		
341601201	WO01	341601201WO01	Patent	WO	PCT/JP2016/085571		
341601202	WO01	341601202WO01	Patent	WO	PCT/JP2017/017786		
341601215	WO01	341601215WO01	Patent	WO	PCT/JP2017/001426		
341601254	WO01	341601254WO01	Patent	WO	PCT/JP2017/006024		
341601276	JP01	341601276JP01	Patent	JP	2016-245528		
341601357	JP01	341601357JP01	Patent	JP	2017-022999		
341601358	WO01	341601358WO01	Patent	WO	PCT/JP2017/011022		
341601376	WO01	341601376WO01	Patent	WO	PCT/JP2017/009306		
341601402	WO01	341601402WO01	Patent	WO	PCT/JP2017/010539		
341601405	WO01	341601405WO01	Patent	WO	PCT/JP2017/018669		
341601421	WO01	341601421WO01	Patent	WO	PCT/JP2017/012661		
341601426	WO01	341601426WO01	Patent	WO	PCT/JP2017/011474		
341601430	WO01	341601430WO01	Patent	WO	PCT/JP2017/015399		
341601468	WO01	341601468WO01	Patent	WO	PCT/JP2017/017525		
341601483	WO01	341601483WO01	Patent	WO	PCT/JP2017/016991		
341700180	WO01	341700180WO01	Patent	WO	PCT/JP2017/020951		
341700197	WO01	341700197WO01	Patent	WO			Preparing for filing
341700208	WO01	341700208WO01	Patent	WO	PCT/JP2017/023821		
341700209	WO01	341700209WO01	Patent	WO	PCT/JP2017/024748		
341700211	WO01	341700211WO01	Patent	WO	PCT/JP2017/024996		
341700213	WO01	341700213WO01	Patent	WO			Preparing for filing
341700272	WO01	341700272WO01	Patent	WO	PCT/JP2017/027324		
341700275	WO01	341700275WO01	Patent	WO	PCT/JP2017/030273		
341700357	JP01	341700357JP01	Patent	JP	2017-132457		
341700413	JP01	341700413JP01	Patent	JP	2017-117655		
341700578	JP01	341700578JP01	Patent	JP	2017-196332		
341700582	JP01	341700582JP01	Patent	JP			Preparing for filing
341700666	JP01	341700666JP01	Patent	JP	2017-195240		
341700669	JP01	341700669JP01	Patent	JP			Preparing for filing
341700838	JP01	341700838JP01	Patent	JP			Preparing for filing
341700860	JP01	341700860JP01	Patent	JP			Preparing for filing
341700925	JP01	341700925JP01	Patent	JP			Preparing for filing
341700932	JP01	341700932JP01	Patent	JP			Preparing for filing
341701021	JP01	341701021JP01	Patent	JP			Preparing for filing
341701022	JP01	341701022JP01	Patent	JP			Preparing for filing
349601054	US01	349601054US01	Patent	US	08/961421	05963010	
349601727	US02	349601727US02	Patent	US	08/997487	06857131	
349601727	DE02	349601727DE02	Patent	DE	69731988.1	01170944	
349601727	FR02	349601727FR02	Patent	FR	01121810.4	01170944	
349601727	GB02	349601727GB02	Patent	GB	01121810.4	01170944	
349700075	US01	349700075US01	Patent	US	09/010185	06069793	
349700075	US02	349700075US02	Patent	US	09/557161	6266242	
349700470	US01	349700470US01	Patent	US	09/016799	6476821	
349700470	DE01	349700470DE01	Patent	DE	69840039.9	00856829	
349700470	DE02	349700470DE02	Patent	DE	69842020.9	1160760	
349700470	GB01	349700470GB01	Patent	GB	98101383.2	00856829	
349700470	GB02	349700470GB02	Patent	GB	01110494.0	1160760	
349701430	US01	349701430US01	Patent	US	09/227740	06684312	
349701430	US02	349701430US02	Patent	US	10/062503	07080227	
349701430	US03	349701430US03	Patent	US	10/642644	07062627	
349701458	US02	349701458US02	Patent	US	09/276113	06691310	
349701538	US01	349701538US01	Patent	US	09/337530	07096486	
349705261	JP01	349705261JP01	Patent	JP	H09-315667	03768662	
349705262	JP01	349705262JP01	Patent	JP	H09-313286	03706721	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
349705329	US02	349705329US02	Patent	US	09/205620	6438166	
349705329	JP01	349705329JP01	Patent	JP	H09-339642	03250507	
349705334	US02	349705334US02	Patent	US	09/212309	6430354	
349705334	JP01	349705334JP01	Patent	JP	H09-346250	03479443	
349800207	US01	349800207US01	Patent	US	09/391491	6446223	
349800240	US01	349800240US01	Patent	US	09/647449	06801713	
349800240	JP01	349800240JP01	Patent	JP	2000-558668	04069586	
349800831	TW01	349800831TW01	Patent	TW	89100840	144874	
349800884	US01	349800884US01	Patent	US	09/492081	06836787	
349800884	JP01	349800884JP01	Patent	JP	H11-017179	03723692	
349800918	JP01	349800918JP01	Patent	JP	H10-249312	03570236	
349801120	US01	349801120US01	Patent	US	09/254882	06310956	
349801120	US02	349801120US02	Patent	US	09/968512	06865553	
349801421	US01	349801421US01	Patent	US	09/453578	06711276	
349801421	CN01	349801421CN01	Patent	CN	99127723.6	Z199127723.6	
349801421	JP01	349801421JP01	Patent	JP	H10-343888	03698901	
349805029	JP01	349805029JP01	Patent	JP	H10-034879	03655459	
349805184	US01	349805184US01	Patent	US	09/332895	6188443	
349805214	US01	349805214US01	Patent	US	09/299746	6546189	
349805215	US01	349805215US01	Patent	US	09/299572	06339760	
349805308	US01	349805308US01	Patent	US	09/361226	6624536	
349805315	JP01	349805315JP01	Patent	JP	H10-220106	03644265	
349805549	US01	349805549US01	Patent	US	09/440286	6570580	
349900006	US01	349900006US01	Patent	US	09/489025	06404707	
349900006	JP01	349900006JP01	Patent	JP	H11-015210	03799856	
349900044	US01	349900044US01	Patent	US	09/388770	06782190	
349900189	JP01	349900189JP01	Patent	JP	H11-136761	03793663	
349900222	JP01	349900222JP01	Patent	JP	H11-160555	03765198	
349900696	JP01	349900696JP01	Patent	JP	2000-070833	03756035	
349900827	US01	349900827US01	Patent	US	09/643759	6842540	
349900827	JP01	349900827JP01	Patent	JP	H11-282425	03772604	
349900923	US01	349900923US01	Patent	US	09/493807	6600243	
349900923	JP01	349900923JP01	Patent	JP	H11-296256	03829552	
349901238	JP01	349901238JP01	Patent	JP	2000-046996	03697568	
349901256	US01	349901256US01	Patent	US	09/712146	06693612	
349901256	JP01	349901256JP01	Patent	JP	H11-327760	03692869	
349901256	TW01	349901256TW01	Patent	TW	89123598	174152	
349901374	US01	349901374US01	Patent	US	09/651098	06967666	
349901632	JP01	349901632JP01	Patent	JP	H11-366249	04126835	
349901667	JP01	349901667JP01	Patent	JP	2000-346811	03889922	
349905189	JP01	349905189JP01	Patent	JP	H11-115990	04154799	
349905250	US01	349905250US01	Patent	US	09/589066	06400657	
349905251	US01	349905251US01	Patent	US	09/590539	06704754	
349905314	JP01	349905314JP01	Patent	JP	2000-000488	03924101	
861400020	US01	861400020US01	Patent	US	15/305509		
861400020	CN01	861400020CN01	Patent	CN	201410160814.1		
861400020	JP01	861400020JP01	Patent	JP	2016-563782		
DM0000002	US01	DM0000002US01	Design	US	29/555817	790621	
DM0000002	CN01	DM0000002CN01	Design	CN	201630051089.4	ZL201630051089.4	
DM0000002	EM01	DM0000002EM01	Design	EM	002982074-0001	002982074-0001	
DM0000002	JP01	DM0000002JP01	Design	JP	2015-022499	01560019	
DM1500003	JP01	DM1500003JP01	Design	JP	2015-029191	01550978	
DM1700012	JP01	DM1700012JP01	Design	JP	2017-015176		
DMKMD0302	JP01	DMKMD0302JP01	Design	JP	2003-005189	01199229	
DMKMD0303	JP01	DMKMD0303JP01	Design	JP	2003-005193	01193522	
DMKMD0304	JP01	DMKMD0304JP01	Design	JP	2003-005194	01193689	
DMKMD0305	JP01	DMKMD0305JP01	Design	JP	2003-005195	01193690	
DMKMD0306	JP01	DMKMD0306JP01	Design	JP	2003-005196	01199230	
DMKMD0307	JP01	DMKMD0307JP01	Design	JP	2003-006725	01220154	
DMKMD0329	JP01	DMKMD0329JP01	Design	JP	2003-032055	01207248	
