

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI855293

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
BOSE CORPORATION		02/28/2025
RECEIVING PARTY DATA		
Company Name:	BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT	
Street Address:	100 Federal Street	
City:	Boston	
State/Country:	MASSACHUSETTS	
Postal Code:	02110	
PROPERTY NUMBERS Total: 1795		
Property Type	Number	
Patent Number:	9906636	
Patent Number:	9799188	
Patent Number:	10354509	
Patent Number:	10027787	
Patent Number:	D645032	
Patent Number:	D663288	
Patent Number:	D759069	
Patent Number:	D761844	
Patent Number:	D763232	
Patent Number:	D792375	
Patent Number:	D796473	
Patent Number:	D810046	
Patent Number:	D778943	
Patent Number:	D779549	
Patent Number:	D816635	
Patent Number:	D822646	
Patent Number:	D840970	
Patent Number:	D861637	
Patent Number:	D864283	
Patent Number:	D874431	

Property Type	Number
Patent Number:	D865041
Patent Number:	D922983
Patent Number:	D886454
Patent Number:	D875817
Patent Number:	D906286
Patent Number:	D939476
Patent Number:	D926162
Patent Number:	D1035575
Patent Number:	7583806
Patent Number:	7318230
Patent Number:	7916888
Patent Number:	7800257
Patent Number:	8229125
Patent Number:	8240426
Patent Number:	8355522
Patent Number:	8798278
Patent Number:	8488829
Patent Number:	8824695
Patent Number:	9078077
Patent Number:	8941276
Patent Number:	8254621
Patent Number:	8831239
Patent Number:	8897459
Patent Number:	9729211
Patent Number:	9202453
Patent Number:	9177052
Patent Number:	9506782
Patent Number:	9066174
Patent Number:	9190043
Patent Number:	9137602
Patent Number:	9699537
Patent Number:	9049518
Patent Number:	8933753
Patent Number:	9454970
Patent Number:	9264000
Patent Number:	9590493
Patent Number:	9825688
Patent Number:	9554201

Property Type	Number
Patent Number:	9911433
Patent Number:	9549429
Patent Number:	9913024
Patent Number:	9967682
Patent Number:	9794677
Patent Number:	9936294
Patent Number:	9606952
Patent Number:	10496271
Patent Number:	10250967
Patent Number:	9991862
Patent Number:	10405095
Patent Number:	9860626
Patent Number:	9838787
Patent Number:	9949030
Patent Number:	9866946
Patent Number:	10434279
Patent Number:	9820323
Patent Number:	10051393
Patent Number:	10097920
Patent Number:	10080079
Patent Number:	10447841
Patent Number:	10117009
Patent Number:	10386399
Patent Number:	10096313
Patent Number:	10231052
Patent Number:	10499136
Patent Number:	10110987
Patent Number:	10354641
Patent Number:	10390143
Patent Number:	10916830
Patent Number:	10674244
Patent Number:	10846045
Patent Number:	10619022
Patent Number:	10602253
Patent Number:	11016720
Patent Number:	10531186
Patent Number:	10499152
Patent Number:	10575085

Property Type	Number
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Patent Number:	11924601
Patent Number:	12010497
Patent Number:	11956676

Property Type	Number
Patent Number:	12190855
Patent Number:	11961502
Patent Number:	D496352
Patent Number:	D508041
Patent Number:	D542280
Patent Number:	D507259
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Patent Number:	D512988
Patent Number:	D508905
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Patent Number:	D625295
Patent Number:	D626942
Patent Number:	D641339
Patent Number:	D648691
Patent Number:	D639760
Patent Number:	D646684
Patent Number:	D633447
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Patent Number:	D645456
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Patent Number:	D659117
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Patent Number:	D659676
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Patent Number:	D764436
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Patent Number:	D831607
Patent Number:	D798339
Patent Number:	D817640
Patent Number:	D833418
Patent Number:	D836596
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Patent Number:	D1052561
Patent Number:	D1045852
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Patent Number:	D1045824
Application Number:	29977281
Application Number:	29825384
Application Number:	29843429
Application Number:	29854531
Application Number:	29858175
Application Number:	29892628
Application Number:	29893166

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Application Number:	29905468
Application Number:	29917195
Application Number:	29917196
Application Number:	29917199
Application Number:	29919420
Application Number:	29919425
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Application Number:	29932851
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Application Number:	29938315
Application Number:	29964183
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Patent Number:	8077874
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Patent Number:	7602628
Patent Number:	10013381
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Patent Number:	8103035
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Patent Number:	7983427
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Patent Number:	7518055
Patent Number:	8224009
Patent Number:	8325936
Patent Number:	7699139
Patent Number:	8767975
Patent Number:	9100748
Patent Number:	8483413
Patent Number:	8724827
Patent Number:	9560448
Patent Number:	8126187
Patent Number:	7724909
Patent Number:	7805286
Patent Number:	8150051
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Patent Number:	8204242
Patent Number:	7913808
Patent Number:	8189841
Patent Number:	8139812
Patent Number:	8031897

Property Type	Number
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Patent Number:	8325931
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Patent Number:	8180076
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Patent Number:	8144894
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Patent Number:	8218783
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Patent Number:	8335318
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Patent Number:	8085946
Patent Number:	8165313
Patent Number:	8222641
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Patent Number:	8027483
Patent Number:	8917896
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Patent Number:	8265310

Property Type	Number
Patent Number:	8320581
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Patent Number:	8249287
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Patent Number:	8615091
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Patent Number:	9241227
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Patent Number:	9185476
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Property Type	Number
Patent Number:	9055383
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Patent Number:	8760106
Patent Number:	9763012
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Property Type	Number
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Property Type	Number
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Property Type	Number
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Patent Number:	9906855
Patent Number:	9736612

Property Type	Number
Patent Number:	9747887
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Patent Number:	10080077
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Patent Number:	9922636

Property Type	Number
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Patent Number:	9881600
Patent Number:	10057681
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Patent Number:	10051358
Patent Number:	10182287
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Patent Number:	9894432
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Patent Number:	10547660
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Patent Number:	10561362
Patent Number:	9792893
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Patent Number:	9633647
Patent Number:	9838786
Patent Number:	10531174

Property Type	Number
Patent Number:	10602250
Patent Number:	10186270
Patent Number:	10045113
Patent Number:	9685151
Patent Number:	10220553
Patent Number:	9913013
Patent Number:	10303929
Patent Number:	10097916
Patent Number:	9838812
Patent Number:	9930447
Patent Number:	9843861
Patent Number:	9788091
Patent Number:	9807527
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Patent Number:	9860643
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Patent Number:	10623846
Patent Number:	10149049
Patent Number:	10397681
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Patent Number:	10056091
Patent Number:	10212526
Patent Number:	10264341
Patent Number:	9941855
Patent Number:	10085085
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Patent Number:	9813794
Patent Number:	10049686
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Patent Number:	10129632
Patent Number:	10264384
Patent Number:	9716936
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Patent Number:	10311889
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Property Type	Number
Patent Number:	10199030
Patent Number:	10015603
Patent Number:	10425756
Patent Number:	10553195
Patent Number:	10580398
Patent Number:	10614790
Patent Number:	10510362
Patent Number:	10306356
Patent Number:	9894452
Patent Number:	RE48315
Patent Number:	10511901
Patent Number:	10187718
Patent Number:	10170095
Patent Number:	10158933
Patent Number:	10349199
Patent Number:	10469973
Patent Number:	10481855
Patent Number:	9985596
Patent Number:	10142720
Patent Number:	10499159
Patent Number:	10521512
Patent Number:	10249323
Patent Number:	10157627
Patent Number:	10497354
Patent Number:	10056065
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Patent Number:	10524042
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Patent Number:	10986432
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Patent Number:	10039074
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Property Type	Number
Patent Number:	10244311
Patent Number:	10462558
Patent Number:	10083600
Patent Number:	10478590
Patent Number:	10632278
Patent Number:	10341794
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Patent Number:	10194245
Patent Number:	10200802
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Patent Number:	10542153
Patent Number:	10594869
Patent Number:	9930440
Patent Number:	10257602
Patent Number:	10614791
Patent Number:	10334347
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Patent Number:	10575777
Patent Number:	10232975
Patent Number:	10547938
Patent Number:	10184815
Patent Number:	10547937
Patent Number:	10405084
Patent Number:	10582293
Patent Number:	10412480
Patent Number:	10395635
Patent Number:	10009681
Patent Number:	10616686
Patent Number:	10250968
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Patent Number:	10820130
Patent Number:	10080089
Patent Number:	10192537
Patent Number:	10283105
Patent Number:	10187716
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Patent Number:	10368157
Patent Number:	10582292
Patent Number:	10224016
Patent Number:	10097911
Patent Number:	10484772
Patent Number:	10804716
Patent Number:	10411485
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Patent Number:	10129633
Patent Number:	10623870
Patent Number:	10491975
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Patent Number:	10730422
Patent Number:	10080092
Patent Number:	10349169
Patent Number:	10354635
Patent Number:	10405086
Patent Number:	9949021
Patent Number:	10056068
Patent Number:	10212530
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Patent Number:	10496359
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Patent Number:	10455327
Patent Number:	10596941
Patent Number:	10708769
Patent Number:	10412498
Patent Number:	10926678
Patent Number:	10360895
Patent Number:	10277187
Patent Number:	10448135
Patent Number:	10091597
Patent Number:	10091598

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Patent Number:	10046602
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Patent Number:	10321238
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Patent Number:	10228896
Patent Number:	10091573
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Patent Number:	10720173
Patent Number:	10638232
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Patent Number:	10424315
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Patent Number:	10616676
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Patent Number:	10284972
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Patent Number:	10567897
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Patent Number:	10455312
Patent Number:	10299300
Patent Number:	10944555
Patent Number:	10637651
Patent Number:	10885896
Patent Number:	10244306
Patent Number:	10820086
Patent Number:	10454442
Patent Number:	11110839
Patent Number:	10305439
Patent Number:	10313819
Patent Number:	10877652
Patent Number:	10388300
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Patent Number:	10327073
Patent Number:	10623861
Patent Number:	10629183
Patent Number:	10499171
Patent Number:	10362388
Patent Number:	10484774
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Patent Number:	10863269
Patent Number:	10412521
Patent Number:	10516929
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Patent Number:	10820088
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Patent Number:	11089402
Patent Number:	10971166
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Patent Number:	10764898
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Patent Number:	10741163
Patent Number:	10685640
Patent Number:	11295718
Patent Number:	10667032
Patent Number:	10631075
Patent Number:	10817251
Application Number:	16155497
Patent Number:	10922044
Patent Number:	10694281
Patent Number:	10820101
Patent Number:	10475435

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Patent Number:	10462551
Patent Number:	10848844
Patent Number:	10841675
Patent Number:	10880628
Patent Number:	10403263
Patent Number:	10575118
Patent Number:	10652642
Patent Number:	10638214
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Patent Number:	11190568
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Patent Number:	10802791
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Patent Number:	10899261
Patent Number:	11253747
Patent Number:	10863277
Patent Number:	10791394
Patent Number:	11343613
Patent Number:	10915291
Patent Number:	11481426
Patent Number:	10453474
Patent Number:	11388536
Patent Number:	10708653
Patent Number:	11076214
Patent Number:	11061081
Patent Number:	11590313
Patent Number:	10869122
Patent Number:	11600287
Patent Number:	10929093
Patent Number:	10848849
Patent Number:	10586524
Patent Number:	10917074
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Patent Number:	11546696
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Patent Number:	11012780
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Property Type	Number
Patent Number:	10951976
Patent Number:	10964305
Patent Number:	10887684
Patent Number:	10873809
Patent Number:	11190556
Patent Number:	11651759
Patent Number:	10645497
Patent Number:	10741164
Patent Number:	10748549
Patent Number:	10636405
Patent Number:	11272282
Patent Number:	11245975
Patent Number:	10856078
Patent Number:	10743165
Patent Number:	10855237
Patent Number:	10705793
Patent Number:	11336976
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Patent Number:	10860114
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Patent Number:	11044556
Patent Number:	11270696
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Patent Number:	11504497
Patent Number:	11633565
Patent Number:	11016723
Patent Number:	10983751
Patent Number:	10694307
Patent Number:	10715650
Patent Number:	10997959
Patent Number:	11024284
Patent Number:	10827246
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Patent Number:	10861434
Patent Number:	10959009
Patent Number:	11170630
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Patent Number:	11377041
Patent Number:	11197083
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Patent Number:	11095975
Patent Number:	10805726
Patent Number:	11057451
Patent Number:	10701538
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Patent Number:	11420011
Patent Number:	11169264
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Patent Number:	11019444
Patent Number:	11235156
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Patent Number:	11363125

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Patent Number:	11036464
Patent Number:	11043201
Patent Number:	10841693
Patent Number:	11349660
Patent Number:	10805728
Patent Number:	10706872
Patent Number:	10757500
Patent Number:	11617050
Patent Number:	11342895
Patent Number:	11310587
Patent Number:	11243614
Patent Number:	11729569
Patent Number:	10952005
Patent Number:	10984776
Patent Number:	11258418
Patent Number:	11245986
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Patent Number:	11178797
Patent Number:	11217268
Patent Number:	10778021
Patent Number:	11164557
Patent Number:	11039241
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Patent Number:	11039265
Patent Number:	11223889
Patent Number:	11172294
Patent Number:	11617917
Patent Number:	11095966
Patent Number:	10966008
Patent Number:	10904396

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Patent Number:	11508192
Patent Number:	11184712
Patent Number:	11582572
Patent Number:	11662609
Patent Number:	11145319
Patent Number:	11592304
Patent Number:	11282531
Patent Number:	11373668
Patent Number:	11380298
Patent Number:	10972857
Patent Number:	10983752
Patent Number:	11153680
Patent Number:	10840870
Patent Number:	11297412
Patent Number:	11525703
Patent Number:	11164554
Patent Number:	11039240
Patent Number:	11206485
Patent Number:	11336995
Patent Number:	11006202
Patent Number:	11223895
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Patent Number:	11513366
Patent Number:	10937410
Patent Number:	11159872
Patent Number:	11064282
Patent Number:	11469489
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Patent Number:	11500227
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Patent Number:	11534572
Patent Number:	11521643
Patent Number:	11303984
Patent Number:	11496826
Patent Number:	11285851
Patent Number:	10911859
Patent Number:	11243739
Patent Number:	11202137
Patent Number:	11297408
Patent Number:	11197142
Patent Number:	11343607
Patent Number:	10924843
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Patent Number:	11095973
Patent Number:	11356795
Patent Number:	11599189
Patent Number:	11451076
Patent Number:	11299080
Patent Number:	11376991
Patent Number:	11701055
Patent Number:	11275471
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Patent Number:	11375327
Patent Number:	11405714
Patent Number:	11350204
Patent Number:	11482236
Patent Number:	11330358
Patent Number:	RE50033
Patent Number:	11627400
Patent Number:	11335362

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Patent Number:	11330355
Patent Number:	11809775
Patent Number:	11982738
Patent Number:	11916988
Patent Number:	11483647
Patent Number:	11100911
Patent Number:	11467666
Patent Number:	11750984
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Patent Number:	11678118
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Patent Number:	11657793
Patent Number:	11653140
Patent Number:	11405739
Patent Number:	11533033
Patent Number:	11523230
Patent Number:	11303995
Patent Number:	11671777
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Patent Number:	11695487
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Patent Number:	11356757
Patent Number:	11622214
Patent Number:	11601770
Patent Number:	11660418
Patent Number:	11521633
Patent Number:	11640817

Property Type	Number
Patent Number:	11600256
Patent Number:	11653144
Patent Number:	12203001
Patent Number:	11705100
Application Number:	17253208
Patent Number:	11812244
Patent Number:	11140469
Patent Number:	12016662
Patent Number:	11670278
Patent Number:	11503405
Patent Number:	11706576
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Patent Number:	11716563
Patent Number:	12185050
Patent Number:	12102427
Patent Number:	11457311
Patent Number:	11832065
Patent Number:	11606408
Patent Number:	12119016
Patent Number:	11809777
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Patent Number:	11854576
Patent Number:	11664041
Patent Number:	11659313
Patent Number:	11284182
Patent Number:	11568849
Patent Number:	11589163
Patent Number:	11832072
Patent Number:	11849271
Patent Number:	11736853
Patent Number:	11889254
Patent Number:	12137780
Patent Number:	11457304
Patent Number:	11729541
Patent Number:	12223964

Property Type	Number
Patent Number:	11869477
Patent Number:	12067964
Patent Number:	12096189
Patent Number:	12033657
Application Number:	17611280
Application Number:	17637646
Application Number:	17639180
Application Number:	17672866
Application Number:	17679443
Patent Number:	12069442
Patent Number:	12041404
Patent Number:	11800273
Patent Number:	11724629
Patent Number:	11582547
Patent Number:	12035093
Patent Number:	12075225
Patent Number:	11871209
Patent Number:	11812217
Application Number:	17697373
Application Number:	17745748
Patent Number:	11792567
Patent Number:	11825283
Patent Number:	11665463
Patent Number:	11483655
Patent Number:	11626095
Patent Number:	11601996
Patent Number:	11627420
Patent Number:	11553286
Application Number:	17326839
Application Number:	17337908
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Patent Number:	11695537
Patent Number:	11573761
Patent Number:	11514922
Patent Number:	11989593
Patent Number:	11882405
Patent Number:	11540043
Patent Number:	11869522

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Patent Number:	11582549
Patent Number:	12052778
Patent Number:	11956617
Patent Number:	12034414
Patent Number:	11696063
Patent Number:	11589154
Patent Number:	11582550
Application Number:	17400403
Application Number:	17420341
Application Number:	17420359
Application Number:	17420427
Application Number:	17444358
Application Number:	17448127
Patent Number:	12231849
Patent Number:	12051398
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Patent Number:	11889253
Patent Number:	12028670
Patent Number:	11877110
Patent Number:	11910177
Patent Number:	11902751
Patent Number:	12022269
Patent Number:	11818524
Patent Number:	11856356
Application Number:	17588626
Patent Number:	12155984
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Patent Number:	11849297
Patent Number:	11863951
Patent Number:	11943690
Patent Number:	11955107
Patent Number:	12182472
Patent Number:	12047723

Property Type	Number
Patent Number:	12082385
Patent Number:	11985495
Patent Number:	11935554
Patent Number:	11990880
Patent Number:	12154585
Application Number:	17707165
Application Number:	17813542
Application Number:	17819177
Application Number:	17829884
Patent Number:	11937159
Patent Number:	12126976
Patent Number:	12058492
Patent Number:	11689167
Patent Number:	12183359
Patent Number:	11661016
Patent Number:	11895472
Patent Number:	11763794
Patent Number:	12219319
Patent Number:	11791643
Patent Number:	12008998
Patent Number:	12212912
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Application Number:	17868402
Application Number:	17881792
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Application Number:	17881964
Application Number:	17882002
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Patent Number:	12207038
Patent Number:	11955936
Patent Number:	11785382
Patent Number:	11778380
Patent Number:	11688411
Application Number:	17902018

Property Type	Number
Application Number:	17902089
Application Number:	17917048
Application Number:	17959462
Application Number:	17962005
Application Number:	17969265
Application Number:	17976987
Application Number:	17986007
Application Number:	17988300
Application Number:	17990330
Application Number:	18266107
Application Number:	18280034
Application Number:	18465691
Application Number:	18475430
Application Number:	18597185
Application Number:	18650220
Application Number:	18654405
Application Number:	18661893
Application Number:	18675480
Application Number:	18676974
Application Number:	18765606
Application Number:	18783971
Application Number:	18783984
Application Number:	18785874
Application Number:	18891395
Application Number:	18895579
Application Number:	18922581
Application Number:	18924359
Application Number:	18935839
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Application Number:	18038163
Application Number:	18062108
Patent Number:	11863947
Patent Number:	11838719
Patent Number:	12010478

Property Type	Number
Patent Number:	12041410
Patent Number:	11792868
Patent Number:	11951889
Patent Number:	11877132
Patent Number:	11889257
Application Number:	18084021
Application Number:	18084922
Application Number:	18106092
Application Number:	18109512
Application Number:	18110679
Application Number:	18111311
Application Number:	18115332
Application Number:	18121393
Application Number:	18122855
Application Number:	18122910
Application Number:	18124949
Application Number:	18126513
Application Number:	18133417
Application Number:	18136569
Application Number:	18137520
Patent Number:	12081928
Patent Number:	11997442
Patent Number:	12087266
Patent Number:	12155988
Patent Number:	11875768
Patent Number:	12136409
Patent Number:	12028675
Patent Number:	12120376
Application Number:	18143748
Application Number:	18152565
Application Number:	18157474
Application Number:	18173606
Application Number:	18182290
Application Number:	18184417
Application Number:	18184945
Application Number:	18200933
Application Number:	18206418
Application Number:	18207816

Property Type	Number
Application Number:	18209283
Patent Number:	12122279
Patent Number:	12149881
Patent Number:	12225341
Application Number:	18218079
Application Number:	18223328
Application Number:	18234162
Application Number:	18238668
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Application Number:	18267662
Application Number:	18284588
Application Number:	18298744
Application Number:	18307515
Application Number:	18323879
Patent Number:	11968517
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Application Number:	18371144
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Application Number:	18383117
Application Number:	18383555
Application Number:	18385074
Application Number:	18385997
Application Number:	18386125
Application Number:	18387144
Application Number:	18389265
Application Number:	18389413
Application Number:	18390028
Application Number:	18397584
Application Number:	18397617
Application Number:	18405291
Application Number:	18405463

Property Type	Number
Application Number:	18407980
Application Number:	18408051
Application Number:	18417097
Application Number:	18422269
Application Number:	18435156
Application Number:	18442155
Patent Number:	12148413
Patent Number:	12022268
Application Number:	18454138
Application Number:	18457891
Application Number:	18470101
Application Number:	18495253
Application Number:	18522724
Application Number:	18527736
Application Number:	18537981
Application Number:	18541359
Application Number:	18542010
Application Number:	18554027
Application Number:	18562879
Application Number:	18582177
Application Number:	18587340
Application Number:	18589365
Application Number:	18589374
Application Number:	18589380
Application Number:	18590513
Application Number:	18593447
Application Number:	18605906
Application Number:	18608019
Application Number:	18633689
Application Number:	18639281
Application Number:	18640588
Application Number:	18649511
Application Number:	18662592
Application Number:	18663645
Application Number:	18665439
Application Number:	18668546
Application Number:	18670849
Application Number:	18673192

Property Type	Number
Application Number:	18674041
Application Number:	18674812
Application Number:	18678022
Application Number:	18678925
Application Number:	18679057
Application Number:	18723040
Application Number:	18728742
Application Number:	18728754
Application Number:	18731838
Application Number:	18731937
Application Number:	18741366
Application Number:	18744448
Application Number:	18752599
Application Number:	18758589
Application Number:	18764040
Application Number:	18771449
Application Number:	18773857
Application Number:	18774133
Application Number:	18777128
Application Number:	18791810
Application Number:	18806553
Application Number:	18817495
Application Number:	18828112
Application Number:	18892969
Application Number:	18897228
Application Number:	18912953
Application Number:	18915676
Application Number:	18917266
Application Number:	18925274
Application Number:	18929855
Application Number:	18938155
Application Number:	18947513
Application Number:	18948837
Application Number:	18953571
Application Number:	18957016
Application Number:	18962221
Application Number:	18970409
Application Number:	18973367

Property Type	Number
Application Number:	18983872
Application Number:	18984345
Application Number:	18988132
Application Number:	18989879
Application Number:	18990030
Application Number:	18999055
Application Number:	19027307
Application Number:	19034930
Application Number:	19044811
Application Number:	19045650
Application Number:	19013097
Application Number:	19014384
Application Number:	19043413
Application Number:	19101407
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Application Number:	63657653
Application Number:	63660005
Application Number:	63685381
Application Number:	63708571
Application Number:	63742131
Application Number:	63745746
Application Number:	63749306
Application Number:	16534588
Application Number:	16794880
Application Number:	15593700
Application Number:	16050015
Application Number:	16990358

CORRESPONDENCE DATA

Fax Number: 6173417701

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NAME OF SUBMITTER:	Michelle Bramwell
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SIGNATURE:	/Michelle Bramwell/
DATE SIGNED:	02/28/2025
Total Attachments: 142 source=BofA_Bose - Patent Security Agreement Executed#page1.tiff source=BofA_Bose - Patent Security Agreement Executed#page2.tiff source=BofA_Bose - Patent Security Agreement Executed#page3.tiff source=BofA_Bose - Patent Security Agreement Executed#page4.tiff source=BofA_Bose - Patent Security Agreement Executed#page5.tiff source=BofA_Bose - Patent Security Agreement Executed#page6.tiff source=BofA_Bose - Patent Security Agreement Executed#page7.tiff source=BofA_Bose - Patent Security Agreement Executed#page8.tiff source=BofA_Bose - Patent Security Agreement Executed#page9.tiff source=BofA_Bose - Patent Security Agreement Executed#page10.tiff source=BofA_Bose - Patent Security Agreement Executed#page11.tiff source=BofA_Bose - Patent Security Agreement Executed#page12.tiff source=BofA_Bose - Patent Security Agreement Executed#page13.tiff source=BofA_Bose - Patent Security Agreement Executed#page14.tiff source=BofA_Bose - Patent Security Agreement Executed#page15.tiff source=BofA_Bose - Patent Security Agreement Executed#page16.tiff source=BofA_Bose - Patent Security Agreement Executed#page17.tiff source=BofA_Bose - Patent Security Agreement Executed#page18.tiff source=BofA_Bose - Patent Security Agreement Executed#page19.tiff source=BofA_Bose - Patent Security Agreement Executed#page20.tiff source=BofA_Bose - Patent Security Agreement Executed#page21.tiff source=BofA_Bose - Patent Security Agreement Executed#page22.tiff source=BofA_Bose - Patent Security Agreement Executed#page23.tiff source=BofA_Bose - Patent Security Agreement Executed#page24.tiff source=BofA_Bose - Patent Security Agreement Executed#page25.tiff source=BofA_Bose - Patent Security Agreement Executed#page26.tiff source=BofA_Bose - Patent Security Agreement Executed#page27.tiff source=BofA_Bose - Patent Security Agreement Executed#page28.tiff source=BofA_Bose - Patent Security Agreement Executed#page29.tiff source=BofA_Bose - Patent Security Agreement Executed#page30.tiff source=BofA_Bose - Patent Security Agreement Executed#page31.tiff source=BofA_Bose - Patent Security Agreement Executed#page32.tiff source=BofA_Bose - Patent Security Agreement Executed#page33.tiff source=BofA_Bose - Patent Security Agreement Executed#page34.tiff source=BofA_Bose - Patent Security Agreement Executed#page35.tiff source=BofA_Bose - Patent Security Agreement Executed#page36.tiff source=BofA_Bose - Patent Security Agreement Executed#page37.tiff source=BofA_Bose - Patent Security Agreement Executed#page38.tiff source=BofA_Bose - Patent Security Agreement Executed#page39.tiff source=BofA_Bose - Patent Security Agreement Executed#page40.tiff source=BofA_Bose - Patent Security Agreement Executed#page41.tiff source=BofA_Bose - Patent Security Agreement Executed#page42.tiff source=BofA_Bose - Patent Security Agreement Executed#page43.tiff source=BofA_Bose - Patent Security Agreement Executed#page44.tiff	

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PATENT SECURITY AGREEMENT

This Patent Security Agreement (this “Patent Security Agreement”) is entered into as of February 28, 2025, by Bose Corporation, a Delaware corporation (the “Grantor”) in favor of BANK OF AMERICA, N.A., as administrative agent under the Security Agreement referred to below (the “Administrative Agent”).