DMKMD0330	JP01	DMKMD0330JP01	Design	JP	2003-032056	01207249	
DMKMD0331	JP01	DMKMD0331JP01	Design	JP	2003-032057	01207250	
DMKMD0332	JP01	DMKMD0332JP01	Design	JP	2003-032058	01207251	
DMKMD0501	JP01	DMKMD0501JP01	Design	JP	2005-003082	01249964	
DMKMD0502	JP01	DMKMD0502JP01	Design	JP	2005-003083	01250767	
DMKMD0503	JP01	DMKMD0503JP01	Design	JP	2005-003089	01250137	
DMKMD0504	JP01	DMKMD0504JP01	Design	JP	2005-003084	01250136	
DMKMD0505	JP01	DMKMD0505JP01	Design	JP	2005-003090	01250149	
PM0000009	WO01	PM0000009WO01	Patent	WO	PCT/JP2015/079052		
PM0000010	WO01	PM0000010WO01	Patent	WO	PCT/JP2015/070998		
PM0000012	WO01	PM0000012WO01	Patent	WO	PCT/JP2015/070527		
PM0000013	WO01	PM0000013WO01	Patent	WO	PCT/JP2015/077689		
PM0000014	JP01	PM0000014JP01	Patent	JP	2015-148399		
PM0000015	JP01	PM0000015JP01	Patent	JP	2015-149626		
PM0000020	JP01	PM0000020JP01	Patent	JP	2015-225336		
PM0000021	JP02	PM0000021JP02	Patent	JP	2016-037677		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PM0000021	WO01	PM0000021WO01	Patent	WO	PCT/JP2016/077739		
PM0000022	JP02	PM0000022JP02	Patent	JP	2016-038577		
PM0000026	WO01	PM0000026WO01	Patent	WO	PCT/JP2015/075764		
PM0000029	WO01	PM0000029WO01	Patent	WO	PCT/JP2015/078280		
PM0000030	WO01	PM0000030WO01	Patent	WO	PCT/JP2015/078590		
PM0000036	WO01	PM0000036WO01	Patent	WO	PCT/JP2015/077286		
PM0000037	WO01	PM0000037WO01	Patent	WO	PCT/JP2015/078704		
PM0000038	WO01	PM0000038WO01	Patent	WO	PCT/JP2015/078728		
PM0000040	WO01	PM0000040WO01	Patent	WO	PCT/JP2015/086223		
PM0000041	JP01	PM0000041JP01	Patent	JP	2015-225337		
PM0000041	WO01	PM0000041WO01	Patent	WO	PCT/JP2016/083752		
PM0000043	WO01	PM0000043WO01	Patent	WO	PCT/JP2015/078793		
PM0000047	WO01	PM0000047WO01	Patent	WO	PCT/JP2015/079200		
PM0000048	JP02	PM0000048JP02	Patent	JP	2016-040170		
PM0000049	JP02	PM0000049JP02	Patent	JP	2016-040577		
PM0000051	JP02	PM0000051JP02	Patent	JP	2016-042234		
PM0000054	WO01	PM0000054WO01	Patent	WO	PCT/JP2015/078794		
PM0000057	WO01	PM0000057WO01	Patent	WO	PCT/JP2015/076689		
PM0000058	WO01	PM0000058WO01	Patent	WO	PCT/JP2015/079778		
PM0000065	WO01	PM0000065WO01	Patent	WO	PCT/JP2015/078792		
PM0000066	JP01	PM0000066JP01	Patent	JP	2016-001729		
PM0000075	WO01	PM0000075WO01	Patent	WO	PCT/JP2015/082344		
PM0000081	WO01	PM0000081WO01	Patent	WO	PCT/JP2015/078677		
PM0000082	WO01	PM0000082WO01	Patent	WO	PCT/JP2015/079214		
PM0000084	JP01	PM0000084JP01	Patent	JP	2015-253456		
PM0000084	WO01	PM0000084WO01	Patent	WO	PCT/JP2016/086576		
PM0000085	JP01	PM0000085JP01	Patent	JP	2015-227854		
PM0000086	JP01	PM0000086JP01	Patent	JP	2015-228489		
PM0000086	WO01	PM0000086WO01	Patent	WO	PCT/JP2016/083951		
PM0000090	JP01	PM0000090JP01	Patent	JP	2016-014533		
PM0000090	WO01	PM0000090WO01	Patent	WO	PCT/JP2017/000664		
PM0000095	JP01	PM0000095JP01	Patent	JP	2016-009871		
PM0000095	WO01	PM0000095WO01	Patent	WO	PCT/JP2017/001933		
PM1500003	WO01	PM1500003WO01	Patent	WO	PCT/JP2015/080156		
PM1500004	JP01	PM1500004JP01	Patent	JP	2015-226588		
PM1500005	JP01	PM1500005JP01	Patent	JP	2016-047223		
PM1500010	WO01	PM1500010WO01	Patent	WO	PCT/JP2016/057387		
PM1500011	WO01	PM1500011WO01	Patent	WO	PCT/JP2016/053685		
PM1500014	JP01	PM1500014JP01	Patent	JP	2015-250794		
PM1500016	WO01	PM1500016WO01	Patent	WO	PCT/JP2015/086299		
PM1500018	JP01	PM1500018JP01	Patent	JP	2015-253503		
PM1500022	WO01	PM1500022WO01	Patent	WO	PCT/JP2016/050505		
PM1500024	JP01	PM1500024JP01	Patent	JP	2016-048464		
PM1500024	WO01	PM1500024WO01	Patent	WO	PCT/JP2016/078439		
PM1500025	JP01	PM1500025JP01	Patent	JP	2016-071012		
PM1500025	WO01	PM1500025WO01	Patent	WO	PCT/JP2017/006828		
PM1500026	JP01	PM1500026JP01	Patent	JP	2016-088037		
PM1600002	WO01	PM1600002WO01	Patent	WO	PCT/JP2016/051418		
PM1600003	JP01	PM1600003JP01	Patent	JP	2016-020385		
PM1600003	WO01	PM1600003WO01	Patent	WO	PCT/JP2016/081629		
PM1600005	JP01	PM1600005JP01	Patent	JP	2016-020467		
PM1600005	WO01	PM1600005WO01	Patent	WO	PCT/JP2016/077950		
PM1600006	JP01	PM1600006JP01	Patent	JP	2016-020468		
PM1600006	WO01	PM1600006WO01	Patent	WO	PCT/JP2016/081628		
PM1600007	JP01	PM1600007JP01	Patent	JP	2016-021185		
PM1600007	WO01	PM1600007WO01	Patent	WO	PCT/JP2016/081886		
PM1600008	JP01	PM1600008JP01	Patent	JP	2016-024711		
PM1600009	JP01	PM1600009JP01	Patent	JP	2016-020471		
PM1600011	JP01	PM1600011JP01	Patent	JP	2016-105800		
PM1600012	JP01	PM1600012JP01	Patent	JP	2016-106379		
PM1600012	WO01	PM1600012WO01	Patent	WO	PCT/JP2017/018687		
PM1600014	JP01	PM1600014JP01	Patent	JP	2016-095268		
PM1600020	JP01	PM1600020JP01	Patent	JP	2016-062925		
PM1600020	WO01	PM1600020WO01	Patent	WO	PCT/JP2016/080181		
PM1600021	JP01	PM1600021JP01	Patent	JP	2016-053181		
PM1600023	JP01	PM1600023JP01	Patent	JP	2016-071034		
PM1600023	WO01	PM1600023WO01	Patent	WO	PCT/JP2016/086914		
PM1600025	JP01	PM1600025JP01	Patent	JP	2016-054594		
PM1600025	WO01	PM1600025WO01	Patent	WO	PCT/JP2016/081125		
PM1600026	JP01	PM1600026JP01	Patent	JP	2016-083539		
PM1600026	WO01	PM1600026WO01	Patent	WO	PCT/JP2017/015661		
PM1600027	JP01	PM1600027JP01	Patent	JP	2016-054581		
PM1600027	WO01	PM1600027WO01	Patent	WO	PCT/JP2016/081124		
PM1600028	JP01	PM1600028JP01	Patent	JP	2016-053184		
PM1600029	JP01	PM1600029JP01	Patent	JP	2016-061245		
PM1600030	WO01	PM1600030WO01	Patent	WO	PCT/JP2016/058511		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PM1600036	WO01	PM1600036WO01	Patent	WO	PCT/JP2016/065563		
PM1600042	JP01	PM1600042JP01	Patent	JP	2016-121612		
PM1600042	WO01	PM1600042WO01	Patent	WO	PCT/JP2017/020407		
PM1600043	JP01	PM1600043JP01	Patent	JP	2016-101472		
PM1600043	WO01	PM1600043WO01	Patent	WO	PCT/JP2017/018706		
PM1600045	WO01	PM1600045WO01	Patent	WO	PCT/JP2016/065508		
PM1600047	JP01	PM1600047JP01	Patent	JP	2016-124538		
PM1600047	WO01	PM1600047WO01	Patent	WO	PCT/JP2017/020460		
PM1600048	JP01	PM1600048JP01	Patent	JP	2016-093789		
PM1600049	JP01	PM1600049JP01	Patent	JP	2016-089542		
PM1600050	JP01	PM1600050JP01	Patent	JP	2016-076024		
PM1600051	JP01	PM1600051JP01	Patent	JP	2016-076283		
PM1600051	WO01	PM1600051WO01	Patent	WO	PCT/JP2017/007738		
PM1600053	WO01	PM1600053WO01	Patent	WO	PCT/JP2016/070078		
PM1600054	JP01	PM1600054JP01	Patent	JP	2016-090573		
PM1600054	WO01	PM1600054WO01	Patent	WO	PCT/JP2017/007737		
PM1600055	WO01	PM1600055WO01	Patent	WO	PCT/JP2016/069710		
PM1600057	WO01	PM1600057WO01	Patent	WO	PCT/JP2016/063068		
PM1600059	JP01	PM1600059JP01	Patent	JP	2016-131929		
PM1600060	WO01	PM1600060WO01	Patent	WO	PCT/JP2016/065991		
PM1600065	WO01	PM1600065WO01	Patent	WO	PCT/JP2016/065081		
PM1600066	JP01	PM1600066JP01	Patent	JP	2016-119951		
PM1600068	WO01	PM1600068WO01	Patent	WO	PCT/JP2016/075060		
PM1600076	WO01	PM1600076WO01	Patent	WO	PCT/JP2016/063069		
PM1600081	WO01	PM1600081WO01	Patent	WO	PCT/JP2016/069949		
PM1600084	JP01	PM1600084JP01	Patent	JP	2016-106819		
PM1600084	WO01	PM1600084WO01	Patent	WO	PCT/JP2017/016181		
PM1600092	JP01	PM1600092JP01	Patent	JP	2016-152234		
PM1600092	WO01	PM1600092WO01	Patent	WO	PCT/JP2017/022384		
PM1600109	WO01	PM1600109WO01	Patent	WO	PCT/JP2016/069340		
PM1600112	WO01	PM1600112WO01	Patent	WO	PCT/JP2016/066612		
PM1600114	JP01	PM1600114JP01	Patent	JP	2016-184147		
PM1600114	WO01	PM1600114WO01	Patent	WO	PCT/JP2017/024283		
PM1600119	JP01	PM1600119JP01	Patent	JP	2016-149630		
PM1600121	JP01	PM1600121JP01	Patent	JP	2016-113529		
PM1600129	WO01	PM1600129WO01	Patent	WO	PCT/JP2016/077930		
PM1600131	WO01	PM1600131WO01	Patent	WO	PCT/JP2016/073057		
PM1600135	WO01	PM1600135WO01	Patent	WO	PCT/JP2016/077306		
PM1600139	JP01	PM1600139JP01	Patent	JP	2016-119027		
PM1600140	JP01	PM1600140JP01	Patent	JP	2016-119505		
PM1600141	JP01	PM1600141JP01	Patent	JP	2016-120411		
PM1600142	JP01	PM1600142JP01	Patent	JP	2016-121862		
PM1600142	WO01	PM1600142WO01	Patent	WO	PCT/JP2017/020106		
PM1600145	JP01	PM1600145JP01	Patent	JP	2016-134902		
PM1600145	WO01	PM1600145WO01	Patent	WO	PCT/JP2017/016182		
PM1600146	WO01	PM1600146WO01	Patent	WO	PCT/JP2016/072405		
PM1600155	WO01	PM1600155WO01	Patent	WO	PCT/JP2016/075999		
PM1600158	WO01	PM1600158WO01	Patent	WO	PCT/JP2016/082659		
PM1600162	JP01	PM1600162JP01	Patent	JP	2016-198782		
PM1600167	WO01	PM1600167WO01	Patent	WO	PCT/JP2016/071118		
PM1600171	JP01	PM1600171JP01	Patent	JP	2016-166723		
PM1600171	WO01	PM1600171WO01	Patent	WO	PCT/JP2017/025374		
PM1600172	WO01	PM1600172WO01	Patent	WO	PCT/JP2016/076383		
PM1600173	JP01	PM1600173JP01	Patent	JP	2016-172573		
PM1600173	WO01	PM1600173WO01	Patent	WO	PCT/JP2017/031027		
PM1600174	JP01	PM1600174JP01	Patent	JP	2016-155237		
PM1600174	WO01	PM1600174WO01	Patent	WO	PCT/JP2017/023186		
PM1600175	JP01	PM1600175JP01	Patent	JP	2016-167819		
PM1600175	WO01	PM1600175WO01	Patent	WO	PCT/JP2017/023187		
PM1600183	WO01	PM1600183WO01	Patent	WO	PCT/JP2016/083060		
PM1600191	JP01	PM1600191JP01	Patent	JP	2016-155563		
PM1600191	WO01	PM1600191WO01	Patent	WO	PCT/JP2017/012662		
PM1600199	JP01	PM1600199JP01	Patent	JP	2016-173548		
PM1600199	WO01	PM1600199WO01	Patent	WO	PCT/JP2017/027834		
PM1600204	JP01	PM1600204JP01	Patent	JP	2016-201687		
PM1600205	JP01	PM1600205JP01	Patent	JP	2016-202497		
PM1600206	JP01	PM1600206JP01	Patent	JP	2016-207992		
PM1600211	JP01	PM1600211JP01	Patent	JP	2016-192105		
PM1600211	WO01	PM1600211WO01	Patent	WO	PCT/JP2017/035016		
PM1600216	JP01	PM1600216JP01	Patent	JP	2016-177427		
PM1600216	WO01	PM1600216WO01	Patent	WO	PCT/JP2017/012664		
PM1600217	JP01	PM1600217JP01	Patent	JP	2016-196500		
PM1600226	JP01	PM1600226JP01	Patent	JP	2016-244054		
PM1600227	JP01	PM1600227JP01	Patent	JP	2016-173306		
PM1600228	JP01	PM1600228JP01	Patent	JP	2016-174552		
PM1600229	JP01	PM1600229JP01	Patent	JP	2016-175245		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PM1600230	JP01	PM1600230JP01	Patent	JP		2016-176043	
PM1600231	JP01	PM1600231JP01	Patent	JP		2016-177214	
PM1600231	WO01	PM1600231WO01	Patent	WO			Preparing for filing
PM1600234	WO01	PM1600234WO01	Patent	WO	PCT/JP2016/082467		
PM1600236	JP01	PM1600236JP01	Patent	JP		2016-176428	
PM1600237	JP01	PM1600237JP01	Patent	JP		2016-177312	
PM1600238	JP01	PM1600238JP01	Patent	JP		2016-177430	
PM1600241	JP01	PM1600241JP01	Patent	JP		2016-178172	
PM1600242	JP01	PM1600242JP01	Patent	JP		2016-178241	
PM1600245	WO01	PM1600245WO01	Patent	WO	PCT/JP2016/083997		
PM1600247	JP01	PM1600247JP01	Patent	JP		2016-214369	
PM1600248	WO01	PM1600248WO01	Patent	WO	PCT/JP2016/087832		
PM1600251	JP01	PM1600251JP01	Patent	JP		2016-249091	
PM1600252	JP01	PM1600252JP01	Patent	JP		2016-231523	
PM1600253	JP01	PM1600253JP01	Patent	JP		2016-237318	
PM1600254	JP01	PM1600254JP01	Patent	JP		2016-245148	
PM1600255	JP01	PM1600255JP01	Patent	JP		2016-249092	
PM1600280	WO01	PM1600280WO01	Patent	WO	PCT/JP2016/079540		
PM1600282	WO01	PM1600282WO01	Patent	WO	PCT/JP2016/079488		
PM1600290	JP01	PM1600290JP01	Patent	JP		2016-244247	
PM1600293	JP01	PM1600293JP01	Patent	JP		2017-011047	
PM1600296	JP01	PM1600296JP01	Patent	JP		2016-232985	
PM1600297	JP01	PM1600297JP01	Patent	JP		2016-230927	
PM1600305	WO01	PM1600305WO01	Patent	WO	PCT/JP2016/086108		
PM1600307	JP01	PM1600307JP01	Patent	JP		2016-231534	
PM1600309	JP01	PM1600309JP01	Patent	JP		2016-232989	
PM1600312	JP01	PM1600312JP01	Patent	JP		2016-232991	
PM1600326	JP01	PM1600326JP01	Patent	JP		2016-225659	
PM1600327	JP01	PM1600327JP01	Patent	JP		2017-064337	
PM1600328	JP01	PM1600328JP01	Patent	JP		2017-064338	
PM1600329	JP01	PM1600329JP01	Patent	JP			Preparing for filing
PM1600332	JP01	PM1600332JP01	Patent	JP		2016-197128	
PM1600333	JP01	PM1600333JP01	Patent	JP		2017-005231	
PM1600348	JP01	PM1600348JP01	Patent	JP		2016-206543	
PM1600349	JP01	PM1600349JP01	Patent	JP		2016-207443	
PM1600350	JP01	PM1600350JP01	Patent	JP		2016-208361	
PM1600351	JP01	PM1600351JP01	Patent	JP		2016-209319	
PM1600352	JP01	PM1600352JP01	Patent	JP		2016-210678	
PM1600354	JP01	PM1600354JP01	Patent	JP		2016-211795	
PM1600355	JP01	PM1600355JP01	Patent	JP		2016-212509	
PM1600356	JP01	PM1600356JP01	Patent	JP		2016-214010	
PM1600357	JP01	PM1600357JP01	Patent	JP		2016-214928	
PM1600359	JP01	PM1600359JP01	Patent	JP		2016-215839	
PM1600359	WO01	PM1600359WO01	Patent	WO			Preparing for filing
PM1600360	JP01	PM1600360JP01	Patent	JP		2016-245465	
PM1600397	JP01	PM1600397JP01	Patent	JP		2017-023248	
PM1600401	WO01	PM1600401WO01	Patent	WO	PCT/JP2017/003639		
PM1600403	WO01	PM1600403WO01	Patent	WO	PCT/JP2017/003711		
PM1600412	WO01	PM1600412WO01	Patent	WO	PCT/JP2017/006823		
PM1600414	WO01	PM1600414WO01	Patent	WO	PCT/JP2017/003236		
PM1600419	WO01	PM1600419WO01	Patent	WO	PCT/JP2017/004787		
PM1600422	WO01	PM1600422WO01	Patent	WO	PCT/JP2017/009255		
PM1600429	JP01	PM1600429JP01	Patent	JP		2016-232462	
PM1600429	WO01	PM1600429WO01	Patent	WO	PCT/JP2017/020105		
PM1600433	WO01	PM1600433WO01	Patent	WO	PCT/JP2017/008228		
PM1600452	WO01	PM1600452WO01	Patent	WO	PCT/JP2016/088525		
PM1600461	WO01	PM1600461WO01	Patent	WO	PCT/JP2017/003422		
PM1600463	JP01	PM1600463JP01	Patent	JP			Preparing for filing
PM1700003	JP01	PM1700003JP01	Patent	JP		2017-002896	
PM1700005	JP01	PM1700005JP01	Patent	JP		2017-045574	
PM1700013	JP01	PM1700013JP01	Patent	JP		2017-046877	
PM1700014	JP01	PM1700014JP01	Patent	JP		2017-063195	
PM1700016	WO01	PM1700016WO01	Patent	WO	PCT/JP2017/010206		
PM1700019	JP01	PM1700019JP01	Patent	JP		2017-082473	
PM1700025	JP01	PM1700025JP01	Patent	JP		2017-083330	
PM1700026	JP01	PM1700026JP01	Patent	JP		2017-084188	
PM1700027	JP01	PM1700027JP01	Patent	JP		2017-047795	
PM1700028	JP01	PM1700028JP01	Patent	JP		2017-026078	
PM1700033	WO01	PM1700033WO01	Patent	WO	PCT/JP2017/013357		
PM1700034	WO01	PM1700034WO01	Patent	WO	PCT/JP2017/008130		
PM1700035	JP01	PM1700035JP01	Patent	JP		2017-012906	
PM1700042	WO01	PM1700042WO01	Patent	WO	PCT/JP2017/021304		
PM1700044	JP01	PM1700044JP01	Patent	JP		2017-052831	