WITNESSETH:

WHEREAS, the Grantor is party to that certain Security and Pledge Agreement, dated as of February 28, 2025 (as amended, restated, amended and restated, supplemented, or otherwise modified from time to time, the “Security Agreement”), by the Grantor and the other grantors party thereto from time to time in favor of the Administrative Agent, pursuant to which the Grantor is required to execute and deliver this Patent Security Agreement.

NOW THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each Grantor hereby agrees with the Administrative Agent as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meanings given to them in the Security Agreement.

SECTION 2. Grant of Security Interest in Patent Collateral. As security for the payment or performance when due (whether at stated maturity, by acceleration or otherwise), as the case may be, in full of the Obligations, the Grantor hereby pledges to the Administrative Agent, its successors and permitted assigns, for the benefit of the Secured Parties, and hereby grants to the Administrative Agent, its successors and permitted assigns, for the benefit of the Secured Parties, a security interest in all of the Grantor’s right, title, and interest in or to any and all of the following Intellectual Property now owned or at any time hereafter acquired by the Grantor or in which the Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the “Patent Collateral”):

- (i) all patents, all inventions and patent applications anywhere in the world, including those listed on Schedule I hereto;
- (ii) all improvements, counterparts, reissues, divisional, re-examinations, extensions, continuations (in whole or in part) and renewals of any of the foregoing and improvements thereon;
- (iii) all income, royalties, damages or payments now or hereafter due and/or payable under any of the foregoing or with respect to any of the foregoing, including, without limitation, damages or payments for past, present or future infringements, violations or misappropriations of any of the foregoing;
- (iv) the right to sue for past, present and future infringements, violations or misappropriations of any of the foregoing; and
- (v) all rights corresponding to any of the foregoing throughout the world.

SECTION 3. Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Administrative Agent pursuant

to the Security Agreement and the Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Patent Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control to the extent of the conflict.

SECTION 4. Recordation. This Patent Security Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office (the "USPTO"). The Grantor authorizes and requests that the USPTO record this Patent Security Agreement.

SECTION 5. No Novation. By its execution of this Patent Security Agreement, each of the parties hereto acknowledges and agrees that the terms of this Patent Security Agreement do not, and are not intended to, constitute a novation, but, rather, a supplement of the terms of a pre-existing indebtedness and related agreement, as evidenced by the Security Agreement.

SECTION 6. Counterparts. This Patent Security Agreement may be executed in any number of counterparts, each of which were so executed and delivered shall be an original, but all of which shall constitute one and the same instrument. Delivery of an executed counterpart of a signature page of this Patent Security Agreement by fax transmission or other electronic mail transmission (e.g. "pdf" or "tif") shall be effective as delivery of a manually executed counterpart of this Patent Security Agreement. The words "execution," "signed," "signature," and words of like import in this Patent Security Agreement or in any amendment or other modification hereof (including waivers and consents) shall be deemed to include electronic signatures or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature or the use of a paper based recordkeeping system, as the case may be, to the extent and as provided for in any applicable Laws, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.

SECTION 7. Governing Law. THE TERMS OF SECTION 16 OF THE SECURITY AGREEMENT WITH RESPECT TO GOVERNING LAW, SUBMISSION TO JURISDICTION, VENUE AND WAIVER OF JURY TRIAL ARE INCORPORATED HEREIN BY REFERENCE, MUTATIS MUTANDIS, AND THE PARTIES HERETO AGREE TO SUCH TERMS.

[Signature pages follow]

IN WITNESS WHEREOF, the Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

GRANTOR:

BOSE CORPORATION

By: 

Name: Lila Snyder

Title: Chief Executive Officer

Acknowledged and Accepted:

BANK OF AMERICA, N.A.,
as Administrative Agent

By: Melanie Brichant
Name: Melanie Brichant
Title: Assistant Vice President

[Bose – Signature Page to Patent Security Agreement]

SCHEDULE I
PATENT COLLATERAL

Loan Party	Title	Application Number	Patent Number	Application Filing Date	Patent Grant Date	Country
BOSE CORPORATION	AN INTELLIGENT EARPLUG SYSTEM	15/348400	9906636	2016-11-10	2018-02-27	United States of America
BOSE CORPORATION	INTELLIGENT EARPLUG SYSTEM	15/352034	9799188	2016-11-15	2017-10-24	United States of America
BOSE CORPORATION	INTELLIGENT EARPLUG SYSTEM	15/665940	10354509	2017-08-01	2019-07-16	United States of America
BOSE CORPORATION	AN INTELLIGENT EARPLUG SYSTEM	15/810576	10027787	2017-11-13	2018-07-17	United States of America
BOSE CORPORATION	Case	29/356879	D645032	2010-03-03	2011-09-13	United States of America
BOSE CORPORATION	Remote Control	29/369104	D663288	2010-09-02	2012-07-10	United States of America
BOSE CORPORATION	Audio system display with graphical user interface	29/469094	D759069	2013-10-07	2016-06-14	United States of America
BOSE CORPORATION	Display screen or portion thereof with animated graphical user interface	29/499175	D761844	2014-08-12	2016-07-19	United States of America
BOSE CORPORATION	Stand	29/509186	D763232	2014-11-14	2016-08-09	United States of America
BOSE CORPORATION	Speaker	29/538443	D792375	2015-09-03	2017-07-18	United States of America
BOSE CORPORATION	Set of headphones	29/549000	D796473	2015-12-18	2017-09-05	United States of America
BOSE CORPORATION	Set of headphones	29/559974	D810046	2016-04-01	2018-02-13	United States of America

BOSE CORPORATION	Display screen or portion thereof with animated graphical user interface	29/567977	D778943	2016-06-14	2017-02-14	United States of America
BOSE CORPORATION	Display screen or portion thereof with animated graphical user interface	29/567981	D779549	2016-06-14	2017-02-21	United States of America
BOSE CORPORATION	Audio Device	29/570371	D816635	2016-07-07	2018-05-01	United States of America
BOSE CORPORATION	Set of headphones	29/577071	D822646	2016-09-09	2018-07-10	United States of America
BOSE CORPORATION	Set of headphones	29/615473	D840970	2017-08-29	2019-02-19	United States of America
BOSE CORPORATION	Headset with boom microphone	29/620775	D861637	2017-08-09	2019-10-01	United States of America
BOSE CORPORATION	Audio Eyeglasses	29/639191	D864283	2018-03-05	2019-10-22	United States of America
BOSE CORPORATION	Headset with boom microphone	29/650567	D874431	2018-06-07	2020-02-04	United States of America
BOSE CORPORATION	Audio Eyeglasses	29/658431	D865041	2018-07-31	2019-10-29	United States of America
BOSE CORPORATION	Headset	29/668233	D922983	2018-10-29	2021-06-22	United States of America
BOSE CORPORATION	Charging case	29/674098	D886454	2018-12-19	2020-06-09	United States of America
BOSE CORPORATION	Audio Eyeglasses	29/695421	D875817	2019-06-19	2020-02-18	United States of America
BOSE CORPORATION	Soundbar	29/695949	D906286	2019-06-24	2020-12-29	United States of America
BOSE CORPORATION	Audio headset	29/718332	D939476	2019-12-23	2021-12-28	United States of America
BOSE CORPORATION	Earbud	29/756109	D926162	2020-10-26	2021-07-27	United States of America

BOSE CORPORATION	Cover for an earbud charging case	29858172	D1035575	2022-10-28	2024-07-16	United States of America
BOSE CORPORATION	Convertible automobile sound system equalizing	10/457338	7583806	2003-06-09	2009-09-01	United States of America
BOSE CORPORATION	Media player tray bezel	10/860919	7318230	2004-06-04	2008-01-08	United States of America
BOSE CORPORATION	compliance coupling					
BOSE CORPORATION	In-ear headphones	11/428057	7916888	2006-06-30	2011-03-29	United States of America
BOSE CORPORATION	HEAT DISSIPATER	11/923433	7800257	2007-10-24	2010-09-21	United States of America
BOSE CORPORATION	Adjusting dynamic range of an audio system	12/367095	8229125	2009-02-06	2012-07-24	United States of America
BOSE CORPORATION	Three Dimensional Acoustic	12/859396	8240426	2010-08-19	2012-08-14	United States of America
BOSE CORPORATION	Passive Radiating					
BOSE CORPORATION	Earphone cushions	13/041854	8355522	2011-03-07	2013-01-15	United States of America
BOSE CORPORATION	Dynamic gain adjustment based on signal to ambient noise level	13/075536	8798278	2011-03-30	2014-08-05	United States of America
BOSE CORPORATION	Paired gradient and pressure microphones for rejecting wind and ambient noise	13/078629	8488829	2011-04-01	2013-07-16	United States of America
BOSE CORPORATION	Instability detection and avoidance in a feedback system	13/251725	8824695	2011-10-03	2014-09-02	United States of America
BOSE CORPORATION	Estimation of synthetic audio prototypes with frequency-based input signal decomposition	13/278758	9078077	2011-10-21	2015-07-07	United States of America
BOSE CORPORATION	Rotor Assembly Having Ball Nut Cartridge	13/411060	8941276	2012-03-02	2015-01-27	United States of America
BOSE CORPORATION	Earpiece Positioning and Retaining	13/413987	8254621	2012-03-07	2012-08-28	United States of America
BOSE CORPORATION	Instability detection and avoidance in a feedback system	13/437083	8831239	2012-04-02	2014-09-09	United States of America

BOSE CORPORATION	Two-way audio communication system with reduced ground noise	13/610937	8897459	2012-09-12	2014-11-25	United States of America
BOSE CORPORATION	Proximity based wireless audio connection	13/680405	9729211	2012-11-19	2017-08-08	United States of America
BOSE CORPORATION	Asymmetric temperature compensation of microphone sensitivity at an active noise reduction system	13/705432	9202453	2012-12-05	2015-12-01	United States of America
BOSE CORPORATION	Audio Systems and Related Devices and Methods	13/857475	9177052	2013-04-05	2015-11-03	United States of America
BOSE CORPORATION	Apparatus and Method for Applying a Load to a Material	13/869595	9506782	2013-04-24	2016-11-29	United States of America
BOSE CORPORATION	Portable audio system with integrated handle	13/956460	9066174	2013-08-01	2015-06-23	United States of America
BOSE CORPORATION	Assisting conversation in noisy environments	14/011161	9190043	2013-08-27	2015-11-17	United States of America
BOSE CORPORATION	System With Speaker, Transceiver and Related Devices	14/012593	9137602	2013-08-28	2015-09-15	United States of America
BOSE CORPORATION	Vehicle headrest with speakers	14/154924	9699537	2014-01-14	2017-07-04	United States of America
BOSE CORPORATION	Orientation-Responsive Acoustic Array Control	14/221969	9049518	2014-03-21	2015-06-02	United States of America
BOSE CORPORATION	Versatile Audio Power Amplifier	14/317367	8933753	2014-06-27	2015-01-13	United States of America
BOSE CORPORATION	Processing Multichannel Audio Signals	14/323756	9454970	2014-07-03	2016-09-27	United States of America
BOSE CORPORATION	Versatile Audio Power Amplifier	14/516183	9264000	2014-10-16	2016-02-16	United States of America
BOSE CORPORATION	Startup Circuit for a Power Supply	14/576069	9590493	2014-12-18	2017-03-07	United States of America
BOSE CORPORATION	Systems and methods of antenna diversity switching	14/633716	9825688	2015-02-27	2017-11-21	United States of America

BOSE CORPORATION	Multiple-orientation audio device and related apparatus	14/672970	9554201	2015-03-30	2017-01-24	United States of America
BOSE CORPORATION	Wireless audio synchronization	14/848212	9911433	2015-09-08	2018-03-06	United States of America
BOSE CORPORATION	Wireless network interconnection	14/848254	9549429	2015-09-08	2017-01-17	United States of America
BOSE CORPORATION	Acoustic resistive elements for ported transducer enclosure	14/981546	9913024	2015-12-28	2018-03-06	United States of America
BOSE CORPORATION	BINAURAL HEARING ASSISTANCE OPERATION	14/988161	9967682	2016-01-05	2018-05-08	United States of America
BOSE CORPORATION	Headphones	14/993607	9794677	2016-01-12	2017-10-17	United States of America
BOSE CORPORATION	AUTOMATIC AUDIO SYSTEM EQUALIZING	15/009987	9936294	2016-01-29	2018-04-03	United States of America
BOSE CORPORATION	System With Speaker, Transceiver and Related Devices	15/010126	9606952	2016-01-29	2017-03-28	United States of America
BOSE CORPORATION	Bi-directional control for touch interfaces	15/011062	10496271	2016-01-29	2019-12-03	United States of America
BOSE CORPORATION	Speaker modules having different module housing geometries and similar acoustic properties	15/067939	10250967	2016-03-11	2019-04-02	United States of America
BOSE CORPORATION	Audio system equalizing	15/086962	9991862	2016-03-31	2018-06-05	United States of America
BOSE CORPORATION	Audio signal processing for hearing impairment compensation with a hearing aid device and a speaker	15/087951	10405095	2016-03-31	2019-09-03	United States of America
BOSE CORPORATION	On/off head detection of personal acoustic device	15/157807	9860626	2016-05-18	2018-01-02	United States of America
BOSE CORPORATION	Acoustic Device	15/174086	9838787	2016-06-06	2017-12-05	United States of America
BOSE CORPORATION	Acoustic Device	15/174248	9949030	2016-06-06	2018-04-17	United States of America

BOSE CORPORATION	Wireless headset	15/177024	9866946	2016-06-08	2018-01-09	United States of America
BOSE CORPORATION	Sleep assistance device	15/267567	10434279	2016-09-16	2019-10-08	United States of America
BOSE CORPORATION	Wireless audio tethering system	15/358397	9820323	2016-11-22	2017-11-14	United States of America
BOSE CORPORATION	AUTOMATIC AUDIO SYSTEM EQUALIZING	15/366638	10051393	2016-12-01	2018-08-14	United States of America
BOSE CORPORATION	Capturing wide-band audio using microphone arrays and passive directional acoustic elements	15/406045	10097920	2017-01-13	2018-10-09	United States of America
BOSE CORPORATION	Acoustic Element for a Speaker	15/589405	10080079	2017-05-08	2018-09-18	United States of America
BOSE CORPORATION	Wireless pairing and control using spatial location and indication to to air pairing	15/613521	10447841	2017-06-05	2019-10-15	United States of America
BOSE CORPORATION	Portable loudspeakers	15/616565	10117009	2017-06-07	2018-10-30	United States of America
BOSE CORPORATION	HUMAN BODY MODEL FOR WIRELESS SIGNAL MEASUREMENTS	15/679001	10386399	2017-08-16	2019-08-20	United States of America
BOSE CORPORATION	Parallel Active Noise Reduction (ANR) and Hear-Through Signal Flow Paths in Acoustic Devices	15/710354	10096313	2017-09-20	2018-10-09	United States of America
BOSE CORPORATION	Acoustic Device	15/790401	10231052	2017-10-23	2019-03-12	United States of America
BOSE CORPORATION	Providing Isolation from Distractions	15/790755	10499136	2017-10-23	2019-12-03	United States of America
BOSE CORPORATION	METHOD OF CONTROLLING AN ACOUSTIC NOISE REDUCTION AUDIO SYSTEM BY USER TAPS	15/889745	10110987	2018-02-06	2018-10-23	United States of America

BOSE CORPORATION	ACOUSTIC NOISE REDUCTION AUDIO SYSTEM HAVING TAP CONTROL	15/895415	10354641	2018-02-13	2019-07-16	United States of America
BOSE CORPORATION	Electro-Acoustic Transducer for Open Audio Device	15/897453	10390143	2018-02-15	2019-08-20	United States of America
BOSE CORPORATION	Earbud System	15/898432	10916830	2018-02-17	2021-02-09	United States of America
BOSE CORPORATION	Audio Device	15/901076	10674244	2018-02-21	2020-06-02	United States of America
BOSE CORPORATION	Content Based Dynamic Audio Settings	15/903366	10846045	2018-02-23	2020-11-24	United States of America
BOSE CORPORATION	Surface Treatments for Wearable Devices	15/921355	10619022	2018-03-14	2020-04-14	United States of America
BOSE CORPORATION	Open Audio Device with Reduced Sound Attenuation	15/941691	10602253	2018-03-30	2020-03-24	United States of America
BOSE CORPORATION	Audio System	16/010245	11016720	2018-06-15	2021-05-25	United States of America
BOSE CORPORATION	Acoustic Device	16/032420	10531186	2018-07-11	2020-01-07	United States of America
BOSE CORPORATION	AUTOMATIC AUDIO SYSTEM EQUALIZING	16/042041	10499152	2018-07-23	2019-12-03	United States of America
BOSE CORPORATION	Audio Device with Pre-Adaptation	16/056046	10575085	2018-08-06	2020-02-25	United States of America
BOSE CORPORATION	Acoustic Transducer with Split Dipole Vents	16/101483	10917715	2018-08-12	2021-02-09	United States of America
BOSE CORPORATION	COMPUTER-IMPLEMENTED TOOLS AND METHODS FOR DETERMINING OPTIMAL EAR TIP FITMENT	16/121512	10970868	2018-09-04	2021-04-06	United States of America
BOSE CORPORATION	COMPRESSIVE HEAR-THROUGH IN PERSONAL ACOUSTIC DEVICES	16/124056	11087776	2018-09-06	2021-08-10	United States of America

BOSE CORPORATION	COOLING TECHNIQUES TO IMPROVE THERMAL PERFORMANCE OF ELECTROACOUSTIC DEVICE	16/138323	11013101	2018-09-21	2021-05-18	United States of America
BOSE CORPORATION	Audio Hub	16/141018	10764683	2018-09-25	2020-09-01	United States of America
BOSE CORPORATION	Noise Reduction Using Machine Learning	16/165494	10580430	2018-10-19	2020-03-03	United States of America
BOSE CORPORATION	Sebum resistance enhancement for wearable devices	16/206559	10856069	2018-11-30	2020-12-01	United States of America
BOSE CORPORATION	Noise Estimation for Dynamic Sound Adjustment	16/215755	10542346	2018-12-11	2020-01-21	United States of America
BOSE CORPORATION	Earphone	16/241229	10827247	2019-01-07	2020-11-03	United States of America
BOSE CORPORATION	Wearable audio device with docking or parking magnet having different magnetic flux on opposing sides of the magnet	16/290928	10932027	2019-03-03	2021-02-23	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH NULLING MAGNET	16/353185	11067644	2019-03-14	2021-07-20	United States of America
BOSE CORPORATION	Audio system with limited array signals	16/362190	11012775	2019-03-22	2021-05-18	United States of America
BOSE CORPORATION	Coaxial loudspeakers with perforated waveguide	16/415416	11290795	2019-05-17	2022-03-29	United States of America
BOSE CORPORATION	Systems and methods for canceling road noise in a microphone signal	16/443215	11046256	2019-06-17	2021-06-29	United States of America
BOSE CORPORATION	Systems and methods for canceling road noise in a microphone signal	16/443248	10839786	2019-06-17	2020-11-17	United States of America
BOSE CORPORATION	Managing characteristics of earpieces using controlled calibration	16/537018	10764699	2019-08-09	2020-09-01	United States of America

BOSE CORPORATION	Augmented audio development tool	16/539480	10959036	2019-08-13	2021-03-23	United States of America
BOSE CORPORATION	Electro-acoustice transducer including a miniature voice coil	16/541745	11528572	2019-08-15	2022-12-13	United States of America
BOSE CORPORATION	OMNI-DIRECTIONAL SPEAKER SYSTEM AND RELATED DEVICES AND METHODS	16/550792	10911865	2019-08-26	2021-02-02	United States of America
BOSE CORPORATION	Open Audio Device	16/553751	11122351	2019-08-28	2021-09-14	United States of America
BOSE CORPORATION	Multi-Home shared media	16/558947	11200896	2019-09-03	2021-12-14	United States of America
BOSE CORPORATION	EAR TIP SEALING STRUCTURE	16/560662	10999670	2019-09-04	2021-05-04	United States of America
BOSE CORPORATION	Wearable audio device with brim-mounted microphones	16/571425	11058165	2019-09-16	2021-07-13	United States of America
BOSE CORPORATION	Portable smart speaker power control	16/574273	11310594	2019-09-18	2022-04-19	United States of America
BOSE CORPORATION	Managing image audio sources in a virtual acoustic environment	16/599338	10735885	2019-10-11	2020-08-04	United States of America
BOSE CORPORATION	Wearable devices with increased adhesion	16/664059	10715904	2019-10-25	2020-07-14	United States of America
BOSE CORPORATION	Sleep detection system for wearable audio device	16/665505	11036465	2019-10-28	2021-06-15	United States of America
BOSE CORPORATION	Composite earcushion	16/678103	11044542	2019-11-08	2021-06-22	United States of America
BOSE CORPORATION	Variable-Time Smoothing fpr steady state noise estimation	16/691114	11264015	2019-11-21	2022-03-01	United States of America
BOSE CORPORATION	Enhancement of audio from remote audio sources	16/782692	11062723	2020-02-05	2021-07-13	United States of America
BOSE CORPORATION	COMPUTATIONAL ARCHITECTURE FOR ACTIVE NOISE REDUCTION DEVICE	16/788365	11386882	2020-02-12	2022-07-12	United States of America