PM1700074	WO01	PM1700074WO01	Patent	WO	PCT/JP2017/023973		
PM1700081	WO01	PM1700081WO01	Patent	WO	PCT/JP2017/019002		
PM1700082	JP01	PM1700082JP01	Patent	JP		2017-065234	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PM1700083	WO01	PM1700083WO01	Patent	WO	PCT/JP2017/016787		
PM1700090	WO01	PM1700090WO01	Patent	WO	PCT/JP2017/022501		
PM1700091	WO01	PM1700091WO01	Patent	WO	PCT/JP2017/023083		
PM1700092	JP01	PM1700092JP01	Patent	JP	2017-096056		
PM1700095	JP01	PM1700095JP01	Patent	JP	2017-095285		
PM1700096	JP01	PM1700096JP01	Patent	JP	2017-100777		
PM1700097	JP01	PM1700097JP01	Patent	JP	2017-099459		
PM1700098	JP01	PM1700098JP01	Patent	JP	2017-101231		
PM1700099	JP01	PM1700099JP01	Patent	JP	2017-096057		
PM1700105	WO01	PM1700105WO01	Patent	WO	PCT/JP2017/020694		
PM1700106	JP01	PM1700106JP01	Patent	JP	2017-097028		
PM1700111	JP01	PM1700111JP01	Patent	JP			Preparing for filing
PM1700114	JP01	PM1700114JP01	Patent	JP			Preparing for filing
PM1700116	JP01	PM1700116JP01	Patent	JP			Preparing for filing
PM1700117	JP01	PM1700117JP01	Patent	JP	2017-079289		
PM1700129	WO01	PM1700129WO01	Patent	WO	PCT/JP2017/024215		
PM1700130	WO01	PM1700130WO01	Patent	WO	PCT/JP2017/025456		
PM1700145	WO01	PM1700145WO01	Patent	WO	PCT/JP2017/027983		
PM1700146	JP01	PM1700146JP01	Patent	JP	2017-102760		
PM1700148	JP01	PM1700148JP01	Patent	JP	2017-109413		
PM1700150	JP01	PM1700150JP01	Patent	JP			Preparing for filing
PM1700151	JP01	PM1700151JP01	Patent	JP	2017-106431		
PM1700155	JP01	PM1700155JP01	Patent	JP	2017-106624		
PM1700169	JP01	PM1700169JP01	Patent	JP	2017-102752		
PM1700170	JP01	PM1700170JP01	Patent	JP			Preparing for filing
PM1700172	JP01	PM1700172JP01	Patent	JP	2017-133469		
PM1700175	JP01	PM1700175JP01	Patent	JP	2017-133484		
PM1700178	JP01	PM1700178JP01	Patent	JP	2017-146497		
PM1700181	WO01	PM1700181WO01	Patent	WO	PCT/JP2017/016400		
PM1700183	WO01	PM1700183WO01	Patent	WO	PCT/JP2017/022240		
PM1700184	JP01	PM1700184JP01	Patent	JP	2017-118315		
PM1700187	WO01	PM1700187WO01	Patent	WO	PCT/JP2017/033083		
PM1700188	WO01	PM1700188WO01	Patent	WO	PCT/JP2017/033725		
PM1700199	WO01	PM1700199WO01	Patent	WO	PCT/JP2017/015879		
PM1700212	JP01	PM1700212JP01	Patent	JP	2017-144140		
PM1700218	JP01	PM1700218JP01	Patent	JP	2017-124317		
PM1700232	JP01	PM1700232JP01	Patent	JP	2017-133116		
PM1700233	JP01	PM1700233JP01	Patent	JP	2017-128862		
PM1700234	JP01	PM1700234JP01	Patent	JP	2017-183717		
PM1700235	JP01	PM1700235JP01	Patent	JP	2017-183719		
PM1700237	JP01	PM1700237JP01	Patent	JP	2017-133604		
PM1700240	WO01	PM1700240WO01	Patent	WO	PCT/JP2017/024545		
PM1700252	WO01	PM1700252WO01	Patent	WO	PCT/JP2017/36027		
PM1700264	WO01	PM1700264WO01	Patent	WO	PCT/JP2017/027460		
PM1700270	WO01	PM1700270WO01	Patent	WO	PCT/JP2017/022161		
PM1700273	JP01	PM1700273JP01	Patent	JP	2017-121606		
PM1700274	JP01	PM1700274JP01	Patent	JP	2017-121822		
PM1700275	JP01	PM1700275JP01	Patent	JP	2017-122719		
PM1700282	WO01	PM1700282WO01	Patent	WO	PCT/JP2017/023588		
PM1700290	JP01	PM1700290JP01	Patent	JP	2017-135132		
PM1700300	JP01	PM1700300JP01	Patent	JP	2017-188332		
PM1700303	JP01	PM1700303JP01	Patent	JP	2017-136327		
PM1700304	JP01	PM1700304JP01	Patent	JP			Preparing for filing
PM1700306	WO01	PM1700306WO01	Patent	WO			Preparing for filing
PM1700308	WO01	PM1700308WO01	Patent	WO	PCT/JP2017/032259		
PM1700312	JP01	PM1700312JP01	Patent	JP	2017-150679		
PM1700313	JP01	PM1700313JP01	Patent	JP	2017-169304		
PM1700349	JP01	PM1700349JP01	Patent	JP			Preparing for filing
PM1700355	JP01	PM1700355JP01	Patent	JP	2017-175546		
PM1700356	JP01	PM1700356JP01	Patent	JP			Preparing for filing
PM1700361	JP01	PM1700361JP01	Patent	JP			Preparing for filing
PM1700376	JP01	PM1700376JP01	Patent	JP	2017-177342		
PM1700385	WO01	PM1700385WO01	Patent	WO			Preparing for filing
PM1700388	JP01	PM1700388JP01	Patent	JP			Preparing for filing
PM1700392	JP01	PM1700392JP01	Patent	JP			Preparing for filing
PM1700393	JP01	PM1700393JP01	Patent	JP			Preparing for filing
PM1700394	JP01	PM1700394JP01	Patent	JP			Preparing for filing
PM1700403	WO01	PM1700403WO01	Patent	WO			Preparing for filing
PM1700404	JP01	PM1700404JP01	Patent	JP			Preparing for filing
PM1700405	JP01	PM1700405JP01	Patent	JP			Preparing for filing
PM1700410	JP01	PM1700410JP01	Patent	JP			Preparing for filing
PM1700412	JP01	PM1700412JP01	Patent	JP			Preparing for filing
PM1700415	JP01	PM1700415JP01	Patent	JP			Preparing for filing
PM1700418	JP01	PM1700418JP01	Patent	JP			Preparing for filing
PM1700420	JP01	PM1700420JP01	Patent	JP			Preparing for filing
PM1700421	JP01	PM1700421JP01	Patent	JP			Preparing for filing

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PM1700423	JP01	PM1700423JP01	Patent	JP			Preparing for filing
PM1700425	WO01	PM1700425WO01	Patent	WO			Preparing for filing
PM1700426	WO01	PM1700426WO01	Patent	WO			Preparing for filing
PM1700427	WO01	PM1700427WO01	Patent	WO			Preparing for filing
PM1700435	JP01	PM1700435JP01	Patent	JP			Preparing for filing
PM1700436	JP01	PM1700436JP01	Patent	JP			Preparing for filing
PM1700438	JP01	PM1700438JP01	Patent	JP			Preparing for filing
PM1700439	WO01	PM1700439WO01	Patent	WO			Preparing for filing
PM1700443	JP01	PM1700443JP01	Patent	JP			Preparing for filing
PM1700444	JP01	PM1700444JP01	Patent	JP			Preparing for filing
PM1700445	JP01	PM1700445JP01	Patent	JP			Preparing for filing
PM1700449	JP01	PM1700449JP01	Patent	JP	2017-196578		
PM1700453	JP01	PM1700453JP01	Patent	JP			Preparing for filing
PM1700455	WO01	PM1700455WO01	Patent	WO			Preparing for filing
PM1700459	JP01	PM1700459JP01	Patent	JP			Preparing for filing
PM1700460	WO01	PM1700460WO01	Patent	WO			Preparing for filing
PM1700464	WO01	PM1700464WO01	Patent	WO			Preparing for filing
PM1700468	JP01	PM1700468JP01	Patent	JP			Preparing for filing
PM1700469	JP01	PM1700469JP01	Patent	JP			Preparing for filing
PM1700473	WO01	PM1700473WO01	Patent	WO			Preparing for filing
PM1700474	JP01	PM1700474JP01	Patent	JP			Preparing for filing
PMKMO1258	CN01	PMKMO1258CN01	Patent	CN	02815547.5	ZL02815547.5	
PMKMO1258	JP03	PMKMO1258JP03	Patent	JP	2005-164449	03720841	
PMKMO1258	JP04	PMKMO1258JP04	Patent	JP	2005-164450	03859679	
PMKMO1259	JP01	PMKMO1259JP01	Patent	JP	2001-238569	04647851	
PMKMO1259	JP02	PMKMO1259JP02	Patent	JP	2010-258226	05122634	
PMKMO1420	JP01	PMKMO1420JP01	Patent	JP	2001-334063	03910824	
PMKMO1501	US01	PMKMO1501US01	Patent	US	10/330289	6678096	
PMKMO1501	US02	PMKMO1501US02	Patent	US	10/670209	6836378	
PMKMO1501	US03	PMKMO1501US03	Patent	US	10/895352	6965482	
PMKMO1501	US04	PMKMO1501US04	Patent	US	10/985926	7414796	
PMKMO1501	US05	PMKMO1501US05	Patent	US	12/176134	7733578	
PMKMO1501	CN01	PMKMO1501CN01	Patent	CN	03100404.0	ZL03100404.0	
PMKMO1501	CN02	PMKMO1501CN02	Patent	CN	200610101783.8	ZL200610101783.8	
PMKMO1501	JP02	PMKMO1501JP02	Patent	JP	2002-267451	03518684	
PMKMO1501	JP03	PMKMO1501JP03	Patent	JP	2003-386516	03708100	
PMKMO1501	JP04	PMKMO1501JP04	Patent	JP	2003-386578	03974102	
PMKMO1501	JP05	PMKMO1501JP05	Patent	JP	2005-260778	03854621	
PMKMO1501	JP06	PMKMO1501JP06	Patent	JP	2005-260785	03854622	
PMKMO1501	JP07	PMKMO1501JP07	Patent	JP	2005-260787	03854623	
PMKMO1501	JP08	PMKMO1501JP08	Patent	JP	2006-134191	04385035	
PMKMO1501	JP09	PMKMO1501JP09	Patent	JP	2006-198154	04385040	
PMKMO1501	KR01	PMKMO1501KR01	Patent	KR	10-2003-0001596	10-0804137	
PMKMO1510	JP01	PMKMO1510JP01	Patent	JP	2001-022060	03430208	
PMKMO1510	JP02	PMKMO1510JP02	Patent	JP	2002-366952	03485562	
PMKMO1510	JP03	PMKMO1510JP03	Patent	JP	2002-367096	04121365	
PMKMO1510	JP04	PMKMO1510JP04	Patent	JP	2003-331853	03789447	
PMKMO2044	JP01	PMKMO2044JP01	Patent	JP	2002-040578	04091313	
PMKMO2057	JP01	PMKMO2057JP01	Patent	JP	2002-072243	03440090	
PMKMO2082	US01	PMKMO2082US01	Patent	US	10/383547	6944377	
PMKMO2230	JP01	PMKMO2230JP01	Patent	JP	2002-361065	04497810	
PMKMO2246	JP02	PMKMO2246JP02	Patent	JP	2003-432940	04316370	
PMKMO2250	JP01	PMKMO2250JP01	Patent	JP	2002-231230	03989330	
PMKMO2348	JP01	PMKMO2348JP01	Patent	JP	2002-332505	04012048	
PMKMO2366	JP02	PMKMO2366JP02	Patent	JP	2003-381913	04181017	
PMKMO2398	US01	PMKMO2398US01	Patent	US	10/721458	7426078	
PMKMO2398	US02	PMKMO2398US02	Patent	US	12/216775	7803291	
PMKMO2398	US03	PMKMO2398US03	Patent	US	12/805758	8102604	
PMKMO2398	JP02	PMKMO2398JP02	Patent	JP	2003-390154	04551646	
PMKMO2398	JP03	PMKMO2398JP03	Patent	JP	2003-390156	04454292	
PMKMO2398	JP04	PMKMO2398JP04	Patent	JP	2009-285048	04480794	
PMKMO2398	JP05	PMKMO2398JP05	Patent	JP	2010-028829	05283644	
PMKMO2398	JP06	PMKMO2398JP06	Patent	JP	2010-087204	04855530	
PMKMO3047	JP01	PMKMO3047JP01	Patent	JP	2003-031499	04131673	
PMKMO3135	JP01	PMKMO3135JP01	Patent	JP	2003-197123	03845076	
PMKMO3140	US01	PMKMO3140US01	Patent	US	10/863339	7118933	
PMKMO3257	JP01	PMKMO3257JP01	Patent	JP	2003-173707	04035085	
PMKMO3270	JP01	PMKMO3270JP01	Patent	JP	2003-168393	03854590	
PMKMO3270	JP02	PMKMO3270JP02	Patent	JP	2006-189353	04385038	
PMKMO3284	JP01	PMKMO3284JP01	Patent	JP	2003-289643	04372483	
PMKMO3299	US01	PMKMO3299US01	Patent	US	10/886655	7411743	
PMKMO3299	CN01	PMKMO3299CN01	Patent	CN	200410069730.3	ZL200410069730.3	
PMKMO3299	JP01	PMKMO3299JP01	Patent	JP	2003-273055	03868932	
PMKMO3299	JP03	PMKMO3299JP03	Patent	JP	2009-246664	05007328	
PMKMO3299	JP04	PMKMO3299JP04	Patent	JP	2011-131420	05318910	
PMKMO3299	KR01	PMKMO3299KR01	Patent	KR	10-2004-0053381	10-1044419	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PMKM03345	JP01	PMKM03345JP01	Patent	JP	2003-363394	04303084	
PMKM03400	JP01	PMKM03400JP01	Patent	JP	2003-387433	04267429	
PMKM03412	US01	PMKM03412US01	Patent	US	10/941866	7389050	
PMKM03412	CN01	PMKM03412CN01	Patent	CN	200410074466.2	ZL200410074466.2	
PMKM03412	KR01	PMKM03412KR01	Patent	KR	10-2004-0074357	10-1061521	
PMKM03435	US01	PMKM03435US01	Patent	US	10/947322	7079322	
PMKM03435	CN01	PMKM03435CN01	Patent	CN	200410080156.1	ZL200410080156.1	
PMKM03435	JP02	PMKM03435JP02	Patent	JP	2004-276924	04757471	
PMKM03483	JP01	PMKM03483JP01	Patent	JP	2003-371126	03742412	
PMKM03486	JP02	PMKM03486JP02	Patent	JP	2004-095720	03742416	
PMKM04062	JP01	PMKM04062JP01	Patent	JP	2004-064003	04234626	
PMKM04122	JP01	PMKM04122JP01	Patent	JP	2004-156376	04454389	
PMKM04160	JP01	PMKM04160JP01	Patent	JP	2004-183820	04705342	
PMKM04160	JP02	PMKM04160JP02	Patent	JP	2010-120531	05009395	
PMKM04552	JP01	PMKM04552JP01	Patent	JP	2004-215611	04430475	
PMKM04553	US01	PMKM04553US01	Patent	US	11/197509	7457052	
PMKM04553	JP02	PMKM04553JP02	Patent	JP	2005-229160	04794237	
PMKM04556	US01	PMKM04556US01	Patent	US	11/183776	7755998	
PMKM04556	CN02	PMKM04556CN02	Patent	CN	200510085158.4	ZL200510085158.4	
PMKM04556	JP02	PMKM04556JP02	Patent	JP	2005-208897	04852271	
PMKM04556	JP03	PMKM04556JP03	Patent	JP	2005-208898	04531649	
PMKM04556	KR02	PMKM04556KR02	Patent	KR	10-2005-0066083	10-1258921	
PMKM04657	JP03	PMKM04657JP03	Patent	JP	2007-012604	04029111	
PMKM04686	US01	PMKM04686US01	Patent	US	11/252804	7586815	
PMKM04686	US02	PMKM04686US02	Patent	US	12/510350	7855940	
PMKM04686	CN01	PMKM04686CN01	Patent	CN	200510112893.X	ZL200510112893.X	
PMKM04686	JP02	PMKM04686JP02	Patent	JP	2005-281862	04008003	
PMKM04686	JP03	PMKM04686JP03	Patent	JP	2007-167378	04394136	
PMKM04686	JP04	PMKM04686JP04	Patent	JP	2007-167379	04394137	
PMKM04686	JP05	PMKM04686JP05	Patent	JP	2007-167380	04394138	
PMKM04822	US01	PMKM04822US01	Patent	US	11/332261	7419315	
PMKM04822	CN01	PMKM04822CN01	Patent	CN	200610001502.1	ZL200610001502.1	
PMKM04822	JP01	PMKM04822JP01	Patent	JP	2005-011784	04847020	
PMKM04822	JP02	PMKM04822JP02	Patent	JP	2010-238491	05406165	
PMKM04825	JP01	PMKM04825JP01	Patent	JP	2005-030309	04690065	
PMKM05045	US01	PMKM05045US01	Patent	US	11/405436	7787349	
PMKM05045	CN01	PMKM05045CN01	Patent	CN	201110206443.2	ZL201110206443.2	
PMKM05045	CN02	PMKM05045CN02	Patent	CN	200610076389.3	ZL200610076389.3	
PMKM05045	JP02	PMKM05045JP02	Patent	JP	2006-072846	05097353	
PMKM05045	JP03	PMKM05045JP03	Patent	JP	2010-211999	05289405	
PMKM05045	JP05	PMKM05045JP05	Patent	JP	2012-233027	05149461	
PMKM05045	JP06	PMKM05045JP06	Patent	JP	2012-233028	05149462	
PMKM05045	TW01	PMKM05045TW01	Patent	TW	95113459	I893135	
PMKM05175	US01	PMKM05175US01	Patent	US	11/455807	7396150	
PMKM05175	US02	PMKM05175US02	Patent	US	12/155443	7927520	
PMKM05175	CN01	PMKM05175CN01	Patent	CN	200610093051.9	ZL200610093051.9	
PMKM05175	JP01	PMKM05175JP01	Patent	JP	2005-179786	04503497	
PMKM05176	JP01	PMKM05176JP01	Patent	JP	2005-185510	04498987	
PMKM05183	JP01	PMKM05183JP01	Patent	JP	2005-269491	04607726	
PMKM05189	CN01	PMKM05189CN01	Patent	CN	200680021334.0	ZL200680021334.0	
PMKM05227	US01	PMKM05227US01	Patent	US	11/511302	7606120	
PMKM05227	CN01	PMKM05227CN01	Patent	CN	200610128628.5	ZL200610128628.5	
PMKM05228	CN01	PMKM05228CN01	Patent	CN	200610164544.7	ZL200610164544.7	
PMKM05246	JP01	PMKM05246JP01	Patent	JP	2005-265043	04912648	
PMKM05248	JP01	PMKM05248JP01	Patent	JP	2005-269492	04619248	
PMKM05251	US01	PMKM05251US01	Patent	US	11/519144	7605452	
PMKM05251	CN01	PMKM05251CN01	Patent	CN	200610151670.9	ZL200610151670.9	
PMKM05251	JP02	PMKM05251JP02	Patent	JP	2006-190075	05080758	
PMKM05262	JP01	PMKM05262JP01	Patent	JP	2005-343541	04617247	
PMKM05266	US01	PMKM05266US01	Patent	US	11/637088	7671510	
PMKM05282	JP01	PMKM05282JP01	Patent	JP	2006-073625	05060060	
PMKM05283	JP01	PMKM05283JP01	Patent	JP	2006-017347	04813192	
PMKM05363	JP01	PMKM05363JP01	Patent	JP	2006-084125	04896552	
PMKM06006	US01	PMKM06006US01	Patent	US	11/701375	7988371	
PMKM06006	CN01	PMKM06006CN01	Patent	CN	200710006504.4	ZL200710006504.4	
PMKM06006	CN02	PMKM06006CN02	Patent	CN	201210247792.3	ZL201210247792.3	
PMKM06006	JP01	PMKM06006JP01	Patent	JP	2006-026871	04695993	
PMKM06006	JP02	PMKM06006JP02	Patent	JP	2010-271249	04913240	