BOSE CORPORATION	Hearing assistance using active noise reduction	16/846681	11297443	2020-04-13	2022-04-05	United States of America
BOSE CORPORATION	Correct Donning of Behind-the-Ear Hearing Assistance Device Using an Accelerometer	16/855804	11228853	2020-04-22	2022-01-18	United States of America
BOSE CORPORATION	Audio Hub	16/917027	11202151	2020-06-30	2021-12-14	United States of America
BOSE CORPORATION	SPATIALIZED AUDIO RENDERING FOR HEAD WORN AUDIO DEVICE IN A VEHICLE	16/930984	11356788	2020-07-16	2022-06-07	United States of America
BOSE CORPORATION	IN-EAR WEARABLE AUDIO DEVICES WITH FUNCTIONAL GRADING AND/OR EMBEDDED ELECTRONICS	17/007112	11924601	2020-08-31	2024-03-05	United States of America
BOSE CORPORATION	HIGHLY COMPLIANT MINIATURE TRANSDUCER	17/636097	12010497	2020-08-21	2024-05-22	United States of America
BOSE CORPORATION	Dynamic Transmission Rates for Isochronous Streaming	17444793	11956676	2021-08-10	2024-04-09	United States of America
BOSE CORPORATION	Active Noise Reduction with Impulse Detection and Suppression	17929919	12190855	2022-09-06	2025-01-07	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH FEEDBACK INSTABILITY CONTROL	18234067	11961502	2023-08-15	2024-04-16	United States of America
BOSE CORPORATION	Loudspeaker Design	29/175936	D496352	2003-02-13	2004-09-21	United States of America
BOSE CORPORATION	Loudspeaker Design	29/186530	D508041	2003-07-17	2005-08-02	United States of America
BOSE CORPORATION	CONTROLLER DESIGN	29/189451	D542280	2003-09-05	2007-05-08	United States of America
BOSE CORPORATION	LOUDSPEAKER ENCLOSURE DESIGN	29/189494	D507259	2003-09-05	2005-07-12	United States of America

BOSE CORPORATION	Loudspeaker Design	29/189524	D510339	2003-09-05	2005-10-04	United States of America
BOSE CORPORATION	Radio Design	29/191591	D498742	2003-10-09	2004-11-23	United States of America
BOSE CORPORATION	Loudspeaker Design	29/194011	D512988	2003-11-18	2005-12-20	United States of America
BOSE CORPORATION	CD PLAYER DESIGN	29/196292	D508905	2003-12-24	2005-08-30	United States of America
BOSE CORPORATION	REMOTE CONTROL DESIGN	29/196848	D538788	2004-01-06	2007-03-20	United States of America
BOSE CORPORATION	Remote Control	29/361080	D625295	2010-05-05	2010-10-12	United States of America
BOSE CORPORATION	Remote Control	29/361387	D626942	2010-05-11	2010-11-09	United States of America
BOSE CORPORATION	Speaker	29/362150	D641339	2010-05-20	2011-07-12	United States of America
BOSE CORPORATION	Video Display	29/364725	D648691	2010-06-28	2011-11-15	United States of America
BOSE CORPORATION	Video Display Portion	29/364727	D639760	2010-06-28	2011-06-14	United States of America
BOSE CORPORATION	Stand for Video Display	29/364729	D646684	2010-06-28	2011-10-11	United States of America
BOSE CORPORATION	Control Module	29/365877	D633447	2010-07-16	2011-03-01	United States of America
BOSE CORPORATION	Headset	29/365879	D641727	2010-07-16	2011-07-19	United States of America
BOSE CORPORATION	Headset	29/367608	D645456	2010-08-10	2011-09-20	United States of America
BOSE CORPORATION	Headset	29/367611	D645457	2010-08-10	2011-09-20	United States of America
BOSE CORPORATION	Headset	29/367612	D642554	2010-08-10	2011-08-02	United States of America

BOSE CORPORATION	Set of Headphones	29/367615	D659117	2010-08-10	2012-05-08	United States of America
BOSE CORPORATION	Set of Headphones	29/367617	D641737	2010-08-10	2011-07-19	United States of America
BOSE CORPORATION	Earpiece	29/385662	D645458	2011-02-17	2011-09-20	United States of America
BOSE CORPORATION	Earpiece	29/385663	D655693	2011-02-17	2012-03-13	United States of America
BOSE CORPORATION	Speaker	29/389752	D659676	2011-04-15	2012-05-15	United States of America
BOSE CORPORATION	Portable Audio System	29/389754	D663718	2011-04-15	2012-07-17	United States of America
BOSE CORPORATION	Speaker	29/389775	D660284	2011-04-15	2012-05-22	United States of America
BOSE CORPORATION	Loudspeaker	29/392931	D659678	2011-05-27	2012-05-15	United States of America
BOSE CORPORATION	Virtual Theatre	29/398710	D674114	2011-08-03	2013-01-08	United States of America
BOSE CORPORATION	Graphical User Interface for an Audio/Video Device	29/399710	D687843	2011-08-17	2013-08-13	United States of America
BOSE CORPORATION	Headset	29/402138	D662080	2011-09-21	2012-06-19	United States of America
BOSE CORPORATION	Remote Control Portion	29/413102	D668243	2012-02-10	2012-10-02	United States of America
BOSE CORPORATION	Set of Headphones	29/426761	D684950	2012-07-10	2013-06-25	United States of America
BOSE CORPORATION	Set of Headphones with Green and Grey Details	29/426762	D684953	2012-07-10	2013-06-25	United States of America
BOSE CORPORATION	Set of Headphones with Orange and White Details	29/426765	D686191	2012-07-10	2013-07-16	United States of America
BOSE CORPORATION	Audio System	29/430749	D722587	2012-08-29	2015-02-17	United States of America

BOSE CORPORATION	Audio System	29/431946	D693790	2012-09-12	2013-11-19	United States of America
BOSE CORPORATION	Set of Headphones with Blue and Black Details	29/439048	D695265	2012-12-06	2013-12-10	United States of America
BOSE CORPORATION	Set of Headphones with Purple and White Details	29/439049	D695266	2012-12-06	2013-12-10	United States of America
BOSE CORPORATION	Speaker	29/440122	D695271	2012-12-19	2013-12-10	United States of America
BOSE CORPORATION	Set of Headphones and Battery Pack	29/442837	D697049	2013-01-24	2014-01-07	United States of America
BOSE CORPORATION	Remote Control (Design for Lightswitch_	29/449081	D700904	2013-03-14	2014-03-11	United States of America
BOSE CORPORATION	DEVICE HOLDER	29/452066	D713642	2013-04-11	2014-09-23	United States of America
BOSE CORPORATION	Set of Headphones	29/454941	D695267	2013-05-15	2013-12-10	United States of America
BOSE CORPORATION	Set of Headphones with Green and Grey Details	29/454942	D699703	2013-05-15	2014-02-18	United States of America
BOSE CORPORATION	Portable Audio System	29/455310	D708228	2013-05-20	2014-07-01	United States of America
BOSE CORPORATION	Docking Station	29/455719	D730359	2013-05-23	2015-05-26	United States of America
BOSE CORPORATION	Merchandise Display	29/456830	D727666	2013-06-04	2015-04-28	United States of America
BOSE CORPORATION	Earbud with Boom Microphone	29/467378	D712874	2013-09-18	2014-09-09	United States of America
BOSE CORPORATION	Remote Control	29/468895	D722306	2013-10-04	2015-02-10	United States of America
BOSE CORPORATION	Audio System Accessory	29/469097	D732079	2013-10-07	2015-06-16	United States of America
BOSE CORPORATION	Audio System Accessory	29/469103	D732080	2013-10-07	2015-06-16	United States of America

BOSE CORPORATION	Set of Headphones and Battery Pack	29/469204	D712873	2013-10-08	2014-09-09	United States of America
BOSE CORPORATION	Audio System	29/469208	D740787	2013-10-08	2015-10-13	United States of America
BOSE CORPORATION	Set of Headphones	29/469219	D712884	2013-10-08	2014-09-09	United States of America
BOSE CORPORATION	Battery Pack	29/469612	D717728	2013-10-11	2014-11-18	United States of America
BOSE CORPORATION	Headphones	29/475707	D721052	2013-12-05	2015-01-13	United States of America
BOSE CORPORATION	Headphones	29/475709	D719136	2013-12-05	2014-12-09	United States of America
BOSE CORPORATION	Portable Audio System	29/479459	D734739	2014-01-16	2015-07-21	United States of America
BOSE CORPORATION	Surface Pattern for Headphones	29/480912	D727279	2014-01-30	2015-04-21	United States of America
BOSE CORPORATION	Surface Pattern for Headphones	29/482026	D727282	2014-02-13	2015-04-21	United States of America
BOSE CORPORATION	Surface Design for Headphones	29/482027	D727872	2014-02-13	2015-04-28	United States of America
BOSE CORPORATION	Fabric Pattern for Headphone Scrims	29/482028	D727283	2014-02-13	2015-04-21	United States of America
BOSE CORPORATION	Surface Pattern for Headphones	29/482029	D727873	2014-02-13	2015-04-28	United States of America
BOSE CORPORATION	Audio System Accessory	29/483430	D733099	2014-02-28	2015-06-30	United States of America
BOSE CORPORATION	Audio System Accessory (Design)	29/484567	D740560	2014-03-11	2015-10-13	United States of America
BOSE CORPORATION	PORTABLE AUDIO SYSTEM	29/495361	D760684	2014-06-30	2016-07-05	United States of America
BOSE CORPORATION	Headset	29/496683	D740256	2014-07-16	2015-10-06	United States of America

BOSE CORPORATION	Wearable Audio Device	29/496899	D736740	2014-07-18	2015-08-18	United States of America
BOSE CORPORATION	Audio System	29/501559	D755156	2014-09-05	2016-05-03	United States of America
BOSE CORPORATION	Speaker (Design for Pike)	29/502092	D749056	2014-09-11	2016-02-09	United States of America
BOSE CORPORATION	Headphone Ear Cups	29/503997	D737799	2014-10-01	2015-09-01	United States of America
BOSE CORPORATION	Headphone Ear Cups	29/504042	D741289	2014-10-01	2015-10-20	United States of America
BOSE CORPORATION	Audio Adapter(Design)	29/504043	D745010	2014-10-01	2015-12-08	United States of America
BOSE CORPORATION	Satellite Speaker (Design)	29/504045	D758342	2014-10-01	2016-06-07	United States of America
BOSE CORPORATION	Control Console	29/504049	D754627	2014-10-01	2016-04-26	United States of America
BOSE CORPORATION	Headphone Headband	29/504051	D741290	2014-10-01	2015-10-20	United States of America
BOSE CORPORATION	Satellite Speaker	29/504056	D737803	2014-10-01	2015-09-01	United States of America
BOSE CORPORATION	Satellite Speaker(Design)	29/504058	D746263	2014-10-01	2015-12-29	United States of America
BOSE CORPORATION	Speaker System (Design)	29/504061	D742855	2014-10-01	2015-11-10	United States of America
BOSE CORPORATION	SPEAKER	29/509183	D769214	2014-11-14	2016-10-18	United States of America
BOSE CORPORATION	SPEAKER	29/509196	D736742	2014-11-14	2015-08-18	United States of America
BOSE CORPORATION	Speaker	29/514747	D763825	2015-01-15	2016-08-16	United States of America
BOSE CORPORATION	Earpiece	29/522292	D763224	2015-03-30	2016-08-09	United States of America

BOSE CORPORATION	Headphones	29/524908	D764436	2015-04-24	2016-08-23	United States of America
BOSE CORPORATION	Headset	29/526010	D763228	2015-05-05	2016-08-09	United States of America
BOSE CORPORATION	Audio System Pedestal	29/538017	D771590	2015-08-31	2016-11-15	United States of America
BOSE CORPORATION	Audio System	29/538018	D771591	2015-08-31	2016-11-15	United States of America
BOSE CORPORATION	Audio System	29/538714	D764440	2015-09-08	2016-08-23	United States of America
BOSE CORPORATION	Audio System	29/538918	D758994	2015-09-09	2016-06-14	United States of America
BOSE CORPORATION	Audio Amplifier	29/541060	D767529	2015-09-30	2016-09-27	United States of America
BOSE CORPORATION	Audio System	29/541124	D758354	2015-09-30	2016-06-07	United States of America
BOSE CORPORATION	Low Profile Speaker (Design: Noble – Rectangular)	29/541963	D775107	2015-10-09	2016-12-27	United States of America
BOSE CORPORATION	Low Profile Speaker (Design for Noble - Round)	29/541966	D788074	2015-10-09	2017-05-30	United States of America
BOSE CORPORATION	Soundbar (Design for Ginger SoundBar)	29/547351	D791736	2015-12-03	2017-07-11	United States of America
BOSE CORPORATION	Satellite Speaker	29/547352	D790508	2015-12-03	2017-06-27	United States of America
BOSE CORPORATION	Center Channel Speaker	29/547353	D785596	2015-12-03	2017-05-02	United States of America
BOSE CORPORATION	Set of Headphones	29/547389	D786216	2015-12-03	2017-05-09	United States of America
BOSE CORPORATION	Speaker	29/547410	D789907	2015-12-03	2017-06-20	United States of America
BOSE CORPORATION	Control Console (Design for Bardeen Console)	29/547755	D801434	2015-12-07	2017-10-31	United States of America

BOSE CORPORATION	Satellite Speaker (Design)	29/549551	D799445	2015-12-22	2017-10-10	United States of America
BOSE CORPORATION	Satellite Speaker (Design)	29/554998	D776639	2016-02-17	2017-01-17	United States of America
BOSE CORPORATION	Audio Device	29/558566	D797701	2016-03-18	2017-09-19	United States of America
BOSE CORPORATION	Audio Device	29/558573	D795836	2016-03-18	2017-08-29	United States of America
BOSE CORPORATION	PORTABLE AUDIO SYSTEM	29/559229	D809480	2016-03-25	2018-02-06	United States of America
BOSE CORPORATION	Headphones	29/559238	D818989	2016-03-25	2018-05-29	United States of America
BOSE CORPORATION	Earpiece	29/559242	D847116	2016-03-25	2019-04-30	United States of America
BOSE CORPORATION	PORTABLE AUDIO SYSTEM	29/559776	D808927	2016-03-31	2018-01-30	United States of America
BOSE CORPORATION	PORTABLE AUDIO SYSTEM (Design for Followers)	29/559777	D808928	2016-03-31	2018-01-30	United States of America
BOSE CORPORATION	Set of Headphones	29/559968	D809475	2016-04-01	2018-02-06	United States of America
BOSE CORPORATION	Set of Headphones	29/559975	D809476	2016-04-01	2018-02-06	United States of America
BOSE CORPORATION	HEADSET	29/569511	D847117	2016-06-28	2019-04-30	United States of America
BOSE CORPORATION	SUB-WOOFER	29/572087	D832235	2016-07-25	2018-10-30	United States of America
BOSE CORPORATION	Audio Device	29/573069	D815058	2016-08-02	2018-04-10	United States of America
BOSE CORPORATION	Audio Device	29/573070	D815059	2016-08-02	2018-04-10	United States of America
BOSE CORPORATION	Audio Device	29/573072	D821352	2016-08-02	2018-06-26	United States of America

BOSE CORPORATION	Audio Device	29/573074	D831607	2016-08-02	2018-10-23	United States of America
BOSE CORPORATION	Wireless Audio Adapter	29/575571	D798339	2016-08-26	2017-09-26	United States of America
BOSE CORPORATION	Device Holder	29/584109	D817640	2016-11-11	2018-05-15	United States of America
BOSE CORPORATION	Audio Mixer	29/595287	D833418	2017-02-27	2018-11-13	United States of America
BOSE CORPORATION	Speaker	29/597171	D836596	2017-03-15	2018-12-25	United States of America
BOSE CORPORATION	Control Module (Design)	29/599515	D824883	2017-04-04	2018-08-07	United States of America
BOSE CORPORATION	Portable Loudspeaker	29/599776	D830343	2017-04-06	2018-10-09	United States of America
BOSE CORPORATION	Headset	29/600678	D847779	2017-04-14	2019-05-07	United States of America
BOSE CORPORATION	Charging Cradle for Portable Loudspeakers	29/605345	D821307	2017-05-25	2018-06-26	United States of America
BOSE CORPORATION	Soundbar	29/610131	D826216	2017-07-10	2018-08-21	United States of America
BOSE CORPORATION	Soundbar	29/610318	D835605	2017-07-11	2018-12-11	United States of America
BOSE CORPORATION	Speaker (Professor Bass Box Design)	29/612883	D872054	2017-08-04	2020-01-07	United States of America
BOSE CORPORATION	HEADSET	29/615440	D851629	2017-08-29	2019-06-18	United States of America
BOSE CORPORATION	Set of Headphones	29/615466	D840969	2017-08-29	2019-02-19	United States of America
BOSE CORPORATION	Set of Headphones	29/615476	D840971	2017-08-29	2019-02-19	United States of America
BOSE CORPORATION	Headset (Design)	29/618873	D860967	2017-09-25	2019-09-24	United States of America

BOSE CORPORATION	Loudspeaker (Eddie Design)	29/618965	D851058	2017-09-26	2019-06-11	United States of America
BOSE CORPORATION	Remote Control	29/628468	D873801	2017-12-05	2020-01-28	United States of America
BOSE CORPORATION	Set of Headphones	29/630347	D840973	2017-12-20	2019-02-19	United States of America
BOSE CORPORATION	Set of Headphones	29/635960	D868023	2018-02-05	2019-11-26	United States of America
BOSE CORPORATION	Set of Headphones	29/635966	D868024	2018-02-05	2019-11-26	United States of America
BOSE CORPORATION	LOUDSPEAKER (Flipper Design)	29/642099	D868034	2018-03-27	2019-11-26	United States of America
BOSE CORPORATION	Set of Headphones	29/648036	D864900	2018-05-17	2019-10-29	United States of America
BOSE CORPORATION	Remote Control	29/654309	D873804	2018-06-22	2020-01-28	United States of America
BOSE CORPORATION	Soundbar (Design for Ginger SoundBar)	29/657453	D906283	2018-07-23	2020-12-29	United States of America
BOSE CORPORATION	Audio Eyeglasses	29/658422	D865040	2018-07-31	2019-10-29	United States of America
BOSE CORPORATION	Set of Headphones (Goodyear Design)	29/659383	D874428	2018-08-08	2020-02-04	United States of America
BOSE CORPORATION	Headphones	29/674066	D894868	2018-12-19	2020-09-01	United States of America
BOSE CORPORATION	Headphones	29/674072	D895571	2018-12-19	2020-09-08	United States of America
BOSE CORPORATION	Earbud	29/674101	D902890	2018-12-19	2020-11-24	United States of America
BOSE CORPORATION	Earbud	29/674107	D912647	2018-12-19	2021-03-09	United States of America
BOSE CORPORATION	Loudspeaker	29/674506	D959407	2018-12-21	2022-08-02	United States of America

BOSE CORPORATION	CHARGING DOCK	29/674512	D878291	2018-12-21	2020-03-17	United States of America
BOSE CORPORATION	Earbud	29/674536	D906293	2018-12-21	2020-12-29	United States of America
BOSE CORPORATION	Earbud	29/674538	D912648	2018-12-21	2021-03-09	United States of America
BOSE CORPORATION	CHARGING CASE	29/674544	D886455	2018-12-21	2020-06-09	United States of America
BOSE CORPORATION	Headset	29/680363	D894874	2019-02-15	2020-09-01	United States of America
BOSE CORPORATION	Set of Headphones	29/686135	D920951	2019-04-02	2021-06-01	United States of America
BOSE CORPORATION	Set of Headphones	29/686141	D907599	2019-04-02	2021-01-12	United States of America
BOSE CORPORATION	Loudspeaker (Eddie Design)	29/689297	D896780	2019-04-29	2020-09-22	United States of America
BOSE CORPORATION	EARBUD	29/704798	D920290	2019-09-06	2021-05-25	United States of America
BOSE CORPORATION	SET OF HEADPHONES	29/705316	D919593	2019-09-11	2021-05-18	United States of America
BOSE CORPORATION	Ear Tip	29/709926	D941274	2019-10-18	2022-01-18	United States of America
BOSE CORPORATION	Earbud	29/710809	D922984	2019-10-25	2021-06-22	United States of America
BOSE CORPORATION	Earbud Case	29/710813	D933004	2019-10-25	2021-10-12	United States of America
BOSE CORPORATION	CHARGING CASE	29/712711	D925445	2019-11-11	2021-07-20	United States of America
BOSE CORPORATION	Ear Tip	29/714342	D947156	2019-11-22	2022-03-29	United States of America
BOSE CORPORATION	Loudspeaker	29/716319	D928118	2019-12-09	2021-08-17	United States of America

BOSE CORPORATION	Loudspeaker	29/716322	D927449	2019-12-09	2021-08-10	United States of America
BOSE CORPORATION	Loudspeaker	29/716326	D944229	2019-12-09	2022-02-22	United States of America
BOSE CORPORATION	Loudspeaker	29/716332	D927450	2019-12-09	2021-08-10	United States of America
BOSE CORPORATION	Loudspeaker	29/716340	D927461	2019-12-09	2021-08-10	United States of America
BOSE CORPORATION	Audio Eyeglasses	29/718137	D923690	2019-12-20	2021-06-29	United States of America
BOSE CORPORATION	Audio Eyeglasses - design	29/718143	D933736	2019-12-20	2021-10-19	United States of America
BOSE CORPORATION	Audio Eyeglasses (Vedder Design 1 of 3)	29/718146	D923691	2019-12-20	2021-06-29	United States of America
BOSE CORPORATION	Audio Eyeglasses (Vedder Design 2 of 3)	29/718148	D923692	2019-12-20	2021-06-29	United States of America
BOSE CORPORATION	Audio Eyeglasses	29/718153	D923693	2019-12-20	2021-06-29	United States of America
BOSE CORPORATION	Audio headset	29/718338	D945401	2019-12-23	2022-03-08	United States of America
BOSE CORPORATION	SOUNDBAR	29/718426	D932461	2019-12-24	2021-10-05	United States of America
BOSE CORPORATION	MICROPHONE ACCESSORY	29/722246	D942963	2020-01-28	2022-02-08	United States of America
BOSE CORPORATION	Audio Accessory	29/731753	D925496	2020-04-17	2021-07-20	United States of America
BOSE CORPORATION	Audio Accessory	29/731755	D933635	2020-04-17	2021-10-19	United States of America
BOSE CORPORATION	SPEAKER	29/733762	D958111	2020-05-06	2022-07-19	United States of America
BOSE CORPORATION	Hearing Aid Case	29/738822	D947532	2020-06-19	2022-04-05	United States of America

BOSE CORPORATION	Device Holder	29/744488	D958531	2020-07-29	2022-07-26	United States of America
BOSE CORPORATION	EARBUD	29/759635	D926163	2020-11-24	2021-07-27	United States of America
BOSE CORPORATION	Soundbar	29/786965	D990451	2021-06-03	2023-06-27	United States of America
BOSE CORPORATION	Audio headset	29/806328	D958118	2021-09-02	2022-07-19	United States of America
BOSE CORPORATION	SOUNDBAR (San Diego design)	29/810377	D949821	2021-10-04	2022-04-26	United States of America
BOSE CORPORATION	Ear Tip	29/977,281		2024-12-06		United States of America
BOSE CORPORATION	Device Holder	29705641	D973668	2019-09-13	2022-12-27	United States of America
BOSE CORPORATION	Audio Headset	29722245	D1011310	2020-01-28	2024-01-16	United States of America
BOSE CORPORATION	Portable Loudspeaker	29751191	D967058	2020-09-18	2022-10-18	United States of America
BOSE CORPORATION	Audio Accessory	29759249	D983168	2020-11-20	2023-04-11	United States of America
BOSE CORPORATION	Eyeglasses	29759259	D1048155	2020-11-20	2024-10-22	United States of America
BOSE CORPORATION	Audio Eyeglasses	29759266	D1017671	2020-11-20	2024-03-12	United States of America
BOSE CORPORATION	Eyeglasses	29759274	D1016895	2020-11-20	2024-03-05	United States of America
BOSE CORPORATION	Charging Case	29759281	D1000378	2020-11-20	2023-10-03	United States of America
BOSE CORPORATION	Audio Eyeglasses	29759282	D1042606	2020-11-20	2024-09-17	United States of America
BOSE CORPORATION	SET OF HEADPHONES	29770111	D970468	2021-02-09	2022-11-22	United States of America

BOSE CORPORATION	Earbud	29795602	D976874	2021-06-18	2023-01-31	United States of America
BOSE CORPORATION	Charging Case	29795604	D1013626	2021-06-18	2024-02-06	United States of America
BOSE CORPORATION	Earbud	29795608	D980826	2021-06-18	2023-03-14	United States of America
BOSE CORPORATION	Charging Case	29799621	D1030652	2021-07-15	2024-06-11	United States of America
BOSE CORPORATION	Earbud	29809600	D980827	2021-09-29	2023-03-14	United States of America
BOSE CORPORATION	Stability band for earbud	29809605	D997919	2021-09-29	2023-09-05	United States of America
BOSE CORPORATION	Headset	29816295	D1055023	2021-11-19	2024-12-24	United States of America
BOSE CORPORATION	Control module	29816298	D992515	2021-11-19	2023-07-18	United States of America
BOSE CORPORATION	Charging case	29818391	D1014087	2021-12-08	2024-02-13	United States of America
BOSE CORPORATION	Audio Amplifier (DESIGN)	29825384		2022-01-31		United States of America
BOSE CORPORATION	SET OF HEADPHONES	29827361	D1024005	2022-02-18	2024-04-23	United States of America
BOSE CORPORATION	Charging case	29831559	D1059277	2022-03-21	2025-01-28	United States of America
BOSE CORPORATION	Earbud	29831563	D1047974	2022-03-21	2024-10-22	United States of America
BOSE CORPORATION	Charging case	29831565	D1025898	2022-03-21	2024-05-07	United States of America
BOSE CORPORATION	Charging Case	29836994	D1014461	2022-04-29	2024-02-13	United States of America
BOSE CORPORATION	Earbud	29836998	D1051880	2022-04-29	2024-11-19	United States of America

BOSE CORPORATION	Charging Case	29837000	D1036123	2022-04-29	2024-07-23	United States of America
BOSE CORPORATION	Soundbar (Malcolm design)	29843429		2022-06-21		United States of America
BOSE CORPORATION	CHARGING CASE	29854525	D1061433	2022-09-26	2025-02-11	United States of America
BOSE CORPORATION	CHARGING CASE	29854531		2022-09-26		United States of America
BOSE CORPORATION	CHARGING CASE WITH EARBUDS	29854532	D1051102	2022-09-26	2024-11-12	United States of America
BOSE CORPORATION	Earbud	29854569	D1051103	2022-09-26	2024-11-12	United States of America
BOSE CORPORATION	Wireless Transmitter	29855005	D1052561	2022-09-29	2024-11-26	United States of America
BOSE CORPORATION	Wireless Transmitter	29855557	D1045852	2022-10-04	2024-10-08	United States of America
BOSE CORPORATION	Set of Headphones	29855787	D1051874	2022-10-07	2024-11-19	United States of America
BOSE CORPORATION	Portable Speaker	29856882	D1050066	2022-10-18	2024-11-05	United States of America
BOSE CORPORATION	Portable Speaker	29856883	D1045824	2022-10-18	2024-10-08	United States of America
BOSE CORPORATION	Cover for an Earbud Charging Case	29858175		2022-10-28		United States of America
BOSE CORPORATION	In-Line Microphone	29892628		2023-05-19		United States of America
BOSE CORPORATION	Cover for an Earbud Charging Case	29893166		2023-05-25		United States of America
BOSE CORPORATION	Cover for an Earbud Charging Case	29893172		2023-05-25		United States of America
BOSE CORPORATION	Cover for an Earbud Charging Case	29893177		2023-05-25		United States of America

BOSE CORPORATION	Soundbar	29895902		2023-06-27		United States of America
BOSE CORPORATION	Portable Loudspeaker	29905468		2023-10-20		United States of America
BOSE CORPORATION	Earbud	29917195		2023-11-17		United States of America
BOSE CORPORATION	Earbud	29917196		2023-11-17		United States of America
BOSE CORPORATION	Earbud Retention Member	29917199		2023-11-17		United States of America
BOSE CORPORATION	CHARGING CASE	29919420		2023-12-04		United States of America
BOSE CORPORATION	CHARGING CASE WITH EARBUDS	29919425		2023-12-04		United States of America
BOSE CORPORATION	Earbud	29919429		2023-12-04		United States of America
BOSE CORPORATION	Earbud	29932851		2024-03-15		United States of America
BOSE CORPORATION	Retention Member for Earbud	29932868		2024-03-15		United States of America
BOSE CORPORATION	Earrip for Earbud	29932870		2024-03-15		United States of America
BOSE CORPORATION	Handle	29933755		2024-03-21		United States of America
BOSE CORPORATION	Carrying Strap	29933759		2024-03-21		United States of America
BOSE CORPORATION	Loudspeaker	29938315		2024-04-19		United States of America
BOSE CORPORATION	Earbud	29964183		2024-09-20		United States of America
BOSE CORPORATION	Receiver for Hearing Aid	29965546		2024-09-27		United States of America

BOSE CORPORATION	Ear Tip	29965550		2024-09-27		United States of America
BOSE CORPORATION	Earbud	29968646		2024-10-17		United States of America
BOSE CORPORATION	Spatial Disassembly Processor	08/228125	7630500	1994-04-15	2009-12-08	United States of America
BOSE CORPORATION	AUDIO DEVICE HEAT TRANSFERRING	10/246331	7120270	2002-09-18	2006-10-10	United States of America
BOSE CORPORATION	CONTROLLING FADING AND SURROUND SIGNAL LEVEL	10/367251	7305097	2003-02-14	2007-12-04	United States of America
BOSE CORPORATION	LINE ARRAY ELECTROACOUSTICAL TRANSDUCING	10/610466	7319767	2003-06-30	2008-01-15	United States of America
BOSE CORPORATION	PORTING	10/699304	7463744	2003-10-31	2008-12-09	United States of America
BOSE CORPORATION	Electrical Isolation Of An Electronic Device	10/713314	6864422	2003-11-14	2005-03-08	United States of America
BOSE CORPORATION	HEADSET NOISE REDUCING	10/754094	RE43939	2004-01-08	2013-01-22	United States of America
BOSE CORPORATION	Vehicle Audio System Surround Modes	10/756028	7653203	2004-01-13	2010-01-26	United States of America
BOSE CORPORATION	ACOUSTIC WAVEGUIDING	10/805440	7565948	2004-03-19	2009-07-28	United States of America
BOSE CORPORATION	CIRCUIT COOLING	10/817081	7082034	2004-04-01	2006-07-25	United States of America
BOSE CORPORATION	Managing An Audio Network	10/863650	8214447	2004-06-08	2012-07-03	United States of America
BOSE CORPORATION	Audio Signal Processing	10/863931	7490044	2004-06-08	2009-02-10	United States of America
BOSE CORPORATION	WAVEGUIDE ELECTROACOUSTICAL TRANSDUCING	10/866566	7623670	2004-06-11	2009-11-24	United States of America

BOSE CORPORATION	NOISE REDUCTION HEADSET	10/868318	8189803	2004-06-15	2012-05-29	United States of America
BOSE CORPORATION	ACOUSTIC RADIATING	10/914497	7584820	2004-08-09	2009-09-08	United States of America
BOSE CORPORATION	LOUDSPEAKER SUSPENSION	10/993996	7397927	2004-11-19	2008-07-08	United States of America
BOSE CORPORATION	BAFFLE VIBRATION REDUCING	10/999419	7551749	2004-11-30	2009-06-23	United States of America
BOSE CORPORATION	VEHICLE COMMUNICATING	11/054259	7299076	2005-02-09	2007-11-20	United States of America
BOSE CORPORATION	MULTI CHANNEL BASS MANAGEMENT	11/104746	7974417	2005-04-13	2011-07-05	United States of America
BOSE CORPORATION	PERSON MONITORING	11/142749	7525440	2005-06-01	2009-04-28	United States of America
BOSE CORPORATION	LINE ARRAY ELECTROACOUSTICAL TRANSDUCING	11/246468	7936891	2005-10-06	2011-05-03	United States of America
BOSE CORPORATION	VEHICLE DIRECTIONAL ELECTROACOUSTICAL TRANSDUCING	11/282871	8090116	2005-11-18	2012-01-03	United States of America
BOSE CORPORATION	HEADSET AUDIO ACCESSORY	11/390718	7627352	2006-03-27	2009-12-01	United States of America
BOSE CORPORATION	HIGH FREQUENCY COMPENSATING	11/409894	8054992	2006-04-24	2011-11-08	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION MICROPHONE PLACING	11/409896	8077874	2006-04-24	2011-12-13	United States of America
BOSE CORPORATION	Active Noise Reduction Adaptive Filter Leakage Adjusting	11/426537	8194873	2006-06-26	2012-06-05	United States of America
BOSE CORPORATION	Acoustic Transducer Array Signal Processing	11/462496	7995778	2006-08-04	2011-08-09	United States of America
BOSE CORPORATION	Passive Acoustical Radiating	11/463325	8031896	2006-08-09	2011-10-04	United States of America

BOSE CORPORATION	AUDIO SIGNAL PROCESSING	11/463791	8175292	2006-08-10	2012-05-08	United States of America
BOSE CORPORATION	POWER PRODUCTION DURING A REDUCED ACTIVITY STATE	11/466021	7602628	2006-08-21	2009-10-13	United States of America
BOSE CORPORATION	MEDIA PLAYING FROM A DOCKED HANDHELD MEDIA DEVICE	11/513957	10013381	2006-08-31	2018-07-03	United States of America
BOSE CORPORATION	In-Plane Speaker	11/591285	7881488	2006-11-01	2011-02-01	United States of America
BOSE CORPORATION	INTERACTIVE SOUND REPRODUCING	11/608034	8364295	2006-12-07	2013-01-29	United States of America
BOSE CORPORATION	PORTABLE AUDIO SYSTEM HAVING WAVEGUIDE STRUCTURE	11/615653	8103035	2006-12-22	2012-01-24	United States of America
BOSE CORPORATION	MICROPHONE TECHNIQUES	11/619992	7920903	2007-01-04	2011-04-05	United States of America
BOSE CORPORATION	METHOD AND APPARATUS FOR CONSERVING BATTERY POWER	11/673953	7983427	2007-02-12	2011-07-19	United States of America
BOSE CORPORATION	SPIDER	11/680358	8315420	2007-02-28	2012-11-20	United States of America
BOSE CORPORATION	System and Method for Intelligent Equalization	11/680947	7518055	2007-03-01	2009-04-14	United States of America
BOSE CORPORATION	AUDIO SYSTEM WITH SYNTHESIZED POSITIVE IMPEDANCE	11/681621	8224009	2007-03-02	2012-07-17	United States of America
BOSE CORPORATION	DIRECTIONALLY RADIATING SOUND IN A VEHICLE	11/744579	8325936	2007-05-04	2012-12-04	United States of America
BOSE CORPORATION	Diaphragm Surround	11/756119	7699139	2007-05-31	2010-04-20	United States of America
BOSE CORPORATION	Sound Discrimination Method and Apparatus	11/766622	8767975	2007-06-21	2014-07-01	United States of America

BOSE CORPORATION	SYSTEM AND METHOD FOR DIRECTIONALLY RADIATING SOUND	11/780461	9100748	2007-07-19	2015-08-04	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DIRECTIONALLY RADIATING SOUND	11/780463	8483413	2007-07-19	2013-07-09	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DIRECTIONALLY RADIATING SOUND	11/780466	8724827	2007-07-19	2014-05-13	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DIRECTIONALLY RADIATING SOUND	11/780468	9560448	2007-07-19	2017-01-31	United States of America
BOSE CORPORATION	VEHICLE AUDIO SYSTEM INCLUDING DOOR MOUNTED COMPONENTS	11/927433	8126187	2007-10-29	2012-02-28	United States of America
BOSE CORPORATION	AUTOMOBILE AUDIO SYSTEM	11/933172	7724909	2007-10-31	2010-05-25	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR SOUND SYSTEM SIMULATION	11/948160	7805286	2007-11-30	2010-09-28	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR SOUND SYSTEM SIMULATION	11/954,539	8150051	2007-12-12	2012-04-03	United States of America
BOSE CORPORATION	WAVEGUIDE ELECTROACOUSTICAL TRANSDUCING	12/020978	8351629	2008-02-21	2013-01-08	United States of America
BOSE CORPORATION	Active Noise Reduction Adaptive Filter Leakage Adjusting	12/040098	8204242	2008-02-29	2012-06-19	United States of America
BOSE CORPORATION	WATERPROOFING LOUDSPEAKER CONES	12/056428	7913808	2008-03-27	2011-03-29	United States of America
BOSE CORPORATION	Acoustic Passive Radiating	12/056872	8189841	2008-03-27	2012-05-29	United States of America

BOSE CORPORATION	LOUDSPEAKER SUSPENSION	12/057889	8139812	2008-03-28	2012-03-20	United States of America
BOSE CORPORATION	System and Method for Reduced Baffle Vibration	12/101187	8031897	2008-04-11	2011-10-04	United States of America
BOSE CORPORATION	HEARING ASSISTANCE APPARATUS	12/107114	8611554	2008-04-22	2013-12-17	United States of America
BOSE CORPORATION	Passive Directional Acoustic Radiating	12/114261	8351630	2008-05-02	2013-01-08	United States of America
BOSE CORPORATION	Detecting a Loudspeaker Configuration	12/114265	8325931	2008-05-02	2012-12-04	United States of America
BOSE CORPORATION	HEADPHONING	12/145535	7970159	2008-06-25	2011-06-28	United States of America
BOSE CORPORATION	System and Method for Reducing Baffle Vibration	12/183325	8180076	2008-07-31	2012-05-15	United States of America
BOSE CORPORATION	Audio Signal Processing	12/190653	8099293	2008-08-13	2012-01-17	United States of America
BOSE CORPORATION	Audio Signal Processing	12/190654	8295496	2008-08-13	2012-10-23	United States of America
BOSE CORPORATION	Induction Cookware	12/205447	8796598	2008-09-05	2014-08-05	United States of America
BOSE CORPORATION	Spare Tire Cover-Mounted Loudspeaker	12/236773	8204244	2008-09-24	2012-06-19	United States of America
BOSE CORPORATION	Ducting Sound	12/249033	8144894	2008-10-10	2012-03-27	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION ADAPTIVE FILTER LEAKAGE ADJUSTING	12/254037	8355512	2008-10-20	2013-01-15	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION ADAPTIVE FILTER ADAPTATION RATE ADJUSTING	12/254041	8306240	2008-10-20	2012-11-06	United States of America
BOSE CORPORATION	Dual Configuration Speaker	12/262473	8126180	2008-10-31	2012-02-28	United States of America

BOSE CORPORATION	HIGH TRANSMISSION LOSS HEADPHONE CUSHION	12/324336	8374373	2008-11-26	2013-02-12	United States of America
BOSE CORPORATION	Masking Based Gain Control	12/342759	8218783	2008-12-23	2012-07-10	United States of America
BOSE CORPORATION	DIAPHRAGM SURROUNDING	12/365748	7931115	2009-02-04	2011-04-26	United States of America
BOSE CORPORATION	Active Noise Reduction Adaptive Filtering	12/408441	8335318	2009-03-20	2012-12-18	United States of America
BOSE CORPORATION	Personal Acoustic Device Position Determination	12/413740	8238567	2009-03-30	2012-08-07	United States of America
BOSE CORPORATION	REVERSIBLE PERSONAL AUDIO DEVICE CABLE COUPLING	12/423503	8477959	2009-04-14	2013-07-02	United States of America
BOSE CORPORATION	ANR Settings Boot Loading	12/430976	8144890	2009-04-28	2012-03-27	United States of America
BOSE CORPORATION	ANR Signal Processing Topology	12/430984	8184822	2009-04-28	2012-05-22	United States of America
BOSE CORPORATION	Dynamically Configurable ANR Signal Process Topology	12/430990	8073150	2009-04-28	2011-12-06	United States of America
BOSE CORPORATION	Dynamically Configurable ANR Filter Block Topology	12/430994	8073151	2009-04-28	2011-12-06	United States of America
BOSE CORPORATION	Feedback-Based ANR Adjustment Responsive to Environmental Noise Levels	12/430999	8208650	2009-04-28	2012-06-26	United States of America
BOSE CORPORATION	Binaural Feedforward-Based ANR	12/431000	8280066	2009-04-28	2012-10-02	United States of America
BOSE CORPORATION	Feedforward-Based ANR Talk-Through	12/431001	8155334	2009-04-28	2012-04-10	United States of America
BOSE CORPORATION	ANR Analysis Side-Chain Data Support	12/431003	8085946	2009-04-28	2011-12-27	United States of America
BOSE CORPORATION	ANR Settings Triple-Buffering	12/431004	8165313	2009-04-28	2012-04-24	United States of America

BOSE CORPORATION	Intercom Headset Connection and Disconnection Responses	12/431959	8222641	2009-04-29	2012-07-17	United States of America
BOSE CORPORATION	Intercom Headset Connection and Disconnection Detection	12/431962	8213625	2009-04-29	2012-07-03	United States of America
BOSE CORPORATION	CENTER CHANNEL RENDERING	12/465146	8620006	2009-05-13	2013-12-31	United States of America
BOSE CORPORATION	Loudspeaker Suspension	12/469777	8290199	2009-05-21	2012-10-16	United States of America
BOSE CORPORATION	Electroacoustic Transducing with a Bridge Phase Plug	12/490463	8139804	2009-06-24	2012-03-20	United States of America
BOSE CORPORATION	INTERACTIVE SOUND REPRODUCING	12/541742	8401682	2009-08-14	2013-03-19	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DESIGNING SOUND SYSTEMS	12/557046	8027483	2009-09-10	2011-09-27	United States of America
BOSE CORPORATION	AUTOMATED CUSTOMIZATION OF LOUDSPEAKERS	12/557885	8917896	2009-09-11	2014-12-23	United States of America
BOSE CORPORATION	SUPRA-AURAL HEADPHONE NOISE REDUCING	12/576699	8111858	2009-10-09	2012-02-07	United States of America
BOSE CORPORATION	Multi-Element Directional Acoustic Arrays	12/716309	8265310	2010-03-03	2012-09-11	United States of America
BOSE CORPORATION	VEHICLE ENGINE SOUND ENHANCEMENT	12/716887	8320581	2010-03-03	2012-11-27	United States of America
BOSE CORPORATION	Versatile Audio Power Amplifier	12/717198	7986187	2010-03-04	2011-07-26	United States of America
BOSE CORPORATION	Planar Audio Amplifier Output Inductor With Current Sense	12/717208	8243960	2010-03-04	2012-08-14	United States of America
BOSE CORPORATION	POWER SUPPLY TRANSIENT RESPONSE IMPROVING	12/717216	8350537	2010-03-04	2013-01-08	United States of America
BOSE CORPORATION	REDUCING PULSE ERROR DISTORTION	12/717224	8378743	2010-03-04	2013-02-19	United States of America

BOSE CORPORATION	CORRECTING ENGINE NOISE CANCELLATION MICROPHONE DISTURBANCES	12/719268	8280073	2010-03-08	2012-10-02	United States of America
BOSE CORPORATION	Feedforward ANR Device Acoustics	12/719903	8571228	2010-03-09	2013-10-29	United States of America
BOSE CORPORATION	Feedforward ANR Device Cover	12/719908	8416960	2010-03-09	2013-04-09	United States of America
BOSE CORPORATION	Automatic Audio Source Switching	12/727595	9426574	2010-03-19	2016-08-23	United States of America
BOSE CORPORATION	Switchable Wired-Wireless Electromagnetic Signal Communication	12/727658	8594569	2010-03-19	2013-11-26	United States of America
BOSE CORPORATION	Personal Acoustic Device Position Determination	12/728465	8699719	2010-03-22	2014-04-15	United States of America
BOSE CORPORATION	System and Method for Excursion Limiting	12/732696	8351621	2010-03-26	2013-01-08	United States of America
BOSE CORPORATION	Personal Acoustic Device Position Determination	12/748409	8243946	2010-03-27	2012-08-14	United States of America
BOSE CORPORATION	COORDINATED ANR REFERENCE SOUND COMPRESSION	12/749935	8315405	2010-03-30	2012-11-20	United States of America
BOSE CORPORATION	DIGITAL HIGH FREQUENCY PHASE COMPENSATION	12/750309	8345888	2010-03-30	2013-01-01	United States of America
BOSE CORPORATION	Convertible Filter	12/750832	8090114	2010-03-31	2012-01-03	United States of America
BOSE CORPORATION	Acoustic Radiation Pattern Adjusting	12/751223	8290195	2010-03-31	2012-10-16	United States of America
BOSE CORPORATION	Frequency-Dependent ANR Reference Sound Compression	12/766901	8532310	2010-04-25	2013-09-10	United States of America
BOSE CORPORATION	ANR Instability Detection	12/766902	8611553	2010-04-25	2013-12-17	United States of America

BOSE CORPORATION	Variable ANR Transform Compression	12/766914	8472637	2010-04-25	2013-06-25	United States of America
BOSE CORPORATION	Connection-Responsive Audio Mixing	12/769898	8315413	2010-04-29	2012-11-20	United States of America
BOSE CORPORATION	Digital Data Transfer Via Audio Signal Conductors	12/838464	8494184	2010-07-18	2013-07-23	United States of America
BOSE CORPORATION	Systems, Methods and Apparatus for Equalization Preference Learning	12/846456	8565908	2010-07-29	2013-10-22	United States of America
BOSE CORPORATION	MULTI-ELEMENT DIRECTIONAL ACOUSTIC ARRAYS	12/852967	8139774	2010-08-09	2012-03-20	United States of America
BOSE CORPORATION	Passive Directional Acoustic Radiating	12/854982	8447055	2010-08-12	2013-05-21	United States of America
BOSE CORPORATION	ACTIVE AND PASSIVE DIRECTIONAL ACOUSTIC RADIATING	12/855000	8553894	2010-08-12	2013-10-08	United States of America
BOSE CORPORATION	Equalized Earphones	12/857462	8594351	2010-08-16	2013-11-26	United States of America
BOSE CORPORATION	Earpiece Positioning and Retaining	12/860531	8249287	2010-08-20	2012-08-21	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	12/860573	8311253	2010-08-20	2012-11-13	United States of America
BOSE CORPORATION	Vehicle External Warning Sound Generation System and Method	12/882249	8362921	2010-09-15	2013-01-29	United States of America
BOSE CORPORATION	System for Accomplishing Bi-Directional Digital Audio Data and Control Communications	12/888535	8615091	2010-09-23	2013-12-24	United States of America
BOSE CORPORATION	Modular Acoustic Horns and Horn Arrays	12/898947	9111521	2010-10-06	2015-08-18	United States of America
BOSE CORPORATION	Transducer with Integrated Sensor	12/969685	9241227	2011-01-06	2016-01-19	United States of America

BOSE CORPORATION	Acoustic Diaphragm Suspending	12/977484	8540049	2010-12-23	2013-09-24	United States of America
BOSE CORPORATION	VEHICLE ENGINE SOUND ENHANCEMENT	13/004630	9299337	2011-01-11	2016-03-29	United States of America
BOSE CORPORATION	AUTOMATED CUSTOMIZATION OF LOUDSPEAKERS	13/029425	9185476	2011-02-17	2015-11-10	United States of America
BOSE CORPORATION	Acoustic Horn Gain Managing	13/030656	9049519	2011-02-18	2015-06-02	United States of America
BOSE CORPORATION	PORTABLE AUDIO SYSTEM HAVING WAVEGUIDE STRUCTURE	13/033893	8503709	2011-02-24	2013-08-06	United States of America
BOSE CORPORATION	MULTI CHANNEL BASS MANAGEMENT	13/072170	9055383	2011-03-25	2015-06-09	United States of America
BOSE CORPORATION	ELECTRO-ACOUSTIC TRANSDUCER ENCLOSURE	13/072837	8837768	2011-03-28	2014-09-16	United States of America
BOSE CORPORATION	WATERPROOFING LOUDSPEAKER CONES	13/073012	8172035	2011-03-28	2012-05-08	United States of America
BOSE CORPORATION	Multimedia Analysis and Recommendation Generation	13/074293	9529801	2011-03-29	2016-12-27	United States of America
BOSE CORPORATION	COMMON MODE HYSTERESIS FOR PULSE-WIDTH MODULATION DRIVES	13/075453	8760106	2011-03-30	2014-06-24	United States of America
BOSE CORPORATION	Monofilament Fabric Acoustic Suspension Elements	13/075598	9763012	2011-03-30	2017-09-12	United States of America
BOSE CORPORATION	Measuring Transducer Displacement	13/075899	8705754	2011-03-30	2014-04-22	United States of America
BOSE CORPORATION	POWER CONVERTER USING ORTHOGONAL SECONDARY WINDINGS	13/076923	9224531	2011-03-31	2015-12-29	United States of America
BOSE CORPORATION	ADAPTIVE FEED-FORWARD NOISE REDUCTION	13/077190	8693700	2011-03-31	2014-04-08	United States of America