PMKM06006	KR01	PMKM06006KR01	Patent	KR	10-2007-0010552	10-1357291	
PMKM06006	TW01	PMKM06006TW01	Patent	TW	96101503	I437301	
PMKM06015	JP01	PMKM06015JP01	Patent	JP	2006-103088	04690235	
PMKM06075	US01	PMKM06075US01	Patent	US	11/882528	7728902	
PMKM06075	JP01	PMKM06075JP01	Patent	JP	2006-213009	05007082	
PMKM06089	US01	PMKM06089US01	Patent	US	11/729826	7446958	
PMKM06089	US02	PMKM06089US02	Patent	US	12/232801	7619836	
PMKM06089	CN01	PMKM06089CN01	Patent	CN	200710091375.3	ZL200710091375.3	



HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PMKM06089	JP02	PMKM06089JP02	Patent	JP	2007-059345	05022066	
PMKM06089	TW01	PMKM06089TW01	Patent	TW	96108992	I411812	
PMKM06090	JP01	PMKM06090JP01	Patent	JP	2006-231712	04771894	
PMKM06095	JP01	PMKM06095JP01	Patent	JP	2006-160357	05503831	
PMKM06096	JP01	PMKM06096JP01	Patent	JP	2006-160356	04873698	
PMKM06104	US01	PMKM06104US01	Patent	US	12/067281	7804650	
PMKM06104	JP01	PMKM06104JP01	Patent	JP	2006-126839	04105736	
PMKM06104	TW01	PMKM06104TW01	Patent	TW	96113367	I434076	
PMKM06112	JP01	PMKM06112JP01	Patent	JP	2006-126994	04824461	
PMKM06150	HK01	PMKM06150HK01	Patent	HK	08105276.6		
PMKM06150	JP02	PMKM06150JP02	Patent	JP	2006-281473	03898217	
PMKM06150	JP03	PMKM06150JP03	Patent	JP	2007-044473	04128602	
PMKM06183	US01	PMKM06183US01	Patent	US	11/878545	7670031	
PMKM06183	JP02	PMKM06183JP02	Patent	JP	2007-160114	04937845	
PMKM06205	US01	PMKM06205US01	Patent	US	11/984979	7980773	
PMKM06205	CN01	PMKM06205CN01	Patent	CN	200710196177.3	ZL200710196177.3	
PMKM06205	JP01	PMKM06205JP01	Patent	JP	2006-324096	04930989	
PMKM06205	KR01	PMKM06205KR01	Patent	KR	10-2007-0122899	10-1442060	
PMKM06240	US01	PMKM06240US01	Patent	US	12/373026	7911701	
PMKM06240	JP02	PMKM06240JP02	Patent	JP	2007-192781	05027583	
PMKM06240	TW01	PMKM06240TW01	Patent	TW	96131516	I452348	
PMKM06265	JP01	PMKM06265JP01	Patent	JP	2006-304349	04792373	
PMKM06348	US01	PMKM06348US01	Patent	US	11/984803	7801010	
PMKM06360	JP01	PMKM06360JP01	Patent	JP	2006-329874	04818896	
PMKM06361	US01	PMKM06361US01	Patent	US	12/520355	8300327	
PMKM06361	JP01	PMKM06361JP01	Patent	JP	2006-342105	05074017	
PMKM06366	US01	PMKM06366US01	Patent	US	11/979720	7742383	
PMKM06366	US02	PMKM06366US02	Patent	US	12/662173	7859978	
PMKM06366	US03	PMKM06366US03	Patent	US	12/656059	7830774	
PMKM06366	US04	PMKM06366US04	Patent	US	12/891239	8116189	
PMKM06366	US05	PMKM06366US05	Patent	US	13/043217	8184521	
PMKM06366	US06	PMKM06366US06	Patent	US	13/331036	8274876	
PMKM06366	US07	PMKM06366US07	Patent	US	13/331084	8270282	
PMKM06366	US08	PMKM06366US08	Patent	US	13/585431	8427926	
PMKM06366	CN01	PMKM06366CN01	Patent	CN	200710165039.9	ZL200710165039.9	
PMKM06366	CN02	PMKM06366CN02	Patent	CN	201110353287.2	ZL201110353287.2	
PMKM06366	JP01	PMKM06366JP01	Patent	JP	2006-303396	04850032	
PMKM06366	JP03	PMKM06366JP03	Patent	JP	2008-177372	04422775	
PMKM06366	JP07	PMKM06366JP07	Patent	JP	2009-217388	04426639	
PMKM06366	JP08	PMKM06366JP08	Patent	JP	2009-217581	04667519	
PMKM06366	JP09	PMKM06366JP09	Patent	JP	2009-283473	04477096	
PMKM06366	JP10	PMKM06366JP10	Patent	JP	2009-283482	05005021	
PMKM06366	JP13	PMKM06366JP13	Patent	JP	2010-107432	05005065	
PMKM06366	JP14	PMKM06366JP14	Patent	JP	2010-107433	05005066	
PMKM06366	JP15	PMKM06366JP15	Patent	JP	2011-188862	05005105	
PMKM06366	JP16	PMKM06366JP16	Patent	JP	2011-188863	05005106	
PMKM06366	JP17	PMKM06366JP17	Patent	JP	2011-188864	04999998	
PMKM06366	JP18	PMKM06366JP18	Patent	JP	2011-197135	04932957	
PMKM06366	JP19	PMKM06366JP19	Patent	JP	2011-197136	04932958	
PMKM06366	JP20	PMKM06366JP20	Patent	JP	2011-197137	04932959	
PMKM06366	JP21	PMKM06366JP21	Patent	JP	2011-197138	05000001	
PMKM06366	JP22	PMKM06366JP22	Patent	JP	2011-236611	05000005	
PMKM06366	JP23	PMKM06366JP23	Patent	JP	2011-256331	05000009	
PMKM06366	JP24	PMKM06366JP24	Patent	JP	2012-091509	05005121	
PMKM06366	JP25	PMKM06366JP25	Patent	JP	2012-096433	05356571	
PMKM06366	JP26	PMKM06366JP26	Patent	JP	2012-117525	05426721	
PMKM06366	JP27	PMKM06366JP27	Patent	JP	2013-213723	05827983	
PMKM06366	KR01	PMKM06366KR01	Patent	KR	10-2007-0113405	10-1237332	
PMKM06368	US01	PMKM06368US01	Patent	US	12/071560	8045279	
PMKM06368	CN01	PMKM06368CN01	Patent	CN	200810001592.3	ZL200810001592.3	
PMKM06368	JP01	PMKM06368JP01	Patent	JP	2007-053262	04404914	
PMKM06368	KR01	PMKM06368KR01	Patent	KR	10-2008-0019200	10-1447627	
PMKM06410	US01	PMKM06410US01	Patent	US	11/955114	8027519	
PMKM06410	CN01	PMKM06410CN01	Patent	CN	200710196840.X	ZL20071019684.X	
PMKM06410	JP01	PMKM06410JP01	Patent	JP	2006-336204	04832273	
PMKM06411	JP01	PMKM06411JP01	Patent	JP	2007-165586	04767915	
PMKM07057	JP01	PMKM07057JP01	Patent	JP	2007-072605	04999508	
PMKM07059	JP01	PMKM07059JP01	Patent	JP	2007-071483	04999506	
PMKM07059	JP02	PMKM07059JP02	Patent	JP	2012-088763	05437429	
PMKM07059	JP03	PMKM07059JP03	Patent	JP	2013-138453	05685625	
PMKM07063	US01	PMKM07063US01	Patent	US	12/142055	765283682	
PMKM07065	JP01	PMKM07065JP01	Patent	JP	2007-039522	04031517	
PMKM07065	JP02	PMKM07065JP02	Patent	JP	2007-243120	04878590	
PMKM07077	US01	PMKM07077US01	Patent	US	12/129486	8368839	
PMKM07077	CN01	PMKM07077CN01	Patent	CN	200810109804.X	ZL200810109804.X	
PMKM07077	JP02	PMKM07077JP02	Patent	JP	2007-298896	04250192	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PMKMO7077	JP03	PMKMO7077JP03	Patent	JP	2009-208777	04410840	
PMKMO7077	JP04	PMKMO7077JP04	Patent	JP	2009-208783	04410841	
PMKMO7077	JP05	PMKMO7077JP05	Patent	JP	2009-208788	04448555	
PMKMO7132	JP02	PMKMO7132JP02	Patent	JP	2008-168895	05495518	
PMKMO7141	JP01	PMKMO7141JP01	Patent	JP	2007-143909	05247065	
PMKMO7145	JP01	PMKMO7145JP01	Patent	JP	2007-209442	05047729	
PMKMO7177	JP01	PMKMO7177JP01	Patent	JP	2007-084784	04887195	
PMKMO7178	JP01	PMKMO7178JP01	Patent	JP	2007-110945	04827791	
PMKMO7198	US01	PMKMO7198US01	Patent	US	12/219761	7820968	
PMKMO7198	KR01	PMKMO7198KR01	Patent	KR	10-2008-0077605	10-1538723	
PMKMO7200	US01	PMKMO7200US01	Patent	US	09/041768	6215756	
PMKMO7200	US02	PMKMO7200US02	Patent	US	09/768310	6333908	
PMKMO7200	US03	PMKMO7200US03	Patent	US	09/946757	6430140	
PMKMO7200	US04	PMKMO7200US04	Patent	US	10/086723	6493307	
PMKMO7200	CN01	PMKMO7200CN01	Patent	CN	98105545.1	ZL98105545.1	
PMKMO7200	DE01	PMKMO7200DE01	Patent	DE	98103844.1	69840116.6	
PMKMO7200	DE02	PMKMO7200DE02	Patent	DE	07017029.5	1884944	
PMKMO7200	FR01	PMKMO7200FR01	Patent	FR	98103844.1	0865037	
PMKMO7200	FR02	PMKMO7200FR02	Patent	FR	07017029.5	1884944	
PMKMO7200	GB01	PMKMO7200GB01	Patent	GB	98103844.1	0865037	
PMKMO7200	GB02	PMKMO7200GB02	Patent	GB	07017029.5	1884944	
PMKMO7200	TW01	PMKMO7200TW01	Patent	TW	87103148	NI-174522	
PMKMO7202	US01	PMKMO7202US01	Patent	US	09/614191	6717906	
PMKMO7202	JP01	PMKMO7202JP01	Patent	JP	H11-211725	03858523	
PMKMO7202	JP02	PMKMO7202JP02	Patent	JP	2006-207372	04176117	
PMKMO7219	JP01	PMKMO7219JP01	Patent	JP	2007-221347	05026198	