BOSE CORPORATION	High Transmission Loss Cushion	13/078258	8467539	2011-04-01	2013-06-18	United States of America
BOSE CORPORATION	Rejecting Noise with Paired Microphones	13/078632	8620650	2011-04-01	2013-12-31	United States of America
BOSE CORPORATION	Microphone Techniques	13/079156	8447370	2011-04-04	2013-05-21	United States of America
BOSE CORPORATION	Zero Power Drain Pushbutton Controls	13/080357	8841799	2011-04-05	2014-09-23	United States of America
BOSE CORPORATION	MULTI-MODE AUDIO DEVICE INTERFACING	13/081010	9215529	2011-04-06	2015-12-15	United States of America
BOSE CORPORATION	Power Supply with Tickle Pulse Injection	13/081105	8797766	2011-04-06	2014-08-05	United States of America
BOSE CORPORATION	Orientation-Responsive Acoustic Driver Selection	13/086976	8934647	2011-04-14	2015-01-13	United States of America
BOSE CORPORATION	Orientation-Responsive Acoustic Array Control	13/087002	9253561	2011-04-14	2016-02-02	United States of America
BOSE CORPORATION	Orientation-Responsive Use of Acoustic Reflection	13/087023	8934655	2011-04-14	2015-01-13	United States of America
BOSE CORPORATION	POWER SUPPLY WITH RECTIFIER PROTECTION	13/107267	9054658	2011-05-13	2015-06-09	United States of America
BOSE CORPORATION	Communications Headset Power Provision	13/152455	8750534	2011-06-03	2014-06-10	United States of America
BOSE CORPORATION	Communications Headset Power Provision	13/152474	8750535	2011-06-03	2014-06-10	United States of America
BOSE CORPORATION	Versatile Audio Power Amplifier	13/160806	8558618	2011-06-15	2013-10-15	United States of America
BOSE CORPORATION	EARPIECE PASSIVE NOISE ATTENUATING	13/193288	8737669	2011-07-28	2014-05-27	United States of America
BOSE CORPORATION	Loudspeaker	13/205663	8459404	2011-08-09	2013-06-11	United States of America
BOSE CORPORATION	Wiper Seal for Passive Radiator	13/211879	8638975	2011-08-17	2014-01-28	United States of America

BOSE CORPORATION	MULTI-CHANNEL CLASS-D AUDIO AMPLIFIER WITH PLANAR INDUCTORS	13/213135	8908887	2011-08-19	2014-12-09	United States of America
BOSE CORPORATION	Transducer with Integrated Sensor	13/213356	9049523	2011-08-19	2015-06-02	United States of America
BOSE CORPORATION	Passive Acoustical Radiating	13/224466	8594358	2011-09-02	2013-11-26	United States of America
BOSE CORPORATION	Versatile Audio Power Amplifier	13/227764	8384478	2011-09-08	2013-02-26	United States of America
BOSE CORPORATION	Wireless Audio Device Call Device Selection	13/245478	8666461	2011-09-26	2014-03-04	United States of America
BOSE CORPORATION	AUTOMATIC AUDIO SYSTEM EQUALIZING	13/295128	9628911	2011-11-14	2017-04-18	United States of America
BOSE CORPORATION	AUTOMATIC AUDIO SYSTEM EQUALIZING	13/295129	9769580	2011-11-14	2017-09-19	United States of America
BOSE CORPORATION	POWER SUPPLY VOLTAGE-BASED HEADSET FUNCTION CONTROL	13/324367	8995679	2011-12-13	2015-03-31	United States of America
BOSE CORPORATION	CONVERTIBLE FILTER	13/325173	8355513	2011-12-14	2013-01-15	United States of America
BOSE CORPORATION	VIRTUAL AUDIO SYSTEM TUNING	13/328296	9179237	2011-12-16	2015-11-03	United States of America
BOSE CORPORATION	SIGNAL COMPRESSION BASED ON TRANSDUCER DISPLACEMENT	13/335178	8971544	2011-12-22	2015-03-03	United States of America
BOSE CORPORATION	PORTING	13/335533	8831263	2011-12-22	2014-09-09	United States of America
BOSE CORPORATION	Communications Headset Speech-Based Gain Control	13/336207	9208772	2011-12-23	2015-12-08	United States of America
BOSE CORPORATION	ACOUSTIC PORTS ALIGNED TO CREATE FREE CONVECTIVE AIRFLOW	13/399522	8561756	2012-02-17	2013-10-22	United States of America

BOSE CORPORATION	Convective Airflow Using a Passive Radiator	13/400718	8798308	2012-02-21	2014-08-05	United States of America
BOSE CORPORATION	Headset Noise-Based Pulsed Attenuation	13/409508	9208773	2012-03-01	2015-12-08	United States of America
BOSE CORPORATION	DIRECTIONAL ELECTROACOUSTICAL TRANSDUCING	13/414093	9014404	2012-03-07	2015-04-21	United States of America
BOSE CORPORATION	CONNECTION-RESPONSIVE AUDIO SOURCE MANAGEMENT	13/421992	9025789	2012-03-16	2015-05-05	United States of America
BOSE CORPORATION	AUTOMOBILE COMMUNICATION SYSTEM	13/433382	8892046	2012-03-29	2014-11-18	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR SOUND SYSTEM SIMULATION	13/434906	9716960	2012-03-30	2017-07-25	United States of America
BOSE CORPORATION	VEHICLE LOUDSPEAKER MODULE	13/437054	9253562	2012-04-02	2016-02-02	United States of America
BOSE CORPORATION	ENGINE HARMONIC ENHANCEMENT CONTROL	13/437092	9177544	2012-04-02	2015-11-03	United States of America
BOSE CORPORATION	CONTROLLING TABLE MUSIC SYSTEM	13/444475	9280141	2012-04-11	2016-03-08	United States of America
BOSE CORPORATION	Active Noise Reduction Adaptive Filter Leakage Adjusting	13/446911	8798282	2012-04-13	2014-08-05	United States of America
BOSE CORPORATION	IN-EAR AUDIO DEVICE CUSTOMIZATION	13/448848	9002023	2012-04-17	2015-04-07	United States of America
BOSE CORPORATION	System and Method for Reducing Baffle Vibration	13/470669	8571240	2012-05-14	2013-10-29	United States of America
BOSE CORPORATION	CONTROLLING COMMUNICATION MODE CHANGES IN A COMMUNICATION SYSTEM	13/475064	9288784	2012-05-18	2016-03-15	United States of America

BOSE CORPORATION	MANIPULATING SPATIAL PROCESSING IN AN AUDIO SYSTEM	13/476383	9161151	2012-05-21	2015-10-13	United States of America
BOSE CORPORATION	IN-EAR ACTIVE NOISE REDUCTION EARPHONE	13/480755	9269342	2012-05-25	2016-02-23	United States of America
BOSE CORPORATION	IN-EAR ACTIVE NOISE REDUCTION EARPHONE	13/480766	9082388	2012-05-25	2015-07-14	United States of America
BOSE CORPORATION	Passive Directional Acoustic Radiating	13/483729	8358798	2012-05-30	2013-01-22	United States of America
BOSE CORPORATION	INTERCOM HEADSET CONNECTION AND DISCONNECTION RESPONSES	13/488781	8666083	2012-06-05	2014-03-04	United States of America
BOSE CORPORATION	PRESSURE-RELATED FEEDBACK INSTABILITY MITIGATION	13/492047	9047855	2012-06-08	2015-06-02	United States of America
BOSE CORPORATION	ACOUSTIC FILTER	13/534517	9173018	2012-06-27	2015-10-27	United States of America
BOSE CORPORATION	AUDIO SYSTEM WITH SYNTHESIZED POSITIVE IMPEDANCE	13/550887	9049501	2012-07-17	2015-06-02	United States of America
BOSE CORPORATION	AUDIO SYSTEM SURROUND ACOUSTIC DRIVER POWERING	13/554005	8952824	2012-07-20	2015-02-10	United States of America
BOSE CORPORATION	STRUCTURE HAVING ACOUSTIC TRANSDUCER VOLUME	13/585525	8649548	2012-08-14	2014-02-11	United States of America
BOSE CORPORATION	DIRECTIONALLY RADIATING SOUND IN A VEHICLE	13/590417	9049534	2012-08-21	2015-06-02	United States of America
BOSE CORPORATION	FILTERING FOR DETECTION OF LIMITED-DURATION DISTORTION	13/590675	9129610	2012-08-21	2015-09-08	United States of America

BOSE CORPORATION	VIBRATION-REDUCING PASSIVE RADIATORS	13/600316	9055370	2012-08-31	2015-06-09	United States of America
BOSE CORPORATION	Speaker	13/600967	8995696	2012-08-31	2015-03-31	United States of America
BOSE CORPORATION	Combining and Waterproofing Headphone Port Exits	13/606149	8670586	2012-09-07	2014-03-11	United States of America
BOSE CORPORATION	Portable Loudspeaker	13/612822	9800961	2012-09-12	2017-10-24	United States of America
BOSE CORPORATION	HEADSET POWER SOURCE MANAGING	13/622165	9049513	2012-09-18	2015-06-02	United States of America
BOSE CORPORATION	Audio Signal Level Control System	13/624056	9059670	2012-09-21	2015-06-16	United States of America
BOSE CORPORATION	Narrow Mouth Horn Loudspeaker	13/630305	8953831	2012-09-28	2015-02-10	United States of America
BOSE CORPORATION	WAVEGUIDE ELECTROACOUSTICAL TRANSDUCING	13/630319	8615097	2012-09-28	2013-12-24	United States of America
BOSE CORPORATION	Adjusting Noise Reduction in Headphones	13/661521	8675885	2012-10-26	2014-03-18	United States of America
BOSE CORPORATION	Providing Ambient Naturalness in ANR Headphones	13/667103	8798283	2012-11-02	2014-08-05	United States of America
BOSE CORPORATION	Reducing Occlusion Effect in ANR Headphones	13/667111	9020160	2012-11-02	2015-04-28	United States of America
BOSE CORPORATION	Circuit Cooling	13/688734	9049811	2012-11-29	2015-06-02	United States of America
BOSE CORPORATION	COMMUNICATION OF DIAGNOSTIC INFORMATION FROM SATELLITE TO HOST	13/693345	9118985	2012-12-04	2015-08-25	United States of America
BOSE CORPORATION	INTERACTIVE SOUND REPRODUCING	13/728188	8977375	2012-12-27	2015-03-10	United States of America
BOSE CORPORATION	Flexible Printed Circuit	13/734189	9560748	2013-01-04	2017-01-31	United States of America

BOSE CORPORATION	VEHICLE ENGINE SOUND EXTRACTION AND REPRODUCTION	13/744850	9031248	2013-01-18	2015-05-12	United States of America
BOSE CORPORATION	ELECTROMAGNETIC SHIELD	13/756909	8861209	2013-02-01	2014-10-14	United States of America
BOSE CORPORATION	Providing Speakers in a Vehicle Seat	13/760134	8913777	2013-02-06	2014-12-16	United States of America
BOSE CORPORATION	Motor Vehicle Noise Management	13/767540	9167067	2013-02-14	2015-10-20	United States of America
BOSE CORPORATION	FORWARD SPEAKER NOISE CANCELLATION IN A VEHICLE	13/768249	9245519	2013-02-15	2016-01-26	United States of America
BOSE CORPORATION	Motor Vehicle Active Noise Reduction	13/796644	9118987	2013-03-12	2015-08-25	United States of America
BOSE CORPORATION	GRILLE FOR ELECTROACOUSTIC TRANSDUCER	13/799703	9088842	2013-03-13	2015-07-21	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	13/817257	8989426	2011-08-15	2015-03-24	United States of America
BOSE CORPORATION	Sealing Wiring Holes in Electronic Devices	13/826430	9247335	2013-03-14	2016-01-26	United States of America
BOSE CORPORATION	AUDIO TRANSMISSION CHANNEL QUALITY ASSESSMENT	13/827614	9135928	2013-03-14	2015-09-15	United States of America
BOSE CORPORATION	Driving Plural Armatures with a Common Stator	13/832699	10028062	2013-03-15	2018-07-17	United States of America
BOSE CORPORATION	BOOST-ON-DEMAND AMPLIFIER	13/832837	9154095	2013-03-15	2015-10-06	United States of America
BOSE CORPORATION	Audio Systems and Related Devices and Methods	13/833394	9330169	2013-03-15	2016-05-03	United States of America
BOSE CORPORATION	MEDIA DEVICE AUTO-DETECTION	13/839490	8812751	2013-03-15	2014-08-19	United States of America

BOSE CORPORATION	Active Reduction of Harmonic Noise from Multiple Rotating Devices	13/849856	9191739	2013-03-25	2015-11-17	United States of America
BOSE CORPORATION	Headset Porting	13/851035	9762990	2013-03-26	2017-09-12	United States of America
BOSE CORPORATION	Motor Vehicle Adaptive Feed-Forward Noise Reduction	13/853265	9177542	2013-03-29	2015-11-03	United States of America
BOSE CORPORATION	Connection Diagnostics for Parallel Speakers	13/860941	9119005	2013-04-11	2015-08-25	United States of America
BOSE CORPORATION	IN-EAR ACTIVE NOISE REDUCTION EARPHONE	13/864865	8682001	2013-04-17	2014-03-25	United States of America
BOSE CORPORATION	Signal Processing for a Headrest-Based Audio System	13/888927	9445197	2013-05-07	2016-09-13	United States of America
BOSE CORPORATION	Modular Headrest-Based Audio System	13/888932	9338536	2013-05-07	2016-05-10	United States of America
BOSE CORPORATION	Sound Stage Controller for a Near-Field Speaker-Based Audio System	13/906997	9215545	2013-05-31	2015-12-15	United States of America
BOSE CORPORATION	Automobile Headrest	13/907428	9327628	2013-05-31	2016-05-03	United States of America
BOSE CORPORATION	Earphones	13/911662	8989427	2013-06-06	2015-03-24	United States of America
BOSE CORPORATION	CONTROLLING STABILITY IN ANR DEVICES	13/915220	9881601	2013-06-11	2018-01-30	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DIRECTIONALLY RADIATING SOUND	13/919987	9100749	2013-06-17	2015-08-04	United States of America
BOSE CORPORATION	Acoustic Diaphragm Suspending	13/949290	8991548	2013-07-24	2015-03-31	United States of America
BOSE CORPORATION	METHOD AND DEVICE FOR SELECTING A NETWORKED MEDIA DEVICE	13/952893	9336113	2013-07-29	2016-05-10	United States of America

BOSE CORPORATION	CREST-FACTOR BASED GAIN MODIFICATION	13/961399	9191737	2013-08-07	2015-11-17	United States of America
BOSE CORPORATION	FREQUENCY-DEPENDENT ANR REFERENCE SOUND COMPRESSION	13/962205	9123320	2013-08-08	2015-09-01	United States of America
BOSE CORPORATION	System With Speaker, Transceiver and Related Devices	13/973096	9326069	2013-08-22	2016-04-26	United States of America
BOSE CORPORATION	INSTABILITY DETECTION AND CORRECTION IN SINUSOIDAL ACTIVE NOISE REDUCTION SYSTEM	13/973472	9177541	2013-08-22	2015-11-03	United States of America
BOSE CORPORATION	Rotary User Interface for Headphones	14/013415	9036855	2013-08-29	2015-05-19	United States of America
BOSE CORPORATION	Engine Harmonic Cancellation System Afterglow Mitigation	14/016561	9269344	2013-09-03	2016-02-23	United States of America
BOSE CORPORATION	Versatile Audio Power Amplifier	14/021434	8922278	2013-09-09	2014-12-30	United States of America
BOSE CORPORATION	TRANSMISSION LINE LOUDSPEAKER	14/022600	9049517	2013-09-10	2015-06-02	United States of America
BOSE CORPORATION	Remote Control Devices and Related Devices and Systems	14/023075	10372408	2013-09-10	2019-08-06	United States of America
BOSE CORPORATION	User Interfaces for Controlling Audio Playback Devices and Related Systems and Devices	14/023085	9201577	2013-09-10	2015-12-01	United States of America
BOSE CORPORATION	Synchronous Audio Playback	14/047834	9331799	2013-10-07	2016-05-03	United States of America
BOSE CORPORATION	Audio Distribution	14/047857	9078072	2013-10-07	2015-07-07	United States of America
BOSE CORPORATION	User Interface Control in a Networked Audio System	14/047916	10469624	2013-10-07	2019-11-05	United States of America
BOSE CORPORATION	Audio Systems and Related Devices and Methods	14/049184	9607083	2013-10-08	2017-03-28	United States of America

BOSE CORPORATION	Cooking Temperature and Power Control	14/052833	8921741	2013-10-14	2014-12-30	United States of America
BOSE CORPORATION	MULTI-BAND HARMONIC DISCRIMINATION FOR FEEDBACK SUPPRESSION	14/071806	9351072	2013-11-05	2016-05-24	United States of America
BOSE CORPORATION	REMOTE NODE FOR BI-DIRECTIONAL DIGITAL AUDIO DATA AND CONTROL COMMUNICATIONS	14/076805	9589052	2013-11-11	2017-03-07	United States of America
BOSE CORPORATION	Ambient and Infrared (IR) Light Sensing In Organic Light Emitting Diode (OLED) Display	14/077401	9548340	2013-11-12	2017-01-17	United States of America
BOSE CORPORATION	FEEDBACK MECHANISM FOR BOOST-ON-DEMAND AMPLIFIERS	14/078613	9184705	2013-11-13	2015-11-10	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	14/084143	8929582	2013-11-19	2015-01-06	United States of America
BOSE CORPORATION	Earphones	14/085029	8755550	2013-11-20	2014-06-17	United States of America
BOSE CORPORATION	HEARING ASSISTANCE APPARATUS	14/085470	9591410	2013-11-20	2017-03-07	United States of America
BOSE CORPORATION	SURROUND WITH VARIATIONS OF CONCAVITY	14/085938	9226074	2013-11-21	2015-12-29	United States of America
BOSE CORPORATION	SUSPENSION FOR ACOUSTIC DEVICE	14/086284	9253576	2013-11-21	2016-02-02	United States of America
BOSE CORPORATION	Active Noise Reduction Headphone	14/095507	9445184	2013-12-03	2016-09-13	United States of America
BOSE CORPORATION	Mounting a Microphone on a Vehicle Headliner	14/105653	9174588	2013-12-13	2015-11-03	United States of America
BOSE CORPORATION	Engine Sound Management	14/152538	9333911	2014-01-10	2016-05-10	United States of America

BOSE CORPORATION	TREATMENT FOR LOUDSPEAKER SUSPENSION ELEMENT FABRIC	14/161008	9277303	2014-01-22	2016-03-01	United States of America
BOSE CORPORATION	CONTENT-AWARE AUDIO MODES	14/184989	9578436	2014-02-20	2017-02-21	United States of America
BOSE CORPORATION	DIRECT SELECTION OF AUDIO SOURCE	14/193737	9398373	2014-02-28	2016-07-19	United States of America
BOSE CORPORATION	Managing Telephony and Entertainment Audio in a Vehicle Audio Platform	14/199799	9352701	2014-03-06	2016-05-31	United States of America
BOSE CORPORATION	Levered Loudspeakers	14/200490	9258648	2014-03-07	2016-02-09	United States of America
BOSE CORPORATION	Elastomeric Torsion Bushings for Levered Loudspeakers	14/200614	9357279	2014-03-07	2016-05-31	United States of America
BOSE CORPORATION	Levered Loudspeakers	14/200713	9497549	2014-03-07	2016-11-15	United States of America
BOSE CORPORATION	Inhibiting Rocking of Loads Driven By Plural Levers	14/200876	9601969	2014-03-07	2017-03-21	United States of America
BOSE CORPORATION	Pressure Equalization in Earphones	14/211556	9301040	2014-03-14	2016-03-29	United States of America
BOSE CORPORATION	HEADSET PORTING	14/215629	10034086	2014-03-17	2018-07-24	United States of America
BOSE CORPORATION	NON-AXISYMMETRIC GEOMETRY FOR CLOTH LOUDSPEAKER SUSPENSIONS	14/219925	9148727	2014-03-19	2015-09-29	United States of America
BOSE CORPORATION	DYNAMIC SOUND ADJUSTMENT	14/224745	9615185	2014-03-25	2017-04-04	United States of America
BOSE CORPORATION	Headband	14/225998	9808064	2014-03-26	2017-11-07	United States of America
BOSE CORPORATION	Headphones with Cable Management	14/226074	9609415	2014-03-26	2017-03-28	United States of America

BOSE CORPORATION	Acoustic Device with Passive Radiators	14/226587	9571934	2014-03-26	2017-02-14	United States of America
BOSE CORPORATION	EARPIECES HAVING FLEXIBLE FLAPS	14/227291	9462366	2014-03-27	2016-10-04	United States of America
BOSE CORPORATION	VEHICLE ENGINE SOUND ENHANCEMENT	14/228571	9311910	2014-03-28	2016-04-12	United States of America
BOSE CORPORATION	Audio Demonstration Kit	14/229946	10629085	2014-03-30	2020-04-21	United States of America
BOSE CORPORATION	HEADPHONE ON-HEAD DETECTION USING DIFFERENTIAL SIGNAL MEASUREMENT	14/231524	10051371	2014-03-31	2018-08-14	United States of America
BOSE CORPORATION	AUTOMATIC EQUALIZATION OF LOUDSPEAKER ARRAY	14/246686	9510068	2014-04-07	2016-11-29	United States of America
BOSE CORPORATION	Transducer Suspension Elements With Built-In Tinsel Wire	14/267373	9363593	2014-05-01	2016-06-07	United States of America
BOSE CORPORATION	Earphones	14/268210	9215522	2014-05-02	2015-12-15	United States of America
BOSE CORPORATION	EARPIECE PASSIVE NOISE ATTENUATING	14/272845	9398364	2014-05-08	2016-07-19	United States of America
BOSE CORPORATION	TRANSMISSION LINE LOUDSPEAKER	14/290050	9473848	2014-05-29	2016-10-18	United States of America
BOSE CORPORATION	Power Supply with Tickle Pulse Injection	14/300273	9385610	2014-06-10	2016-07-05	United States of America
BOSE CORPORATION	Dynamic Engine Harmonic Enhancement Sound Stage	14/300940	9495953	2014-06-10	2016-11-15	United States of America
BOSE CORPORATION	SELF-VOICE FEEDBACK IN COMMUNICATIONS HEADSETS	14/303697	9620142	2014-06-13	2017-04-11	United States of America
BOSE CORPORATION	VOICE PROMPT GENERATION COMBINING NATIVE AND REMOTELY-GENERATED SPEECH DATA	14/322561	9558736	2014-07-02	2017-01-31	United States of America

BOSE CORPORATION	Sound Producing System	14/339071	9628917	2014-07-23	2017-04-18	United States of America
BOSE CORPORATION	SYSTEM AND METHOD OF MICROPHONE PLACEMENT FOR NOISE ATTENUATION	14/449325	9424828	2014-08-01	2016-08-23	United States of America
BOSE CORPORATION	PROVIDING AMBIENT NATURALNESS IN ANR HEADPHONES	14/451715	9953626	2014-08-05	2018-04-24	United States of America
BOSE CORPORATION	HEADREST WITH SPEAKERS AND METHOD FOR MANUFACTURING HEADREST CUSHION MEMBER	14/453905	9428090	2014-08-07	2016-08-30	United States of America
BOSE CORPORATION	Motor Vehicle Audio System	14/463956	9344788	2014-08-20	2016-05-17	United States of America
BOSE CORPORATION	Shuttered Loudspeakers	14/478259	9586531	2014-09-05	2017-03-07	United States of America
BOSE CORPORATION	EARPIECE WITH MOVABLE JOINT	14/478732	9955249	2014-09-05	2018-04-24	United States of America
BOSE CORPORATION	RETAINING STRUCTURE FOR AN EARPIECE	14/478902	10009680	2014-09-05	2018-06-26	United States of America
BOSE CORPORATION	Acoustic Device with Curved Passive Radiators	14/484794	9913012	2014-09-12	2018-03-06	United States of America
BOSE CORPORATION	VEHICLE ENGINE SOUND EXTRACTION	14/484811	9959852	2014-09-12	2018-05-01	United States of America
BOSE CORPORATION	Active Reduction of Harmonic Noise from Multiple Noise Sources	14/494852	9344796	2014-09-24	2016-05-17	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR DETERMINING METRIC FOR SOUND SYSTEM EVALUATION	14/499804	9723419	2014-09-29	2017-08-01	United States of America

BOSE CORPORATION	SELF-TUNING TRANSFER FUNCTION FOR ADAPTIVE FILTERING	14/504975	9240819	2014-10-02	2016-01-19	United States of America
BOSE CORPORATION	ADJUSTMENT OF CIRCUIT OPERATIONS IN RESPONSE TO AC LINE DISTORTION	14/521089	9595872	2014-10-22	2017-03-14	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE SUSPENSION	14/522770	9466280	2014-10-24	2016-10-11	United States of America
BOSE CORPORATION	FREQUENCY RESPONSE DISPLAY	14/524102	9607629	2014-10-27	2017-03-28	United States of America
BOSE CORPORATION	Loudspeaker Cabinet Stand	14/526599	9693125	2014-10-29	2017-06-27	United States of America
BOSE CORPORATION	SELF-VOICE OCCLUSION MITIGATION IN HEADSETS	14/527967	9654855	2014-10-30	2017-05-16	United States of America
BOSE CORPORATION	Transferring Acoustic Performance Between Two Devices	14/532599	9641943	2014-11-04	2017-05-02	United States of America
BOSE CORPORATION	AUTOMATED CUSTOMIZATION OF LOUDSPEAKERS	14/536780	10034071	2014-11-10	2018-07-24	United States of America
BOSE CORPORATION	AUTOMATED CUSTOMIZATION OF LOUDSPEAKERS	14/536789	9118988	2014-11-10	2015-08-25	United States of America
BOSE CORPORATION	EXTERNAL ATTACHMENTS FOR SPEAKERS IN SEATS	14/543704	9403454	2014-11-17	2016-08-02	United States of America
BOSE CORPORATION	Pressure Equalization Systems and Methods	14/548490	9621979	2014-11-20	2017-04-11	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	14/553350	10034078	2014-11-25	2018-07-24	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	14/553386	9042590	2014-11-25	2015-05-26	United States of America
BOSE CORPORATION	Cooking Temperature and Power Control	14/556486	9131537	2014-12-01	2015-09-08	United States of America

BOSE CORPORATION	Lightweight Acoustic Enclosures	14/562240	9440566	2014-12-05	2016-09-13	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	14/564972	9036852	2014-12-09	2015-05-19	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	14/565030	9036853	2014-12-09	2015-05-19	United States of America
BOSE CORPORATION	MICROSPEAKER ACOUSTICAL RESISTANCE ASSEMBLY	14/580528	9628903	2014-12-23	2017-04-18	United States of America
BOSE CORPORATION	GATE DRIVE CIRCUIT	14/590306	9419607	2015-01-06	2016-08-16	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE HAVING ACTIVE DRIVERS MOUNTED TO A PASSIVE RADIATOR DIAPHRAGM	14/605059	9525932	2015-01-26	2016-12-20	United States of America
BOSE CORPORATION	Routing Conductors to Electro-Acoustic Transducer Voice Coils	14/610328	9628884	2015-01-30	2017-04-18	United States of America
BOSE CORPORATION	INTERACTIVE SOUND REPRODUCING	14/610461	9223538	2015-01-30	2015-12-29	United States of America
BOSE CORPORATION	CONVERSATION ASSISTANCE SYSTEM	14/618889	9560451	2015-02-10	2017-01-31	United States of America
BOSE CORPORATION	Instability Detection and Correction In Sinusoidal Active Noise Reduction Systems	14/640826	9591403	2015-03-06	2017-03-07	United States of America
BOSE CORPORATION	ACOUSTIC DEFLECTOR FOR OMNI-DIRECTIONAL SPEAKER SYSTEM	14/643216	9544681	2015-03-10	2017-01-10	United States of America
BOSE CORPORATION	Voice Sensing using Multiple Microphones	14/657604	9905216	2015-03-13	2018-02-27	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE FOR STREAMING AUDIO DATA	14/665367	9788114	2015-03-23	2017-10-10	United States of America
BOSE CORPORATION	AUGMENTING EXISTING ACOUSTIC PROFILES	14/665396	9736614	2015-03-23	2017-08-15	United States of America

BOSE CORPORATION	Motor Assembly Kit	14/666667	10058790	2015-03-24	2018-08-28	United States of America
BOSE CORPORATION	VEHICLE ENGINE HARMONIC SOUND CONTROL	14/667164	9812113	2015-03-24	2017-11-07	United States of America
BOSE CORPORATION	Displaceable Speaker Array and Related Assemblies	14/672379	9743164	2015-03-30	2017-08-22	United States of America
BOSE CORPORATION	Light Guide System for Physiological Sensor	14/672459	10485437	2015-03-30	2019-11-26	United States of America
BOSE CORPORATION	Orientation-Responsive Acoustic Array Control	14/672528	9264794	2015-03-30	2016-02-16	United States of America
BOSE CORPORATION	ADAPTIVE MIXING OF SUB-BAND SIGNALS	14/672683	9838782	2015-03-30	2017-12-05	United States of America
BOSE CORPORATION	Directional Acoustic Device	14/674072	9451355	2015-03-31	2016-09-20	United States of America
BOSE CORPORATION	METHOD OF MANUFACTURING A LOUDSPEAKER	14/674178	10057701	2015-03-31	2018-08-21	United States of America
BOSE CORPORATION	VOICE BAND DETECTION AND IMPLEMENTATION	14/674493	10062394	2015-03-31	2018-08-28	United States of America
BOSE CORPORATION	ACOUSTIC DIAPHRAGM	14/674826	9769570	2015-03-31	2017-09-19	United States of America
BOSE CORPORATION	Establishing Communication between Digital Media Servers and Audio Playback Devices in Audio Systems	14/674898	10419497	2015-03-31	2019-09-17	United States of America
BOSE CORPORATION	ACOUSTIC DIAPHRAGM	14/675,120	9743190	2015-03-31	2017-08-22	United States of America
BOSE CORPORATION	Passive Directional Acoustic Radiating	14/675034	RE46811	2015-03-31	2018-04-24	United States of America
BOSE CORPORATION	WIRELESS COMMUNICATION BETWEEN ENDPOINT DEVICES	14/681346	10045105	2015-04-08	2018-08-07	United States of America

BOSE CORPORATION	Providing Isolation from Distractions	14/684829	9407738	2015-04-13	2016-08-02	United States of America
BOSE CORPORATION	Vehicle Sound Systems and Related Assemblies and Devices	14/692962	9578404	2015-04-22	2017-02-21	United States of America
BOSE CORPORATION	Headset Noise-Based Pulsed Attenuation	14/706666	9854356	2015-05-07	2017-12-26	United States of America
BOSE CORPORATION	MAGNETIC STRUCTURES FOR FILTERING AMPLIFIER OUTPUTS	14/706683	9882543	2015-05-07	2018-01-30	United States of America
BOSE CORPORATION	ACOUSTIC ENCLOSURE FOR MOTOR VEHICLE	14/708653	9845059	2015-05-11	2017-12-19	United States of America
BOSE CORPORATION	Electro-Acoustic Transducer with Radiating Acoustic Seal and Stacked Magnetic Circuit Assembly	14/716126	10499158	2015-05-19	2019-12-03	United States of America
BOSE CORPORATION	Electro-Acoustic Transducer with Radiating Acoustic Seal And Stacked Magnetic Circuit Assembly	14/718470	9641938	2015-05-21	2017-05-02	United States of America
BOSE CORPORATION	Audio Data Buffering	14/723549	9928024	2015-05-28	2018-03-27	United States of America
BOSE CORPORATION	IN-EAR ACTIVE NOISE REDUCTION EARPHONE	14/733315	10206033	2015-06-08	2019-02-12	United States of America
BOSE CORPORATION	PORTABLE AUDIO SYSTEM HAVING WAVEGUIDE STRUCTURE	14/747784	9532121	2015-06-23	2016-12-27	United States of America
BOSE CORPORATION	Arraying Speakers for a Uniform Driver Field	14/749801	9640169	2015-06-25	2017-05-02	United States of America
BOSE CORPORATION	TRANSITIONING BETWEEN ARRAYED AND IN-PHASE SPEAKER CONFIGURATIONS FOR ACTIVE NOISE REDUCTION	14/749823	9508336	2015-06-25	2016-11-29	United States of America

BOSE CORPORATION	MOVING MAGNET MOTORS	14/766317	9763013	2014-03-07	2017-09-12	United States of America
BOSE CORPORATION	SIMULATING ACOUSTIC OUTPUT AT A LOCATION CORRESPONDING TO SOURCE POSITION DATA	14/791758	9854376	2015-07-06	2017-12-26	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE	14/799265	9571917	2015-07-14	2017-02-14	United States of America
BOSE CORPORATION	Dynamically Configurable ANR Filter Block Topology	14/807040	9589557	2015-07-23	2017-03-07	United States of America
BOSE CORPORATION	SUSPENSION FOR ACOUSTIC DEVICE	14/809689	9654879	2015-07-27	2017-05-16	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION ENGINE SPEED DETERMINING	14/812560	9729966	2015-07-29	2017-08-08	United States of America
BOSE CORPORATION	Integration of Sensors into Earphones	14/812672	10057675	2015-07-29	2018-08-21	United States of America
BOSE CORPORATION	NOISE REDUCTION WITH IN-EAR HEADPHONE	14/818639	9635452	2015-08-05	2017-04-25	United States of America
BOSE CORPORATION	Audio Systems for Providing Isolated Listening Zones	14/828991	9847081	2015-08-18	2017-12-19	United States of America
BOSE CORPORATION	PREDICTING ACOUSTIC FEATURES FOR GEOGRAPHIC LOCATIONS	14/841166	10255285	2015-08-31	2019-04-09	United States of America
BOSE CORPORATION	Convertible Headphone System	14/846,871	9584901	2015-09-07	2017-02-28	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	14/851169	10291980	2015-09-11	2019-05-14	United States of America
BOSE CORPORATION	ESTIMATING SECONDARY PATH PHASE IN ACTIVE NOISE CONTROL	14/855961	9923550	2015-09-16	2018-03-20	United States of America

BOSE CORPORATION	ESTIMATING SECONDARY PATH MAGNITUDE IN ACTIVE NOISE CONTROL	14/856062	9773491	2015-09-16	2017-09-26	United States of America
BOSE CORPORATION	Acoustic Device	14/857287	9654867	2015-09-17	2017-05-16	United States of America
BOSE CORPORATION	Motor Vehicle Noise Management	14/859324	9589558	2015-09-20	2017-03-07	United States of America
BOSE CORPORATION	ACOUSTIC FILTER	14/865374	9549242	2015-09-25	2017-01-17	United States of America
BOSE CORPORATION	Encoded Audio Synchronization	14/874124	10454604	2015-10-02	2019-10-22	United States of America
BOSE CORPORATION	Engine Harmonic Enhancement Control	14/874749	9908466	2015-10-05	2018-03-06	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DISTORTION LIMITING	14/918145	9917565	2015-10-20	2018-03-13	United States of America
BOSE CORPORATION	CONTROLLING AUDIO PLAYBACK BASED ON ACTIVITY	14/919360	9830126	2015-10-21	2017-11-28	United States of America
BOSE CORPORATION	Bushings Constrained by Compression in Levered Apparatus	14/921541	10154347	2015-10-23	2018-12-11	United States of America
BOSE CORPORATION	SENSOR-ENABLED FEEDBACK ON SOCIAL INTERACTIONS	14/924894	10338939	2015-10-28	2019-07-02	United States of America
BOSE CORPORATION	Earphones	14/938297	9794681	2015-11-11	2017-10-17	United States of America
BOSE CORPORATION	Sound Stage Controller for a Near-Field Speaker-Based Audio System	14/938478	9615188	2015-11-11	2017-04-04	United States of America
BOSE CORPORATION	Double Talk Detector for Acoustic Echo Cancellation	14/940495	10123141	2015-11-13	2018-11-06	United States of America

BOSE CORPORATION	Simulating Acoustic Output at a Location Corresponding to Source Position Data	14/946951	9913065	2015-11-20	2018-03-06	United States of America
BOSE CORPORATION	Controlling Ambient Sound Volume	14/950448	9949017	2015-11-24	2018-04-17	United States of America
BOSE CORPORATION	WATER-RESISTANT COMPOSITION	14/950648	10626550	2015-11-24	2020-04-21	United States of America
BOSE CORPORATION	MEDIA ACCESS CONTROL (MAC) ADDRESS IDENTIFICATION	14/951015	10123333	2015-11-24	2018-11-06	United States of America
BOSE CORPORATION	INTERACTIVE SOUND REPRODUCING	14/955413	10140084	2015-12-01	2018-11-27	United States of America
BOSE CORPORATION	Voice Coil Bobbin for an Electroacoustic Transducer	14/959517	10097926	2015-12-04	2018-10-09	United States of America
BOSE CORPORATION	SELF-TUNING TRANSFER FUNCTION FOR ADAPTIVE FILTERING	14/963589	9485035	2015-12-09	2016-11-01	United States of America
BOSE CORPORATION	ACOUSTIC NOISE REDUCTION AUDIO SYSTEM HAVING TAP CONTROL	14/973892	9743170	2015-12-18	2017-08-22	United States of America
BOSE CORPORATION	CONFORMABLE ADAPTORS FOR DIFFRACTION SLOTS IN SPEAKERS	14/978874	9712911	2015-12-22	2017-07-18	United States of America
BOSE CORPORATION	MITIGATING EFFECTS OF CAVITY RESONANCE IN SPEAKERS	14/978939	9716942	2015-12-22	2017-07-25	United States of America
BOSE CORPORATION	Reducing Ported Transducer Array Enclosure Noise	14/981380	9906855	2015-12-28	2018-02-27	United States of America
BOSE CORPORATION	Orientation-Responsive Acoustic Array Control	14/989497	9736612	2016-01-06	2017-08-15	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS OF ACTIVE NOISE REDUCTION IN HEADPHONES	14/993329	9747887	2016-01-12	2017-08-29	United States of America

BOSE CORPORATION	Headphone	14/993443	9794676	2016-01-12	2017-10-17	United States of America
BOSE CORPORATION	SIDETONE GENERATION USING MULTIPLE MICROPHONES	15/003339	9749731	2016-01-21	2017-08-29	United States of America
BOSE CORPORATION	PRESSURE EQUALIZATION IN EARPHONES	15/008803	10051357	2016-01-28	2018-08-14	United States of America
BOSE CORPORATION	EAR CUSHION FOR HEADPHONE	15/019325	10080077	2016-02-09	2018-09-18	United States of America
BOSE CORPORATION	ELECTRICAL CIRCUIT BOARD WITH EMBEDDED ACOUSTIC CHANNEL	15/040465	9674597	2016-02-10	2017-06-06	United States of America
BOSE CORPORATION	FLEXIBLE WAVEGUIDE BAND	15/041957	9953629	2016-02-11	2018-04-24	United States of America
BOSE CORPORATION	VEHICLE ENGINE SOUND MANAGEMENT	15/058553	10020788	2016-03-02	2018-07-10	United States of America
BOSE CORPORATION	HEADPHONE JOINT	15/063419	9900682	2016-03-07	2018-02-20	United States of America
BOSE CORPORATION	SPEAKER GRILL ASSEMBLY FOR VEHICLE SEATS	15/071631	9682641	2016-03-16	2017-06-20	United States of America
BOSE CORPORATION	CONNECTORS FOR SPEAKERS DISPOSED IN HEADRESTS	15/071784	9802519	2016-03-16	2017-10-31	United States of America
BOSE CORPORATION	CONTROLLING ACOUSTIC OUTPUT THROUGH HEADREST WINGS	15/072855	9769581	2016-03-17	2017-09-19	United States of America
BOSE CORPORATION	ACOUSTIC OUTPUT THROUGH HEADREST WINGS	15/072925	10239432	2016-03-17	2019-03-26	United States of America
BOSE CORPORATION	AUDIO SYSTEMS AND APPARATUS FOR VIBRATION ISOLATION	15/081413	9820035	2016-03-25	2017-11-14	United States of America

BOSE CORPORATION	AUTOMATIC AUDIO SYSTEM EQUALIZING	15/082543	9609433	2016-03-28	2017-03-28	United States of America
BOSE CORPORATION	Audio Systems and Related Devices and Methods	15/082597	10241744	2016-03-28	2019-03-26	United States of America
BOSE CORPORATION	Providing Ambient Naturalness in ANR Headphones	15/084044	10074354	2016-03-29	2018-09-11	United States of America
BOSE CORPORATION	Motor Vehicle Audio System	15/084980	9602948	2016-03-30	2017-03-21	United States of America
BOSE CORPORATION	ADAPTIVE MODELLING OF SECONDARY PATH IN AN ACTIVE NOISE CONTROL SYSTEM	15/085204	9704471	2016-03-30	2017-07-11	United States of America
BOSE CORPORATION	HEADSET ENABLING EXTRAORDINARY HEARING	15/086854	10051372	2016-03-31	2018-08-14	United States of America
BOSE CORPORATION	Clock Synchronization for Audio Playback Devices	15/087021	9798515	2016-03-31	2017-10-24	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE CONFIGURATION AND METHOD	15/087820	9924273	2016-03-31	2018-03-20	United States of America
BOSE CORPORATION	ACOUSTIC FEEDBACK SYSTEM	15/087975	9802536	2016-03-31	2017-10-31	United States of America
BOSE CORPORATION	VEHICLE HEADRESTS	15/089768	9706291	2016-04-04	2017-07-11	United States of America
BOSE CORPORATION	Engine Sound Management	15/092202	10112534	2016-04-06	2018-10-30	United States of America
BOSE CORPORATION	Modular Headrest-Based Audio System	15/095215	10306388	2016-04-11	2019-05-28	United States of America
BOSE CORPORATION	Active Reduction of Harmonic Noise from Multiple Noise Sources	15/098863	9679552	2016-04-14	2017-06-13	United States of America
BOSE CORPORATION	EARPIECE PASSIVE NOISE ATTENUATING	15/137632	10334344	2016-04-25	2019-06-25	United States of America

BOSE CORPORATION	Managing Telephony and Entertainment Audio in a Vehicle Audio Platform	15/147131	9883286	2016-05-05	2018-01-30	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE	15/150700	9736574	2016-05-10	2017-08-15	United States of America
BOSE CORPORATION	REDUCING RADIO FREQUENCY SUSCEPTABILITY IN HEADSETS	15/162898	9799319	2016-05-24	2017-10-24	United States of America
BOSE CORPORATION	DIRECT SELECTION OF AUDIO SOURCE	15/178765	9747071	2016-06-10	2017-08-29	United States of America
BOSE CORPORATION	MINIATURE VOICE COIL HAVING HELICAL LEAD-OUT FOR ELECTRO-ACOUSTIC TRANSDUCER	15/181989	9794666	2016-06-14	2017-10-17	United States of America
BOSE CORPORATION	ASSEMBLY AID FOR MINIATURE TRANSDUCER	15/182014	9986355	2016-06-14	2018-05-29	United States of America
BOSE CORPORATION	FEEDBACK MICROPHONE ADAPTOR FOR NOISE CANCELING HEADPHONE	15/182039	10015581	2016-06-14	2018-07-03	United States of America
BOSE CORPORATION	ELECTRO-ACOUSTIC DRIVER HAVING COMPLIANT DIAPHRAGM WITH STIFFENING ELEMENT	15/182055	9942662	2016-06-14	2018-04-10	United States of America
BOSE CORPORATION	MINIATURE DEVICE HAVING AN ACOUSTIC DIAPHRAGM	15/182069	9913042	2016-06-14	2018-03-06	United States of America
BOSE CORPORATION	MITIGATION OF UNSTABLE CONDITIONS IN AN ACTIVE NOISE CONTROL SYSTEM	15/186842	9922636	2016-06-20	2018-03-20	United States of America
BOSE CORPORATION	On/Off Head Detection Using Magnetic Field Sensing	15/189649	9924255	2016-06-22	2018-03-20	United States of America
BOSE CORPORATION	EXTERNAL ATTACHMENTS FOR SPEAKERS IN SEATS	15/197079	9930433	2016-06-29	2018-03-27	United States of America

BOSE CORPORATION	Waveguide	15/202809	9749735	2016-07-06	2017-08-29	United States of America
BOSE CORPORATION	Adaptive Fail-Safe Power-On Control Circuit	15/211389	9966847	2016-07-15	2018-05-08	United States of America
BOSE CORPORATION	DYNAMICALLY CHANGING MASTER AUDIO PLAYBACK DEVICE	15/212924	10219091	2016-07-18	2019-02-26	United States of America
BOSE CORPORATION	Audio Device	15/220479	10477291	2016-07-27	2019-11-12	United States of America
BOSE CORPORATION	Acoustic Device	15/220535	9877103	2016-07-27	2018-01-23	United States of America
BOSE CORPORATION	OMNI-DIRECTIONAL SPEAKER SYSTEM AND RELATED DEVICES AND METHODS	15/221906	10397696	2016-07-28	2019-08-27	United States of America
BOSE CORPORATION	ACOUSTIC DEFLECTOR FOR OMNI-DIRECTIONAL SPEAKER SYSTEM	15/222296	9883282	2016-07-28	2018-01-30	United States of America
BOSE CORPORATION	FABRICATING AN INTEGRATED LOUDSPEAKER PISTON AND SUSPENSION	15/222539	10609489	2016-07-28	2020-03-31	United States of America
BOSE CORPORATION	Acoustically Open Headphone With Active Noise Reduction	15/223634	9881600	2016-07-29	2018-01-30	United States of America
BOSE CORPORATION	Entertainment Audio Processing	15/225088	10057681	2016-08-01	2018-08-21	United States of America
BOSE CORPORATION	REDUCING CODEC NOISE IN ACOUSTIC DEVICES	15/225406	9934788	2016-08-01	2018-04-03	United States of America
BOSE CORPORATION	TEMPERATURE-MONITORING EARBUD DEVICE	15/229964	10881349	2016-08-05	2021-01-05	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION HEADPHONE	15/232352	9565492	2016-08-09	2017-02-07	United States of America

BOSE CORPORATION	Lightweight Acoustic Enclosures	15/234404	9796305	2016-08-11	2017-10-24	United States of America
BOSE CORPORATION	Adaptive Transducer Calibration for Fixed Feedforward Noise Attenuation Systems	15/235470	9928823	2016-08-12	2018-03-27	United States of America
BOSE CORPORATION	Providing Ambient Naturalness in ANR Headphones	15/235626	11477557	2016-08-12	2022-10-18	United States of America
BOSE CORPORATION	COMMUNICATIONS USING AVIATION HEADSETS	15/238259	10652381	2016-08-16	2020-05-12	United States of America
BOSE CORPORATION	MULTI-PURPOSE AVIATION HEADSETS	15/238310	10051358	2016-08-16	2018-08-14	United States of America
BOSE CORPORATION	EARPHONE HAVING DAMPED EAR CANAL RESONANCE	15/238378	10182287	2016-08-16	2019-01-15	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER ASSEMBLY DISPOSED IN VEHICLE SEAT	15/245919	10293728	2016-08-24	2019-05-21	United States of America
BOSE CORPORATION	ACCESSING MULTIPLE VIRTUAL PERSONAL ASSISTANTS (VPA) FROM A SINGLE DEVICE	15/253034	10685656	2016-08-31	2020-06-16	United States of America
BOSE CORPORATION	MODULAR ACOUSTIC HORNS AND HORN ARRAYS	15/255358	9894432	2016-09-02	2018-02-13	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR CONTROLLING A MODULAR SPEAKER SYSTEM	15/256246	10310803	2016-09-02	2019-06-04	United States of America
BOSE CORPORATION	Directional Acoustic Device and Method of Manufacturing a Directional Acoustic Device	15/262355	10582298	2016-09-12	2020-03-03	United States of America
BOSE CORPORATION	ADVERTISING MEDIA PROCESSING CAPABILITIES	15/262502	10547660	2016-09-12	2020-01-28	United States of America

BOSE CORPORATION	CONFIGURABLE MEDIA PROCESSING BASED ON MAPPING OF REMOTE CONTROLLER BUTTONS	15/262519	9693109	2016-09-12	2017-06-27	United States of America
BOSE CORPORATION	Sleep Quality Scoring and Improvement	15/267464	10517527	2016-09-16	2019-12-31	United States of America
BOSE CORPORATION	Intelligent Wake-Up System	15/267552	11594111	2016-09-16	2023-02-28	United States of America
BOSE CORPORATION	SLEEP ASSESSMENT USING A HOME SLEEP SYSTEM	15/267886	10561362	2016-09-16	2020-02-18	United States of America
BOSE CORPORATION	IN-EAR ACTIVE NOISE REDUCTION EARPHONE	15/270392	9792893	2016-09-20	2017-10-17	United States of America
BOSE CORPORATION	Method for Changing Type of Streamed Content for an Audio System	15/277444	9904508	2016-09-27	2018-02-27	United States of America
BOSE CORPORATION	NOISE ESTIMATION FOR DYNAMIC SOUND ADJUSTMENT	15/282652	9906859	2016-09-30	2018-02-27	United States of America
BOSE CORPORATION	Electrostatic Discharge Protection of Microphones	15/283641	10021470	2016-10-03	2018-07-10	United States of America
BOSE CORPORATION	SELF-TUNING TRANSFER FUNCTION FOR ADAPTIVE FILTERING	15/284738	9633647	2016-10-04	2017-04-25	United States of America
BOSE CORPORATION	Dynamic Engine Harmonic Enhancement Sound Stage	15/290370	9838786	2016-10-11	2017-12-05	United States of America
BOSE CORPORATION	EARPIECE EMPLOYING COOLING AND SENSATION INDUCING MATERIALS	15/292308	10531174	2016-10-13	2020-01-07	United States of America
BOSE CORPORATION	ACOUSTAICAL DEVICES EMPLOYING PHASE CHANGE MATERIALS	15/292345	10602250	2016-10-13	2020-03-24	United States of America