PMKMO7220	JP01	PMKMO7220JP01	Patent	JP	2007-221357	05026199	
PMKMO7251	CN01	PMKMO7251CN01	Patent	CN	200810211041.X	ZL200810211041.X	
PMKMO7251	JP01	PMKMO7251JP01	Patent	JP	2007-218455	05291906	
PMKMO7258	JP01	PMKMO7258JP01	Patent	JP	2007-206168	04163243	
PMKMO7320	JP01	PMKMO7320JP01	Patent	JP	2007-229783	05260005	
PMKMO7330	JP01	PMKMO7330JP01	Patent	JP	2007-311509	04945414	
PMKMO7343	US01	PMKMO7343US01	Patent	US	12/286287	8085646	
PMKMO7343	CN01	PMKMO7343CN01	Patent	CN	200810215171.0	ZL200810215171.0	
PMKMO7344	CN01	PMKMO7344CN01	Patent	CN	200810177282.7	ZL200810177282.7	
PMKMO7348	JP01	PMKMO7348JP01	Patent	JP	2007-334378	04878027	
PMKMO7382	JP01	PMKMO7382JP01	Patent	JP	2008-202568	04690444	
PMKMO7394	JP02	PMKMO7394JP02	Patent	JP	2008-041293	04166818	
PMKMO8059	US01	PMKMO8059US01	Patent	US	12/937073	8526129	
PMKMO8059	CN01	PMKMO8059CN01	Patent	CN	200980112198.X	ZL200980112198.X	
PMKMO8059	JP01	PMKMO8059JP01	Patent	JP	2008-100942	05377880	
PMKMO8067	JP01	PMKMO8067JP01	Patent	JP	2008-036062	05350646	
PMKMO8099	US01	PMKMO8099US01	Patent	US	12/379797	7924685	
PMKMO8099	JP01	PMKMO8099JP01	Patent	JP	2008-054489	05075681	
PMKMO8121	JP02	PMKMO8121JP02	Patent	JP	2009-186513	04395197	
PMKMO8134	JP01	PMKMO8134JP01	Patent	JP	2008-176510	05674260	
PMKMO8154	US01	PMKMO8154US01	Patent	US	12/457385	8179619	
PMKMO8154	CN01	PMKMO8154CN01	Patent	CN	2009101498742	ZL2009101498742	
PMKMO8154	JP01	PMKMO8154JP01	Patent	JP	2008-174983	04508274	
PMKMO8154	JP02	PMKMO8154JP02	Patent	JP	2010-089377	05383581	
PMKMO8154	KR01	PMKMO8154KR01	Patent	KR	10-2009-0051291	10-1595411	
PMKMO8155	JP01	PMKMO8155JP01	Patent	JP	2008-139083	04845926	
PMKMO8156	JP01	PMKMO8156JP01	Patent	JP	2008-174977	05275707	
PMKMO8157	JP01	PMKMO8157JP01	Patent	JP	2008-174984	05339793	
PMKMO8159	JP01	PMKMO8159JP01	Patent	JP	2008-174982	05189420	
PMKMO8192	JP02	PMKMO8192JP02	Patent	JP	2013-210417	05646028	
PMKMO8213	JP02	PMKMO8213JP02	Patent	JP	2013-101549	05612161	
PMKMO8213	JP03	PMKMO8213JP03	Patent	JP	2014-178917	05913490	
PMKMO8234	JP01	PMKMO8234JP01	Patent	JP	2008-192442	05079618	
PMKMO8263	JP01	PMKMO8263JP01	Patent	JP	2008-215428	05091051	
PMKMO8267	US01	PMKMO8267US01	Patent	US	13/055571	9083870	
PMKMO8267	CN01	PMKMO8267CN01	Patent	CN	200980128675.1	ZL200980128675.1	
PMKMO8267	JP01	PMKMO8267JP01	Patent	JP	2008-192443	04372206	
PMKMO8279	CN01	PMKMO8279CN01	Patent	CN	200910164108.3	ZL200910164108.3	
PMKMO8279	JP01	PMKMO8279JP01	Patent	JP	2008-202699	05119080	
PMKMO8287	US01	PMKMO8287US01	Patent	US	12/560089	8340362	
PMKMO8320	JP01	PMKMO8320JP01	Patent	JP	2009-015045	04704476	
PMKMO8400	US01	PMKMO8400US01	Patent	US	13/058418	8463003	
PMKMO8400	CN01	PMKMO8400CN01	Patent	CN	200980132516.9	ZL200980132516.9	
PMKMO8400	EP01	PMKMO8400EP01	Patent	EP	09831653.2		
PMKMO8400	JP01	PMKMO8400JP01	Patent	JP	2008-312629	05079675	
PMKMO8427	US01	PMKMO8427US01	Patent	US	13/002235	8345363	
PMKMO8427	CN01	PMKMO8427CN01	Patent	CN	201080001973.7	ZL201080001973.7	
PMKMO9002	JP01	PMKMO9002JP01	Patent	JP	2009-097163	05180138	
PMKMO9010	JP01	PMKMO9010JP01	Patent	JP	2009-054523	04704478	
PMKMO9109	JP01	PMKMO9109JP01	Patent	JP	2009-134776	05322782	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PMKM09113	JP01	PMKM09113JP01	Patent	JP	2009-075461	05322722	
PMKM09189	JP02	PMKM09189JP02	Patent	JP	2014-130446	05848407	
PMKM09189	JP03	PMKM09189JP03	Patent	JP	2015-228006	06193957	
PMKM09189	JP04	PMKM09189JP04	Patent	JP	2017-155207		
PMKM09222	JP01	PMKM09222JP01	Patent	JP	2009-238113	05426313	
PMKM09222	JP03	PMKM09222JP03	Patent	JP	2015-126310	05843374	
PMKM09242	US01	PMKM09242US01	Patent	US	12/913911	8139933	
PMKM09242	CN01	PMKM09242CN01	Patent	CN	201010524938.5	Z201010524938.5	
PMKM09242	HK01	PMKM09242HK01	Patent	HK	11112002.8	1160712	
PMKM09242	JP01	PMKM09242JP01	Patent	JP	2009-252564	05211015	
PMKM09242	KR01	PMKM09242KR01	Patent	KR	10-2010-0108547	10-1148584	
PMKM09242	TW01	PMKM09242TW01	Patent	TW	099133102	I447466	
PMKM09316	JP01	PMKM09316JP01	Patent	JP	2010-029422	04744636	
PMKM09348	JP01	PMKM09348JP01	Patent	JP	2010-022166	04764947	
PMKM10210	JP01	PMKM10210JP01	Patent	JP	2010-248759	05466620	
PMKM10283	JP01	PMKM10283JP01	Patent	JP	2011-045197	05613593	
PMKM11011	US01	PMKM11011US01	Patent	US	13/768731	9314943	
PMKM11011	JP01	PMKM11011JP01	Patent	JP	2013-503275	05675956	
PMKM11011	JP02	PMKM11011JP02	Patent	JP	2014-260363	05823015	
PMKM11011	JP03	PMKM11011JP03	Patent	JP	2015-197559	06099716	
PMKM11103	US01	PMKM11103US01	Patent	US	13/926482	8980147	
PMKM11103	US02	PMKM11103US02	Patent	US	14/572389	9186634	
PMKM11103	US03	PMKM11103US03	Patent	US	14/885376		
PMKM11103	DE01	PMKM11103DE01	Patent	DE	12825434.9	2746025	
PMKM11103	JP02	PMKM11103JP02	Patent	JP	2012-553107	05226904	
PMKM11103	JP03	PMKM11103JP03	Patent	JP	2013-047805	05956369	
PMKM11103	JP04	PMKM11103JP04	Patent	JP	2016-022613	06109360	
PMKM12017	JP01	PMKM12017JP01	Patent	JP	2012-029553	05706839	
PMKM12063	JP01	PMKM12063JP01	Patent	JP	2012-129720	06068010	
PMKM12064	JP01	PMKM12064JP01	Patent	JP	2012-135080	05970251	
PMKM12066	US01	PMKM12066US01	Patent	US	14/521886		
PMKM12066	CN01	PMKM12066CN01	Patent	CN	201380021101.0		
PMKM12066	JP01	PMKM12066JP01	Patent	JP	2012-098242		
PMKM12070	JP01	PMKM12070JP01	Patent	JP	2013-053991	06174344	
PMKM12070	JP02	PMKM12070JP02	Patent	JP	2017-130869		
PMKM12194	JP01	PMKM12194JP01	Patent	JP	2012-288861	06059012	
PMKM12228	US01	PMKM12228US01	Patent	US	14/819100		
PMKM12228	EP01	PMKM12228EP01	Patent	EP	14751473.1		
PMKM12228	JP01	PMKM12228JP01	Patent	JP	2013-028568	06045386	
PMKM12279	JP01	PMKM12279JP01	Patent	JP	2010-218586	05580707	
PMKM12520	JP01	PMKM12520JP01	Patent	JP	2008-050139	05201664	
PMKM12523	JP01	PMKM12523JP01	Patent	JP	2008-259363	05522709	
PMKM12524	JP01	PMKM12524JP01	Patent	JP	2009-053251	05576614	
PMKM12700	JP01	PMKM12700JP01	Patent	JP	2001-045125	04700821	
PMKM12701	JP01	PMKM12701JP01	Patent	JP	2004-310674	04671660	
PMKM12702	JP02	PMKM12702JP02	Patent	JP	2004-209352	04671635	
PMKM12703	JP02	PMKM12703JP02	Patent	JP	2005-086549	04542933	
PMKM12704	JP01	PMKM12704JP01	Patent	JP	2003-420849	04344229	
PMKM12705	JP01	PMKM12705JP01	Patent	JP	2000-242231	04268323	
PMKM12706	JP01	PMKM12706JP01	Patent	JP	2003-191850	04248956	
PMKM12707	JP01	PMKM12707JP01	Patent	JP	2002-329864	04099037	
PMKM12708	JP01	PMKM12708JP01	Patent	JP	2002-033898	04090246	
PMKM12709	JP01	PMKM12709JP01	Patent	JP	2004-094209	04027335	
PMKM12710	JP01	PMKM12710JP01	Patent	JP	2007-104367	03989010	
PMKM12711	JP03	PMKM12711JP03	Patent	JP	2003-295320	03976714	
PMKM12712	US01	PMKM12712US01	Patent	US	10/532382	7251083	Need two-step proceedings (MFT⇒HMX⇒MX) MFT: Maxell Fine Tech
PMKM12712	US02	PMKM12712US02	Patent	US	11/639096	7388721	Need two-step proceedings (MFT⇒HMX⇒MX) MFT: Maxell Fine Tech
PMKM12712	US03	PMKM12712US03	Patent	US	11/788307	7400454	Need two-step proceedings (MFT⇒HMX⇒MX) MFT: Maxell Fine Tech