BOSE CORPORATION	ACCESSING MULTIPLE VIRTUAL PERSONAL ASSISTANTS (VPA) FROM A SINGLE DEVICE	15/292857	10186270	2016-10-13	2019-01-22	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	15/293379	10045113	2016-10-14	2018-08-07	United States of America
BOSE CORPORATION	TRANSITIONING BETWEEN ARRAYED AND IN-PHASE SPEAKER CONFIGURATIONS FOR ACTIVE NOISE REDUCTION	15/297229	9685151	2016-10-19	2017-06-20	United States of America
BOSE CORPORATION	Method of Making an Item and Item	15/299419	10220553	2016-10-20	2019-03-05	United States of America
BOSE CORPORATION	DEVICE FOR INSTALLATION AND REMOVAL OF A CEILING SPEAKER SYSTEM	15/332223	9913013	2016-10-24	2018-03-06	United States of America
BOSE CORPORATION	FACIAL RECOGNITION SYSTEM	15/335774	10303929	2016-10-27	2019-05-28	United States of America
BOSE CORPORATION	PASSIVE RADIATORS AND RELATED DEVICES	15/335933	10097916	2016-10-27	2018-10-09	United States of America
BOSE CORPORATION	ON/OFF HEAD DETECTION OF PERSONAL ACOUSTIC DEVICE USING AN EARPIECE MICROPHONE	15/342599	9838812	2016-11-03	2017-12-05	United States of America
BOSE CORPORATION	Dual-Use Bilateral Microphone Array	15/347419	9930447	2016-11-09	2018-03-27	United States of America
BOSE CORPORATION	Controlling Wind Noise in a Bilateral Microphone Array	15/347445	9843861	2016-11-09	2017-12-12	United States of America
BOSE CORPORATION	AUDIO SYSTEM HAVING INTEGRAL HANDLE	15/352202	9788091	2016-11-15	2017-10-10	United States of America
BOSE CORPORATION	System With Speaker, Transceiver and Related Devices	15/352231	9807527	2016-11-15	2017-10-31	United States of America

BOSE CORPORATION	SYSTEM AND METHOD FOR DIRECTIONALLY RADIATING SOUND	15/352778	10063971	2016-11-16	2018-08-28	United States of America
BOSE CORPORATION	AUDIO SYSTEMS AND METHOD FOR ACOUSTIC ISOLATION	15/360074	9860643	2016-11-23	2018-01-02	United States of America
BOSE CORPORATION	ACOUSTIC DEFLECTOR FOR OMNI-DIRECTIONAL SPEAKER SYSTEM	15/366755	9883283	2016-12-01	2018-01-30	United States of America
BOSE CORPORATION	EARPIECES EMPLOYING VISCOELASTIC MATERIALS	15/370516	10623846	2016-12-06	2020-04-14	United States of America
BOSE CORPORATION	Processing Speech from Distributed Microphones	15/373541	10149049	2016-12-09	2018-12-04	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER	15/375119	10397681	2016-12-11	2019-08-27	United States of America
BOSE CORPORATION	Moving Magnet Motor and Transducer with Moving Magnet Motor	15/379874	10084410	2016-12-15	2018-09-25	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE	15/393890	10225647	2016-12-29	2019-03-05	United States of America
BOSE CORPORATION	Microphone Array Beamforming	15/400332	10056091	2017-01-06	2018-08-21	United States of America
BOSE CORPORATION	ACOUSTIC PRESSURE REDUCER AND ENGINEERED LEAK	15/405788	10212526	2017-01-13	2019-02-19	United States of America
BOSE CORPORATION	MAGNETIC PIVOT SENSOR FOR HEADSET MICROPHONE	15/411738	10264341	2017-01-20	2019-04-16	United States of America
BOSE CORPORATION	Motor Vehicle Sound Enhancement	15/420136	9941855	2017-01-31	2018-04-10	United States of America
BOSE CORPORATION	Headphone	15/422341	10085085	2017-02-01	2018-09-25	United States of America

BOSE CORPORATION	Sound Stage Controller for a Near-Field Speaker-Based Audio System	15/427575	9967692	2017-02-08	2018-05-08	United States of America
BOSE CORPORATION	NOISE REDUCTION WITH IN-EAR HEADPHONE	15/430076	9813794	2017-02-10	2017-11-07	United States of America
BOSE CORPORATION	AUDIO SYSTEMS AND METHOD FOR PERTURBING SIGNAL COMPENSATION	15/431029	10049686	2017-02-13	2018-08-14	United States of America
BOSE CORPORATION	HEADPHONES WITH CABLE MANAGEMENT	15/433203	9723392	2017-02-15	2017-08-01	United States of America
BOSE CORPORATION	DYNAMIC SOUND ADJUSTMENT	15/433459	10142749	2017-02-15	2018-11-27	United States of America
BOSE CORPORATION	Headphone	15/435682	10129632	2017-02-17	2018-11-13	United States of America
BOSE CORPORATION	Orientation-Responsive Acoustic Array Control	15/454699	10264384	2017-03-09	2019-04-16	United States of America
BOSE CORPORATION	NOISE REDUCTION WITH IN-EAR HEADPHONE	15/457508	9716936	2017-03-13	2017-07-25	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS OF DETECTING SPEECH ACTIVITY OF HEADPHONE USER	15/463259	10366708	2017-03-20	2019-07-30	United States of America
BOSE CORPORATION	AUDIO SIGNAL PROCESSING FOR NOISE REDUCTION	15/463368	10311889	2017-03-20	2019-06-04	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE WITH PASSIVE RADIATORS	15/463535	10110990	2017-03-20	2018-10-23	United States of America
BOSE CORPORATION	EARBUD FRAME FOR ACOUSTIC DRIVER AND COMPLIMENTARY EAR TIP	15/463797	10595111	2017-03-20	2020-03-17	United States of America
BOSE CORPORATION	Arraying Speakers for a Uniform Driver Field	15/465968	10199030	2017-03-22	2019-02-05	United States of America

BOSE CORPORATION	Transferring Acoustic Performance Between Two Devices	15/472569	10015603	2017-03-29	2018-07-03	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ASSEMBLING AN ELECTRO-ACOUSTIC TRANSDUCER INCLUDING A MINIATURE VOICE COIL	15/472741	10425756	2017-03-29	2019-09-24	United States of America
BOSE CORPORATION	DYNAMIC COMPENSATION IN ACTIVE NOISE REDUCTION DEVICES	15/473889	10553195	2017-03-30	2020-02-04	United States of America
BOSE CORPORATION	PARALLEL COMPENSATION IN ACTIVE NOISE REDUCTION DEVICES	15/473926	10580398	2017-03-30	2020-03-03	United States of America
BOSE CORPORATION	AUTOMATIC GAIN CONTROL IN AN ACTIVE NOISE REDUCTION (ANR) SIGNAL FLOW PATH	15/473939	10614790	2017-03-30	2020-04-07	United States of America
BOSE CORPORATION	DIRECTIONAL CAPTURE OF AUDIO BASED ON VOICE-ACTIVITY DETECTION	15/475191	10510362	2017-03-31	2019-12-17	United States of America
BOSE CORPORATION	Acoustic Deflector as Heat Sink	15/475542	10306356	2017-03-31	2019-05-28	United States of America
BOSE CORPORATION	OFF-HEAD DETECTION OF IN-EAR HEADSET	15/478681	9894452	2017-04-04	2018-02-13	United States of America
BOSE CORPORATION	IN-EAR AUDIO DEVICE CUSTOMIZATION	15/480910	RE48315	2017-04-06	2020-11-17	United States of America
BOSE CORPORATION	ADAPTABLE EAR TIP FOR HEADPHONES	15/481187	10511901	2017-04-06	2019-12-17	United States of America
BOSE CORPORATION	STABILIZED HEADBAND	15/487612	10187718	2017-04-14	2019-01-22	United States of America

BOSE CORPORATION	PRESSURE ADAPTIVE ACTIVE NOISE CANCELLING HEADPHONE SYSTEM AND METHOD	15/492462	10170095	2017-04-20	2019-01-01	United States of America
BOSE CORPORATION	CUSTOM-MOLDING IN-EAR HEADPHONE EAR TIPS	15/492726	10158933	2017-04-20	2018-12-18	United States of America
BOSE CORPORATION	ACOUSTIC ARRAY SYSTEMS	15/581452	10349199	2017-04-28	2019-07-09	United States of America
BOSE CORPORATION	SPEAKER ARRAY SYSTEMS	15/581668	10469973	2017-04-28	2019-11-05	United States of America
BOSE CORPORATION	INTERACTIVE SOUND REPRODUCING	15/590625	10481855	2017-05-09	2019-11-19	United States of America
BOSE CORPORATION	Processing Simultaneous Speech from Distributed Microphones	15/593700		2017-05-12		United States of America
BOSE CORPORATION	Acoustic Device	15/594923	9985596	2017-05-15	2018-05-29	United States of America
BOSE CORPORATION	Headphones with External Pressure Equalization Path	15/597567	10142720	2017-05-17	2018-11-27	United States of America
BOSE CORPORATION	METHOD OF FABRICATING A MINIATURE DEVICE HAVING AN ACOUSTIC DIAPHRAGM	15/598065	10499159	2017-05-17	2019-12-03	United States of America
BOSE CORPORATION	DYNAMIC TEXT-TO-SPEECH RESPONSE FROM A SMART SPEAKER	15/607101	10521512	2017-05-26	2019-12-31	United States of America
BOSE CORPORATION	VOICE ACTIVITY DETECTION FOR COMMUNICATION HEADSET	15/609297	10249323	2017-05-31	2019-04-02	United States of America
BOSE CORPORATION	DYNAMIC SPECTRAL FILTERING	15/612168	10157627	2017-06-02	2018-12-18	United States of America
BOSE CORPORATION	Spectral Optimization of Audio Masking Waveforms	15/616229	10497354	2017-06-07	2019-12-03	United States of America

BOSE CORPORATION	ADAPTIVE MODELING OF SECONDARY PATH IN AN ACTIVE NOISE CONTROL SYSTEM	15/616332	10056065	2017-06-07	2018-08-21	United States of America
BOSE CORPORATION	SPECTRAL OPTIMIZATION OF AUDIO MASKING WAVEFORMS	15/616411	10360892	2017-06-07	2019-07-23	United States of America
BOSE CORPORATION	SPEAKER GRILL ASSEMBLY FOR VEHICLE SEATS	15/616414	10029590	2017-06-07	2018-07-24	United States of America
BOSE CORPORATION	ACTIVE UNIPOLAR DRY ELECTRODE OPEN EAR WIRELESS HEADSET AND BRAIN COMPUTER INTERFACE	15/618388	10213157	2017-06-09	2019-02-26	United States of America
BOSE CORPORATION	AUDIO DEVICE WITH WAKEUP WORD DETECTION	15/627905	10789949	2017-06-20	2020-09-29	United States of America
BOSE CORPORATION	PORTABLE SPEAKER CONFIGURATIONS	15/634081	10306386	2017-06-27	2019-05-28	United States of America
BOSE CORPORATION	ELECTRO-ACOUSTICAL TRANSDUCER ARRANGEMENTS OF A SOUND SYSTEM	15/634508	10524042	2017-06-27	2019-12-31	United States of America
BOSE CORPORATION	COOLING TECHNIQUES TO IMPROVE THERMAL PERFORMANCE OF ELECTROACOUSTIC	15/634740	10104761	2017-06-27	2018-10-16	United States of America
BOSE CORPORATION	BATTERY CHARGING SYSTEMS AND METHODS	15/639960	10263449	2017-06-30	2019-04-16	United States of America
BOSE CORPORATION	CUSTOMIZED EAR TIPS	15/640055	10986432	2017-06-30	2021-04-20	United States of America
BOSE CORPORATION	LAST MILE EQUALIZATION	15/642428	10038419	2017-07-06	2018-07-31	United States of America

BOSE CORPORATION	Determining Location/Orientation of Audio Device	15/642946	10444336	2017-07-06	2019-10-15	United States of America
BOSE CORPORATION	LOCATING CONNECTED DEVICES	15/643052	10039074	2017-07-06	2018-07-31	United States of America
BOSE CORPORATION	Portable Loudspeaker	15/645408	10075787	2017-07-10	2018-09-11	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE	15/646381	10244311	2017-07-11	2019-03-26	United States of America
BOSE CORPORATION	AUDIO DEVICE	15/647749	10462558	2017-07-12	2019-10-29	United States of America
BOSE CORPORATION	Mobile Computing Device Wireless Data Transmission	15/649816	10083600	2017-07-14	2018-09-25	United States of America
BOSE CORPORATION	Sleep Assistance Device for Multiple Users	15/655836	10478590	2017-07-20	2019-11-19	United States of America
BOSE CORPORATION	Earphones for Measuring and Entraining Respiration	15/655853	10632278	2017-07-20	2020-04-28	United States of America
BOSE CORPORATION	Acoustical Method for Detecting Speaker Movement	15/657743	10341794	2017-07-24	2019-07-02	United States of America
BOSE CORPORATION	METHOD OF FABRICATING A MINIATURE DEVICE HAVING AN ACOUSTIC DIAPHRAGM	15/661155	10448183	2017-07-27	2019-10-15	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER WITH VIBRATION DAMPING	15/663343	10194245	2017-07-28	2019-01-29	United States of America
BOSE CORPORATION	INVERTED BUTTON CAP IN ACOUSTIC TRANSDUCER	15/667856	10200802	2017-08-03	2019-02-05	United States of America
BOSE CORPORATION	EFFICIENT REUTILIZATION OF ACOUSTIC ECHO CANCELER CHANNELS	15/667988	10200540	2017-08-03	2019-02-05	United States of America
BOSE CORPORATION	Multi-Channel Residual Echo Suppression	15/668073	10542153	2017-08-03	2020-01-21	United States of America

BOSE CORPORATION	MITIGATING IMPACT OF DOUBLE TALK FOR RESIDUAL ECHO SUPPRESSORS	15/668237	10594869	2017-08-03	2020-03-17	United States of America
BOSE CORPORATION	ACOUSTIC NOISE REDUCTION AUDIO SYSTEM HAVING TAP CONTROL	15/668386	9930440	2017-08-03	2018-03-27	United States of America
BOSE CORPORATION	EARBUD INSERTION SENSING METHOD WITH INFRARED TECHNOLOGY	15/670115	10257602	2017-08-07	2019-04-09	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS OF ACTIVE NOISE REDUCTION IN HEADPHONES	15/670700	10614791	2017-08-07	2020-04-07	United States of America
BOSE CORPORATION	EARBUD INSERTION SENSING METHOD WITH CAPACITIVE TECHNOLOGY	15/671376	10334347	2017-08-08	2019-06-25	United States of America
BOSE CORPORATION	Headset (clone of HP-17-100-GB)	15/673035		2017-09-08		United States of America
BOSE CORPORATION	METHOD AND SYSTEM FOR REMOTE COMMUNICATION	15/674073	10574708	2017-08-10	2020-02-25	United States of America
BOSE CORPORATION	IN-EAR ELECTRICAL POTENTIAL SENSOR	15/680695	10575777	2017-08-18	2020-03-03	United States of America
BOSE CORPORATION	PRODUCT PACKAGING WITH INTEGRATED SUPPORT	15/681036	10232975	2017-08-18	2019-03-19	United States of America
BOSE CORPORATION	AUDIO SIGNAL TRANSMISSION	15/683214	10547938	2017-08-22	2020-01-28	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DETERMINING FLUID VELOCITY	15/686522	10184815	2017-08-25	2019-01-22	United States of America
BOSE CORPORATION	USER-CONTROLLED BEAM STEERING IN MICROPHONE ARRAY	15/687961	10547937	2017-08-28	2020-01-28	United States of America

BOSE CORPORATION	LOUDSPEAKER WITH DEFLECTOR AT A PORT EXIT	15/690739	10405084	2017-08-30	2019-09-03	United States of America
BOSE CORPORATION	WIND NOISE MITIGATION IN ACTIVE NOISE CANCELLING HEADPHONE SYSTEM AND METHOD	15/692394	10582293	2017-08-31	2020-03-03	United States of America
BOSE CORPORATION	WEARABLE PERSONAL ACOUSTIC DEVICE HAVING OUTLOUD AND PRIVATE OPERATIONAL MODES	15/692419	10412480	2017-08-31	2019-09-10	United States of America
BOSE CORPORATION	REDUCING RADIO FREQUENCY SUSCEPTABILITY IN HEADSETS	15/694148	10395635	2017-09-01	2019-08-27	United States of America
BOSE CORPORATION	Headset Porting	15/700306	10009681	2017-09-11	2018-06-26	United States of America
BOSE CORPORATION	STABILIZED HEADBAND WITH ROTATING SIDE PAD	15/701174	10616686	2017-09-11	2020-04-07	United States of America
BOSE CORPORATION	LOUDSPEAKER SYSTEM	15/701660	10250968	2017-09-12	2019-04-02	United States of America
BOSE CORPORATION	Earphones	15/704244	10327062	2017-09-14	2019-06-18	United States of America
BOSE CORPORATION	METHOD OF FORMING SPEAKER HOUSING	15/707136	10820130	2017-09-18	2020-10-27	United States of America
BOSE CORPORATION	System With Speaker, Transceiver and Related Devices	15/713091	10080089	2017-09-22	2018-09-18	United States of America
BOSE CORPORATION	Voice Sensing using Multiple Microphones	15/713173	10192537	2017-09-22	2019-01-29	United States of America
BOSE CORPORATION	ESTIMATING SECONDARY PATH MAGNITUDE IN ACTIVE NOISE CONTROL	15/714227	10283105	2017-09-25	2019-05-07	United States of America
BOSE CORPORATION	COMPOSITE EARCUSHION	15/716796	10187716	2017-09-27	2019-01-22	United States of America

BOSE CORPORATION	MULTI-ZONE AUDIO SYSTEM WITH INTEGRATED CROSS-ZONE AND ZONE-SPECIFIC TUNING	15/720622	10531195	2017-09-29	2020-01-07	United States of America
BOSE CORPORATION	On/Off Head Detection using Capacitive Sensing	15/721234	10045111	2017-09-29	2018-08-07	United States of America
BOSE CORPORATION	Headphone Pivot Joint	15/721834	10334352	2017-09-30	2019-06-25	United States of America
BOSE CORPORATION	ACOUSTIC DEFLECTOR WITH CONVECTIVE COOLING	15/723919	10425739	2017-10-03	2019-09-24	United States of America
BOSE CORPORATION	Adjustable earcup in continuous headband-spring headphone system	15/726760	10368157	2017-10-06	2019-07-30	United States of America
BOSE CORPORATION	PRINTED CIRCUIT BOARD (PCB) MOUNT FOR HEADPHONE EARCUP	15/726764	10582292	2017-10-06	2020-03-03	United States of America
BOSE CORPORATION	Voice Sensing using Multiple Microphones	15/728732	10224016	2017-10-10	2019-03-05	United States of America
BOSE CORPORATION	AUDIO SYSTEM HAVING INTEGRAL HANDLE	15/728761	10097911	2017-10-10	2018-10-09	United States of America
BOSE CORPORATION	Hidden Rear Cavity Vent	15/782910	10484772	2017-10-13	2019-11-19	United States of America
BOSE CORPORATION	METHOD AND SYSTEM FOR CHARGING A BATTERY	15/783058	10804716	2017-10-13	2020-10-13	United States of America
BOSE CORPORATION	Battery Protection System and Method	15/783093	10411485	2017-10-13	2019-09-10	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ASSEMBLING AN ELECTRO-ACOUSTIC TRANSDUCER INCLUDING A MINIATURE VOICE COIL	15/783499	10375495	2017-10-13	2019-08-06	United States of America

BOSE CORPORATION	Automated Awareness for ANR Systems	15/783529	10129633	2017-10-13	2018-11-13	United States of America
BOSE CORPORATION	Hearing Assistance using Active Noise Reduction	15/789085	10623870	2017-10-20	2020-04-14	United States of America
BOSE CORPORATION	Acoustic Transducer System	15/789128	10491975	2017-10-20	2019-11-26	United States of America
BOSE CORPORATION	Wireless Audio Synchronization	15/790465	10433057	2017-10-23	2019-10-01	United States of America
BOSE CORPORATION	BACKREST SPEAKERS WITH ACOUSTIC CHANNELS	15/795569	10730422	2017-10-27	2020-08-04	United States of America
BOSE CORPORATION	ON/OFF HEAD DETECTION OF PERSONAL ACOUSTIC DEVICE USING AN EARPIECE MICROPHONE	15/798564	10080092	2017-10-31	2018-09-18	United States of America
BOSE CORPORATION	ASYMMETRIC MICROPHONE ARRAY FOR SPEAKER SYSTEM	15/799021	10349169	2017-10-31	2019-07-09	United States of America
BOSE CORPORATION	ADAPTIVE NULLFORMING FOR SELECTIVE AUDIO PICK-UP	15/800909	10354635	2017-11-01	2019-07-16	United States of America
BOSE CORPORATION	MICROPHONE CAVITY	15/804662	10405086	2017-11-06	2019-09-03	United States of America
BOSE CORPORATION	INTELLIGENT CONVERSATION CONTROL IN WEARABLE AUDIO SYSTEMS	15/804771	9949021	2017-11-06	2018-04-17	United States of America
BOSE CORPORATION	Audio Systems for Providing Isolated Listening Zones	15/812371	10056068	2017-11-14	2018-08-21	United States of America
BOSE CORPORATION	DYNAMICALLY CHANGING MASTER AUDIO PLAYBACK DEVICE	15/812478	10212530	2017-11-14	2019-02-19	United States of America
BOSE CORPORATION	Controlling Wind Noise in a Bilateral Microphone Array	15/827104	10158941	2017-11-30	2018-12-18	United States of America

BOSE CORPORATION	Method for Changing Type of Streamed Content for an Audio System	15/827578	10496359	2017-11-30	2019-12-03	United States of America
BOSE CORPORATION	Wireless Low Latency Audio Content Sharing	15/829382	10524300	2017-12-01	2019-12-31	United States of America
BOSE CORPORATION	Managing Telephony and Entertainment Audio in a Vehicle Audio Platform	15/829407	10257613	2017-12-01	2019-04-09	United States of America
BOSE CORPORATION	SIMULATING ACOUSTIC OUTPUT AT A LOCATION CORRESPONDING TO SOURCE POSITION DATA	15/831536	10123145	2017-12-05	2018-11-06	United States of America
BOSE CORPORATION	CONTEXT-SENSITIVE REMOTE CONTROL DEVICE	15/832311	10741060	2017-12-05	2020-08-11	United States of America
BOSE CORPORATION	Acoustic Device	15/834392	10390129	2017-12-07	2019-08-20	United States of America
BOSE CORPORATION	BINAURAL MEASUREMENT SYSTEM	15/837214	10455327	2017-12-11	2019-10-22	United States of America
BOSE CORPORATION	Headrest	15/847133	10596941	2017-12-19	2020-03-24	United States of America
BOSE CORPORATION	CLOUD ASSISTED ACCESSORY PAIRING	15/848521	10708769	2017-12-20	2020-07-07	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER WITH PIVOTED SURROUND	15/849789	10412498	2017-12-21	2019-09-10	United States of America
BOSE CORPORATION	HEADREST SPEAKERS WITH ASYMMETRIC RADIATION PATTERNS	15/850670	10926678	2017-12-21	2021-02-23	United States of America
BOSE CORPORATION	DYNAMIC SOUND ADJUSTMENT BASED ON NOISE FLOOR ESTIMATE	15/850847	10360895	2017-12-21	2019-07-23	United States of America
BOSE CORPORATION	Motor Vehicle Sound Enhancement	15/861107	10277187	2018-01-03	2019-04-30	United States of America