PMKM12712	CN01	PMKM12712CN01	Patent	CN	200380101917.0	ZL200380101917.0	
PMKM12712	JP01	PMKM12712JP01	Patent	JP	2003-295296	03955000	
PMKM12712	KR01	PMKM12712KR01	Patent	KR	10-2005-7007021	10-0741626	
PMKM12712	KR02	PMKM12712KR02	Patent	KR	10-2007-7004495	10-0788546	
PMKM12714	JP02	PMKM12714JP02	Patent	JP	2001-382460	03891837	
PMKM12715	JP01	PMKM12715JP01	Patent	JP	2003-311172	04516730	

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PMKM12717	JP01	PMKM12717JP01	Patent	JP	2006-106295	05319874	
PMKM12719	JP01	PMKM12719JP01	Patent	JP	2010-075382	05369038	
PMKM12720	JP01	PMKM12720JP01	Patent	JP	2010-075392	05416633	
PMKM12720	JP02	PMKM12720JP02	Patent	JP	2013-236918	05892993	
PMKM12723	CN01	PMKM12723CN01	Patent	CN	201180033357.4	ZL201180033357.4	
PMKM12723	JP01	PMKM12723JP01	Patent	JP	2010-154943	05683150	
PMKM12724	JP01	PMKM12724JP01	Patent	JP	2011-278941	05634977	
PMKM12725	JP01	PMKM12725JP01	Patent	JP	2010-246850	05829803	
PMKM12725	JP02	PMKM12725JP02	Patent	JP	2015-126315	06014723	
PMKM12726	JP01	PMKM12726JP01	Patent	JP	2010-224427	05279787	
PMKM12727	JP01	PMKM12727JP01	Patent	JP	2010-276301	05587756	
PMKM12730	JP01	PMKM12730JP01	Patent	JP	2011-014840	05739678	
PMKM12732	JP03	PMKM12732JP03	Patent	JP	2017-067226		
PMKM12735	US01	PMKM12735US01	Patent	US	14/237483		
PMKM12735	CN01	PMKM12735CN01	Patent	CN	201280039235.0	ZL201280039235.0	
PMKM12738	JP01	PMKM12738JP01	Patent	JP	2011-206575	06001836	
PMKM12739	US01	PMKM12739US01	Patent	US	14/371944		
PMKM12739	CN01	PMKM12739CN01	Patent	CN	201380010631.5	ZL201380010631.5	
PMKM12739	JP01	PMKM12739JP01	Patent	JP	2012-039330	05893437	
PMKM12739	JP02	PMKM12739JP02	Patent	JP	2016-031965	06049924	
PMKM12745	US01	PMKM12745US01	Patent	US	14/375968	9360656	
PMKM12745	US02	PMKM12745US02	Patent	US	15/139646	09632292	
PMKM12745	US03	PMKM12745US03	Patent	US	15/337492		
PMKM12745	US04	PMKM12745US04	Patent	US	15/459702		
PMKM12745	CN01	PMKM12745CN01	Patent	CN	201380013095.4	ZL201380013095.4	
PMKM12745	CN02	PMKM12745CN02	Patent	CN	201710309989.8		
PMKM12745	CN03	PMKM12745CN03	Patent	CN	201710309990.0		
PMKM12745	JP01	PMKM12745JP01	Patent	JP	2012-076319	05893468	
PMKM12745	JP02	PMKM12745JP02	Patent	JP	2015-191001	05925372	
PMKM12745	JP03	PMKM12745JP03	Patent	JP	2016-031966	06097426	
PMKM12745	JP05	PMKM12745JP05	Patent	JP	2017-027606		
PMKM12746	JP01	PMKM12746JP01	Patent	JP	2007-236419	05267904	
PMKM12747	JP01	PMKM12747JP01	Patent	JP	2007-222552	05220367	
PMKM12748	JP02	PMKM12748JP02	Patent	JP	2012-536201	05848252	
PMKM13006	JP01	PMKM13006JP01	Patent	JP	2013-076570	06055710	
PMKM13039	JP01	PMKM13039JP01	Patent	JP	2013-149110	06076218	
PMKM13043	US01	PMKM13043US01	Patent	US	14/780972		
PMKM13043	CN01	PMKM13043CN01	Patent	CN	201380075190.7		
PMKM13043	JP01	PMKM13043JP01	Patent	JP	2013-072388		
PMKM13106	JP01	PMKM13106JP01	Patent	JP	2013-163527		
PMKM13124	JP01	PMKM13124JP01	Patent	JP	2013-170142		
PMKM13129	JP03	PMKM13129JP03	Patent	JP	2016-120399	05997863	
PMKM13129	JP04	PMKM13129JP04	Patent	JP	2016-165548		
PMKM13148	US01	PMKM13148US01	Patent	US	15/022117		
PMKM13148	JP02	PMKM13148JP02	Patent	JP	2015-540400	05872123	
PMKM13148	JP03	PMKM13148JP03	Patent	JP	2016-003430	05898395	
PMKM13193	US01	PMKM13193US01	Patent	US	15/104050		
PMKM13193	CN01	PMKM13193CN01	Patent	CN	201480067325.X		
PMKM13193	JP02	PMKM13193JP02	Patent	JP	2015-552553		
PMKM13243	JP01	PMKM13243JP01	Patent	JP	2014-050248		
PMKM13244	JP01	PMKM13244JP01	Patent	JP	2014-050305		
PMKM13257	JP02	PMKM13257JP02	Patent	JP	2016-510184		
PMKM14026	AT01	PMKM14026AT01	Patent	AT	9080/2015		
PMKM14026	DE01	PMKM14026DE01	Patent	DE	112015001078.5		
PMKM14026	JP01	PMKM14026JP01	Patent	JP	2014-042373	05710813	
PMKM14047	JP01	PMKM14047JP01	Patent	JP	2014-161159		
PMKM14050	JP01	PMKM14050JP01	Patent	JP	2014-194176		
PMKM14058	US01	PMKM14058US01	Patent	US	15/320234		
PMKM14058	CN01	PMKM14058CN01	Patent	CN	201580033850.4		
PMKM14058	JP03	PMKM14058JP03	Patent	JP	2016-529644		
PMKM14123	JP01	PMKM14123JP01	Patent	JP	2014-242087		
PMKM14126	US01	PMKM14126US01	Patent	US	15/498815		
PMKM14126	CN01	PMKM14126CN01	Patent	CN	201580056062.7		
PMKM14126	EP01	PMKM14126EP01	Patent	EP	15853790.2		
PMKM14126	JP01	PMKM14126JP01	Patent	JP	2014-222874	06023149	
PMKM14131	US01	PMKM14131US01	Patent	US	15/319892		
PMKM14131	CN01	PMKM14131CN01	Patent	CN	201580033887.7		
PMKM14131	JP03	PMKM14131JP03	Patent	JP	2016-528650		
PMKM14132	JP02	PMKM14132JP02	Patent	JP	2016-561955		
PMKM14155	JP01	PMKM14155JP01	Patent	JP	2015-005827		
PMKM15045	JP01	PMKM15045JP01	Patent	JP	2015-064127		
PMKM15046	JP01	PMKM15046JP01	Patent	JP	2015-113707		
PMKM15047	JP01	PMKM15047JP01	Patent	JP	2015-068096		
PMKM15048	JP01	PMKM15048JP01	Patent	JP	2015-092058		
PMKM15049	JP01	PMKM15049JP01	Patent	JP	2015-068097		
PMKM15052	JP01	PMKM15052JP01	Patent	JP	2015-068098		

HMX's No. (9 digit)	Contry+BN	HMX's No. (13 digit)	Type	Country	Application No.	Patent No.	Note
PMKM15053	JP01	PMKM15053JP01	Patent	JP	2015-064131		
PMKM15056	JP01	PMKM15056JP01	Patent	JP	2015-064135		
PMKM15067	JP01	PMKM15067JP01	Patent	JP	2015-091175		
PMKM15068	JP01	PMKM15068JP01	Patent	JP	2015-156875		
PMKM15069	JP01	PMKM15069JP01	Patent	JP	2015-100072		
PMKM15072	JP01	PMKM15072JP01	Patent	JP	2015-146841		
PMKM15086	JP02	PMKM15086JP02	Patent	JP	2016-567053	06139038	
PMKM15086	JP03	PMKM15086JP03	Patent	JP	2017-038691		
PMKM15086	JP04	PMKM15086JP04	Patent	JP	2017-165151		
PMKM15086	WO01	PMKM15086WO01	Patent	WO	PCT/JP2016/070335		
PMKM15095	JP01	PMKM15095JP01	Patent	JP	2015-157818		
PMKM15096	JP01	PMKM15096JP01	Patent	JP	2015-157279		
PMKM15103	JP01	PMKM15103JP01	Patent	JP	2015-118757		
PMKM15194	JP01	PMKM15194JP01	Patent	JP	2015-250782		
PMKM15198	JP01	PMKM15198JP01	Patent	JP	2016-020486		
PMKM15204	JP01	PMKM15204JP01	Patent	JP	2015-250783		
PMKM15210	JP01	PMKM15210JP01	Patent	JP	2016-160508		
PMKM15210	WO01	PMKM15210WO01	Patent	WO	PCT/JP2017/029443		
PMKM15211	JP01	PMKM15211JP01	Patent	JP	2016-016386		
PMKM15212	JP01	PMKM15212JP01	Patent	JP	2016-050772		
PMKM15213	JP01	PMKM15213JP01	Patent	JP	2016-106019		
PMKM15213	WO01	PMKM15213WO01	Patent	WO	PCT/JP2017/019912		
PMKM15214	JP01	PMKM15214JP01	Patent	JP	2016-052519		
PMKM15226	JP01	PMKM15226JP01	Patent	JP	2016-016387		
PMKM16022	JP01	PMKM16022JP01	Patent	JP	2016-050500		
PMKM16022	WO01	PMKM16022WO01	Patent	WO	PCT/JP2017/005178		
PMKM16063	JP01	PMKM16063JP01	Patent	JP	2016-134213		
PMKM16064	JP01	PMKM16064JP01	Patent	JP	2016-111457		
PMKM16065	JP01	PMKM16065JP01	Patent	JP	2016-142502		
PMKMH0741	US01	PMKMH0741US01	Patent	US	09/134666	6043935	
PMKMX0122	CN01	PMKMX0122CN01	Patent	CN	03153219.5	ZL03153219.5	
PMKMX0122	KR01	PMKMX0122KR01	Patent	KR	10-2003-0054879	10-0566147	
PT1600001	JP01	PT1600001JP01	Patent	JP	2016-059377		
PT1600001	WO01	PT1600001WO01	Patent	WO	PCT/JP2017/003903		
PT1600002	JP01	PT1600002JP01	Patent	JP	2016-172484		
PT1600002	WO01	PT1600002WO01	Patent	WO	PCT/JP2017/025222		