BOSE CORPORATION	DIRECTIONAL MICROPHONE INTEGRATED INTO DEVICE CASE	15/862216	10448135	2018-01-04	2019-10-15	United States of America
BOSE CORPORATION	OFF-HEAD DETECTION OF IN-EAR HEADSET	15/869269	10091597	2018-01-12	2018-10-02	United States of America
BOSE CORPORATION	OFF-HEAD DETECTION OF IN-EAR HEADSET	15/869281	10091598	2018-01-12	2018-10-02	United States of America
BOSE CORPORATION	HEADPHONE JOINT	15/874108	10271125	2018-01-18	2019-04-23	United States of America
BOSE CORPORATION	Engine Harmonic Enhancement Control	15/874583	10046602	2018-01-18	2018-08-14	United States of America
BOSE CORPORATION	Noise Estimation for Dynamic Sound Adjustment Systems	15/875126	10158944	2018-01-19	2018-12-18	United States of America
BOSE CORPORATION	MINIATURE DEVICE HAVING AN ACOUSTIC DIAPHRAGM	15/875866	10321238	2018-01-19	2019-06-11	United States of America
BOSE CORPORATION	NON-OCCLUDING FEEDBACK-RESISTANT HEARING DEVICE	15/878193	10805739	2018-01-23	2020-10-13	United States of America
BOSE CORPORATION	FLEXIBLE ACOUSTIC WAVEGUIDE DEVICE	15/878926	10872595	2018-01-24	2020-12-22	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DISTORTION LIMITING	15/879989	10742187	2018-01-25	2020-08-11	United States of America
BOSE CORPORATION	Wireless Audio Synchronization	15/880869	10014001	2018-01-26	2018-07-03	United States of America
BOSE CORPORATION	Eyeglass Headphones	15/884924	10555071	2018-01-31	2020-02-04	United States of America
BOSE CORPORATION	AUDIO NETWORK INTERFACING	15/887616	10228896	2018-02-02	2019-03-12	United States of America
BOSE CORPORATION	METHOD OF CONTROLLING AN ACOUSTIC NOISE REDUCTION AUDIO SYSTEM BY USER TAPS	15/889752	10091573	2018-02-06	2018-10-02	United States of America

BOSE CORPORATION	Audio Data Buffering	15/893039	10255035	2018-02-09	2019-04-09	United States of America
BOSE CORPORATION	ACOUSTIC DEVICE CONFIGURATION AND METHOD	15/896329	10433064	2018-02-14	2019-10-01	United States of America
BOSE CORPORATION	CURVABLE LINE ARRAY	15/899002	10063948	2018-02-19	2018-08-28	United States of America
BOSE CORPORATION	VOICE CAPTURE PROCESSING MODIFIED BY BACK END AUDIO PROCESSING STATE	15/901148	10720173	2018-02-21	2020-07-21	United States of America
BOSE CORPORATION	ELECTRO-ACOUSTIC DRIVER HAVING COMPLIANT DIAPHRAGM WITH STIFFENING ELEMENT	15/904564	10638232	2018-02-26	2020-04-28	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	15/905240	10785555	2018-02-26	2020-09-22	United States of America
BOSE CORPORATION	DIRECTIONAL AUDIO SELECTION	15/908183	10194259	2018-02-28	2019-01-29	United States of America
BOSE CORPORATION	Portable Loudspeaker	15/910591	10785551	2018-03-02	2020-09-22	United States of America
BOSE CORPORATION	Dual-Use Bilateral Microphone Array	15/910881	10250977	2018-03-02	2019-04-02	United States of America
BOSE CORPORATION	Headphone	15/913143	10212507	2018-03-06	2019-02-19	United States of America
BOSE CORPORATION	Controlling Ambient Sound Volume	15/918057	10484781	2018-03-12	2019-11-19	United States of America
BOSE CORPORATION	INTELLIGENT CONVERSATION CONTROL IN WEARABLE AUDIO SYSTEMS	15/918592	10250973	2018-03-12	2019-04-02	United States of America

BOSE CORPORATION	ECHO CONTROL IN BINAURAL ADAPTIVE NOISE CANCELLATION SYSTEMS IN HEADSETS	15/925102	10438605	2018-03-19	2019-10-08	United States of America
BOSE CORPORATION	Audio Signal Processing for Noise Reduction	15/925211	10499139	2018-03-19	2019-12-03	United States of America
BOSE CORPORATION	Audio Signal Processing for Noise Reduction	15/925241	10424315	2018-03-19	2019-09-24	United States of America
BOSE CORPORATION	DUAL-TRANSCIEVER WIRELESS CALLING	15/928250	10356232	2018-03-22	2019-07-16	United States of America
BOSE CORPORATION	Headphone	15/931028	10986434	2020-05-13	2021-04-20	United States of America
BOSE CORPORATION	ACTIVITY-BASED SMART TRANSPARENCY	15/931659	11200876	2020-05-14	2021-12-14	United States of America
BOSE CORPORATION	AUTOMATICALLY CONNECTING TO A SECURED NETWORK	15/935843	11019489	2018-03-26	2021-05-25	United States of America
BOSE CORPORATION	REDUCING CODEC NOISE IN ACOUSTIC DEVICES	15/941331	10290309	2018-03-30	2019-05-14	United States of America
BOSE CORPORATION	DYNAMICALLY ADJUSTABLE SIDETONE GENERATION	15/943116	10616676	2018-04-02	2020-04-07	United States of America
BOSE CORPORATION	Passive Directional Acoustic Radiating	15/943274	RE48233	2018-04-02	2020-09-29	United States of America
BOSE CORPORATION	BINAURAL HEARING ASSISTANCE OPERATION	15/945232	10284972	2018-04-04	2019-05-07	United States of America
BOSE CORPORATION	INTELLIGENT BEAM STEERING IN MICROPHONE ARRAY	15/952920	10524048	2018-04-13	2019-12-31	United States of America
BOSE CORPORATION	ASSEMBLY AID FOR MINIATURE TRANSDUCER	15/957110	10567897	2018-04-19	2020-02-18	United States of America

BOSE CORPORATION	WIRELESS PERSONAL ACOUSTIC DEVICE WITH REMOTE COAXIAL ANTENNA	15/963650	10375463	2018-04-26	2019-08-06	United States of America
BOSE CORPORATION	WEARABLE DEVICES WITH INCREASED ADHESION	15/967994	10506326	2018-05-01	2019-12-10	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER AS A NEAR-FIELD MAGNETIC INDUCTION COIL	15/977498	10455312	2018-05-11	2019-10-22	United States of America
BOSE CORPORATION	SECURE SYSTEMS AND METHODS FOR ESTABLISHING WIRELESS AUDIO SHARING CONNECTION	15/981549	10299300	2018-05-16	2019-05-21	United States of America
BOSE CORPORATION	SECURE METHODS AND SYSTEMS FOR IDENTIFYING BLUETOOTH CONNECTED DEVICES WITH INSTALLED APPLICATION	15/982723	10944555	2018-05-17	2021-03-09	United States of America
BOSE CORPORATION	SECURE SYSTEMS AND METHODS FOR RESOLVING AUDIO DEVICE IDENTITY USING REMOTE APPLICATION	15/982745	10637651	2018-05-17	2020-04-28	United States of America
BOSE CORPORATION	REAL TIME DETECTION OF FEEDFORWARD INSTABILITY	15/983313	10885896	2018-05-18	2021-01-05	United States of America
BOSE CORPORATION	Real-time detection of feedback instability	15/988221	10244306	2018-05-24	2019-03-26	United States of America
BOSE CORPORATION	AUDIO EYEGLASSES WITH GESTURE CONTROL	15/992982	10820086	2018-05-30	2020-10-27	United States of America
BOSE CORPORATION	Audio System Equalizing	15/995479	10454442	2018-06-01	2019-10-22	United States of America

BOSE CORPORATION	LOUDSPEAKERS WITH 3D PRINTED LATTICE GRILLES	16/003663	11110839	2018-06-08	2021-09-07	United States of America
BOSE CORPORATION	VEHICLE ENGINE SOUND MANAGEMENT	16/004720	10305439	2018-06-11	2019-05-28	United States of America
BOSE CORPORATION	PHANTOM CENTER IMAGE CONTROL	16/010705	10313819	2018-06-18	2019-06-04	United States of America
BOSE CORPORATION	SYNCHRONIZING TIMED EVENTS WITH MEDIA	16/014246	10877652	2018-06-21	2020-12-29	United States of America
BOSE CORPORATION	AUDIO SYSTEMS AND METHOD FOR PERTURBING SIGNAL COMPENSATION	16/016976	10388300	2018-06-25	2019-08-20	United States of America
BOSE CORPORATION	SPEAKER GRILL ASSEMBLY FOR VEHICLE SEATS	16/025029	10343571	2018-07-02	2019-07-09	United States of America
BOSE CORPORATION	WIRELESS AUDIO SYNCHRONIZATION	16/025136	10242693	2018-07-02	2019-03-26	United States of America
BOSE CORPORATION	LAST MILE EQUALIZATION	16/028567	10200004	2018-07-06	2019-02-05	United States of America
BOSE CORPORATION	Engine Harmonic Enhancement Control	16/034084	10377306	2018-07-12	2019-08-13	United States of America
BOSE CORPORATION	Multiple Room Communication System and Method	16/037276	10681480	2018-07-17	2020-06-09	United States of America
BOSE CORPORATION	Entertainment Audio Processing	16/042620	10187722	2018-07-23	2019-01-22	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH CAPACITIVE TOUCH INTERFACE	16/046542	10812888	2018-07-26	2020-10-20	United States of America
BOSE CORPORATION	CONVERSATIONAL AUDIO ASSISTANT	16/048631	10657965	2018-07-30	2020-05-19	United States of America
BOSE CORPORATION	ADAPTIVE HEADPHONE SYSTEM	16/048640	10595114	2018-07-30	2020-03-17	United States of America
BOSE CORPORATION	Plunger Interface	16/050015		2018-07-31		United States of America

BOSE CORPORATION	AUDIO EYEGLASSES WITH CABLE-THROUGH HINGE AND RELATED FLEXIBLE PRINTED CIRCUIT	16/050682	10353221	2018-07-31	2019-07-16	United States of America
BOSE CORPORATION	VEHICLE AUDIO SYSTEM WITH REVERBERANT CONTENT PRESENTATION	16/056879	10536795	2018-08-07	2020-01-14	United States of America
BOSE CORPORATION	HEADBAND ASSEMBLY	16/058363	10764671	2018-08-08	2020-09-01	United States of America
BOSE CORPORATION	HEADPHONE EAR CUP MOUNT IN CONTINUOUS HEADBAND-SPRING HEADPHONE SYSTEM	16/059678	10743106	2018-08-09	2020-08-11	United States of America
BOSE CORPORATION	DEVICE FOR INSTALLATION AND REMOVAL OF A CEILING SPEAKER SYSTEM	16/078357	10735840	2017-10-16	2020-08-04	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR CHARGING WIRELESS AUDIO DEVICES	16/100842	10637290	2018-08-10	2020-04-28	United States of America
BOSE CORPORATION	TWO LAYER MICROPHONE PROTECTION	16/102163	10897669	2018-08-13	2021-01-19	United States of America
BOSE CORPORATION	PLAYBACK ENHANCEMENT IN AUDIO SYSTEMS	16/103039	11335357	2018-08-14	2022-05-17	United States of America
BOSE CORPORATION	CAPTURING WIDE-BAND AUDIO USING MICROPHONE ARRAYS AND PASSIVE DIRECTIONAL ACOUSTIC ELEMENTS	16/107464	10299038	2018-08-21	2019-05-21	United States of America
BOSE CORPORATION	CURVABLE LINE ARRAY	16/113308	10327051	2018-08-27	2019-06-18	United States of America
BOSE CORPORATION	Parallel Active Noise Reduction (ANR) and Hear-Through Signal Flow Paths in Acoustic Devices	16/115880	10354640	2018-08-29	2019-07-16	United States of America

BOSE CORPORATION	EXTERNALLY DUCTED VEHICLE LOUDSPEAKER	16/117080	10567867	2018-08-30	2020-02-18	United States of America
BOSE CORPORATION	EARPIECE TIP AND RELATED EARPIECE	16/118727	10667030	2018-08-31	2020-05-26	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR NOISE-CANCELLATION WITH SHAPING AND WEIGHTING FILTERS	16/119468	10741165	2018-08-31	2020-08-11	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR DISABLING ADAPTATION IN AN ADAPTIVE FEEDFORWARD CONTROL SYSTEM	16/119702	10706834	2018-08-31	2020-07-07	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR REDUCING ACOUSTIC ARTIFACTS IN AN ADAPTIVE FEEDFORWARD CONTROL SYSTEM	16/119745	10410620	2018-08-31	2019-09-10	United States of America
BOSE CORPORATION	EXTERNALIZED AUDIO MODULATED BY RESPIRATION RATE	16/119788	10327073	2018-08-31	2019-06-18	United States of America
BOSE CORPORATION	WEARABLE DEVICES USING SHAPE MEMORY POLYMERS	16/119881	10623861	2018-08-31	2020-04-14	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR NOISE-CANCELLATION USING MICROPHONE PROJECTION	16/120171	10629183	2018-08-31	2020-04-21	United States of America
BOSE CORPORATION	System with Speaker, Transceiver and Related Devices and Methods	16/120652	10499171	2018-09-04	2019-12-03	United States of America
BOSE CORPORATION	PASSIVE RADIATORS AND RELATED DEVICES	16/132782	10362388	2018-09-17	2019-07-23	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER	16/135223	10484774	2018-09-19	2019-11-19	United States of America

BOSE CORPORATION	Systems and Methods for Controlling Operation of a Backlight for a Display Panel	16/140446	10692444	2018-09-24	2020-06-23	United States of America
BOSE CORPORATION	HEADSET AND SYSTEM FOR AUTOMATICALLY GENERATING TURBULENCE REPORTS	16/147846	11061167	2018-09-30	2021-07-13	United States of America
BOSE CORPORATION	SPATIAL DOUBLE-TALK DETECTOR	16/149658	10863269	2018-10-02	2020-12-08	United States of America
BOSE CORPORATION	SIMULATING ACOUSTIC OUTPUT AT A LOCATION CORRESPONDING TO SOURCE POSITION DATA	16/149802	10412521	2018-10-02	2019-09-10	United States of America
BOSE CORPORATION	Audio Device	16/150738	10516929	2018-10-03	2019-12-24	United States of America
BOSE CORPORATION	Acoustic Device	16/151541	10609465	2018-10-04	2020-03-31	United States of America
BOSE CORPORATION	Vehicle Headrest	16/151717	10730423	2018-10-04	2020-08-04	United States of America
BOSE CORPORATION	DYNAMIC FOCUS FOR AUDIO AUGMENTED REALITY (AR)	16/153519	10506362	2018-10-05	2019-12-10	United States of America
BOSE CORPORATION	Dynamically Changing Master Audio Playback Device	16/155090	10375497	2018-10-09	2019-08-06	United States of America
BOSE CORPORATION	Automated Playback and Redistribution of Internet Streaming Content	16/155497		2018-10-09		United States of America
BOSE CORPORATION	WIRELESS AUDIO SYNCHRONIZATION	16/159921	10805664	2018-10-15	2020-10-13	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER WITH VIBRATION DAMPING	16/161138	10462572	2018-10-16	2019-10-29	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER WITH VIBRATION DAMPING	16/161151	10462573	2018-10-16	2019-10-29	United States of America

BOSE CORPORATION	ACTIVE NOISE REDUCTION EARPHONE	16/161779	10820088	2018-10-16	2020-10-27	United States of America
BOSE CORPORATION	Engine Sound Management	16/164017	10752169	2018-10-18	2020-08-25	United States of America
BOSE CORPORATION	CONVERSATION ASSISTANCE AUDIO DEVICE PERSONALIZATION	16/165055	10795638	2018-10-19	2020-10-06	United States of America
BOSE CORPORATION	CONVERSATION ASSISTANCE AUDIO DEVICE CONTROL	16/165071	11089402	2018-10-19	2021-08-10	United States of America
BOSE CORPORATION	LOW LATENCY AUDIO DISTRIBUTION	16/170347	10971166	2018-10-25	2021-04-06	United States of America
BOSE CORPORATION	Noise Estimation Using Coherence	16/171951	10601387	2018-10-26	2020-03-24	United States of America
BOSE CORPORATION	ADAPTIVE FEEDBACK NOISE CANCELLATION OF A SINUSOIDAL DISTURBANCE	16/172154	10721561	2018-10-26	2020-07-21	United States of America
BOSE CORPORATION	MEDIA ACCESS CONTROL (MAC) ADDRESS IDENTIFICATION	16/174970	10764898	2018-10-30	2020-09-01	United States of America
BOSE CORPORATION	WEARABLE DEVICES WITH INTEGRATED CIRCUITRY	16/176859	12127832	2018-10-31	2024-10-29	United States of America
BOSE CORPORATION	NOISE-CANCELLATION SYSTEMS AND METHODS	16/176871	10741163	2018-10-31	2020-08-11	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR RECURSIVE NORM CALCULATION	16/176892	10685640	2018-10-31	2020-06-16	United States of America
BOSE CORPORATION	AMBIENT VOLUME CONTROL IN OPEN AUDIO DEVICE	16/179592	11295718	2018-11-02	2022-04-05	United States of America
BOSE CORPORATION	Headphone	16/186932	10667032	2018-11-12	2020-05-26	United States of America

BOSE CORPORATION	OPEN EAR AUDIO DEVICE WITH BONE CONDUCTION SPEAKER	16/188246	10631075	2018-11-12	2020-04-21	United States of America
BOSE CORPORATION	DYNAMIC CAPABILITY DEMONSTRATION IN WEARABLE AUDIO DEVICE	16/204339	10817251	2018-11-29	2020-10-27	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE CAPABILITY DEMONSTRATION	16/204375	10922044	2018-11-29	2021-02-16	United States of America
BOSE CORPORATION	Coaxial Waveguide	16/205388	10694281	2018-11-30	2020-06-23	United States of America
BOSE CORPORATION	Entertainment Audio Processing	16/210072	10820101	2018-12-05	2020-10-27	United States of America
BOSE CORPORATION	EARPHONE HAVING ACOUSTIC IMPEDANCE BRANCH FOR DAMPED EAR CANAL RESONANCE AND ACOUSTIC SIGNAL COUPLING	16/210784	10475435	2018-12-05	2019-11-12	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH HEAD ON/OFF STATE DETECTION	16/212040	10462551	2018-12-06	2019-10-29	United States of America
BOSE CORPORATION	DEVICE FOR INSTALLATION AND REMOVAL OF A CEILING SPEAKER SYSTEM	16/215151	10848844	2018-12-10	2020-11-24	United States of America
BOSE CORPORATION	LOUDSPEAKERS AND RELATED COMPONENTS AND METHODS	16/217193	10841675	2018-12-12	2020-11-17	United States of America
BOSE CORPORATION	AUDIO DEVICE WITH SEALING MEMBER AND INTERNAL HEAT SINK	16/220024	10880628	2018-12-14	2020-12-29	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR NOISE-CANCELLATION	16/220780	10403263	2018-12-14	2019-09-03	United States of America

BOSE CORPORATION	DIRECTIONAL AUDIO SELECTION	16/224947	10575118	2018-12-19	2020-02-25	United States of America
BOSE CORPORATION	KEYPAD LIGHT RING FOR AUDIO DEVICE	16/225939	10652642	2018-12-19	2020-05-12	United States of America
BOSE CORPORATION	AUTOMATIC USER INTERFACE SWITCHING	16/229955	10638214	2018-12-21	2020-04-28	United States of America
BOSE CORPORATION	EAR TIP WITH INCREASED MATERIAL LOADING	16/230819	10701471	2018-12-21	2020-06-30	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR UNCONSTRAINED BATTERY SPRING TAB ASSEMBLIES FOR IN-EAR HEADPHONE	16/239934	10805707	2019-01-04	2020-10-13	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ANTENNA AND GROUND PLANE MOUNTING SCHEMES FOR IN-EAR HEADPHONE	16/239940	11115745	2019-01-04	2021-09-07	United States of America
BOSE CORPORATION	COMPENSATION FOR MICROPHONE ROLL-OFF VARIATION IN ACOUSTIC DEVICES	16/240135	11062687	2019-01-04	2021-07-13	United States of America
BOSE CORPORATION	AUDIO STREAMING CHARGING CASE	16/240268	10687135	2019-01-04	2020-06-16	United States of America
BOSE CORPORATION	EAR TIP SEALING STRUCTURE	16/241045	10820084	2019-01-07	2020-10-27	United States of America
BOSE CORPORATION	Earphone	16/241144	10993009	2019-01-07	2021-04-27	United States of America
BOSE CORPORATION	Earbud charging case	16/241318	10701472	2019-01-07	2020-06-30	United States of America
BOSE CORPORATION	EFFICIENT REUTILIZATION OF ACOUSTIC ECHO CANCELER CHANNELS	16/242616	10601998	2019-01-08	2020-03-24	United States of America

BOSE CORPORATION	MULTIMEDIA COMMUNICATION ENCODING SYSTEM	16/243165	11190568	2019-01-09	2021-11-30	United States of America
BOSE CORPORATION	ASYMMETRIC MICROPHONE ARRAY FOR SPEAKER SYSTEM	16/244636	11134339	2019-01-10	2021-09-28	United States of America
BOSE CORPORATION	CLASS D AMPLIFIER STEREO TO MONO CONVERTER	16/246085	11159132	2019-01-11	2021-10-26	United States of America
BOSE CORPORATION	CLASS D AMPLIFIER CURRENT FEEDBACK	16/246118	10749486	2019-01-11	2020-08-18	United States of America
BOSE CORPORATION	WAVEGUIDE ENABLED EXTERNALLY DUCTED VEHICLE LOUDSPEAKER	16/249208	10882461	2019-01-16	2021-01-05	United States of America
BOSE CORPORATION	COMPOSITE EAR CUSHION	16/250273	10659861	2019-01-17	2020-05-19	United States of America
BOSE CORPORATION	EARPIECE PASSIVE NOISE ATTENUATING	16/265685	11218792	2019-02-01	2022-01-04	United States of America
BOSE CORPORATION	LOCATION-BASED PERSONAL AUDIO	16/267643	10869154	2019-02-05	2020-12-15	United States of America
BOSE CORPORATION	LATENCY NEGOTIATION IN A HETEROGENEOUS NETWORK OF SYNCHRONIZED SPEAKERS	16/269035	10880594	2019-02-06	2020-12-29	United States of America
BOSE CORPORATION	Dual-Use Bilateral Microphone Array	16/272013	10524050	2019-02-11	2019-12-31	United States of America
BOSE CORPORATION	COMPATIBILITY CHECK IN A NETWORK OF SYNCHRONIZED SPEAKERS	16/272413	10631090	2019-02-11	2020-04-21	United States of America
BOSE CORPORATION	BINAURAL RECORDING-BASED DEMONSTRATION OF WEARABLE AUDIO DEVICE FUNCTIONS	16/274648	10923098	2019-02-13	2021-02-16	United States of America

BOSE CORPORATION	Audio Device	16/275604	10924842	2019-02-14	2021-02-16	United States of America
BOSE CORPORATION	SMART-SAFE MASKING AND ALERTING SYSTEM	16/278380	11282492	2019-02-18	2022-03-22	United States of America
BOSE CORPORATION	Earphone	16/284727	10827248	2019-02-25	2020-11-03	United States of America
BOSE CORPORATION	AUGMENTED AUDIO DEVELOPMENT	16/289932	10817153	2019-03-01	2020-10-27	United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR STREAMING AUDIO AND VOICE DATA	16/290408	10802791	2019-03-01	2020-10-13	United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR SENDING SENSOR DATA	16/290417	10764406	2019-03-01	2020-09-01	United States of America
BOSE CORPORATION	Voice Sensing using Multiple Microphones	16/291525	10839785	2019-03-04	2020-11-17	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION (ANR) SYSTEM WITH MULTIPLE FEEDFORWARD MICROPHONES AND MULTIPLE CONTROLLERS	16/292908	10665220	2019-03-05	2020-05-26	United States of America
BOSE CORPORATION	PLACEMENT OF MULTIPLE FEEDFORWARD MICROPHONES IN AN ACTIVE NOISE REDUCTION (ANR) SYSTEM	16/292989	11062688	2019-03-05	2021-07-13	United States of America
BOSE CORPORATION	ACOUSTIC OUTPUT THROUGH HEADREST WINGS	16/295221	10899261	2019-03-07	2021-01-26	United States of America
BOSE CORPORATION	AUTOMATED ACTIVITY DETECTION AND TRACKING	16/295511	11253747	2019-03-07	2022-02-22	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR CONTROLLING ELECTRONIC DEVICES	16/295717	10863277	2019-03-07	2020-12-08	United States of America

BOSE CORPORATION	LOUDSPEAKER WITH WAVEGUIDE	16/296305	10791394	2019-03-08	2020-09-29	United States of America
BOSE CORPORATION	PRIORITIZING DELIVERY OF LOCATION-BASED PERSONAL AUDIO	16/296637	11343613	2019-03-08	2022-05-24	United States of America
BOSE CORPORATION	USER-INTERFACES FOR AUDIO-AUGMENTED-REALITY	16/297485	10915291	2019-03-08	2021-02-09	United States of America
BOSE CORPORATION	PREDICTING ACOUSTIC FEATURES FOR GEOGRAPHIC LOCATIONS	16/298400	11481426	2019-03-11	2022-10-25	United States of America
BOSE CORPORATION	Wireless Audio Synchronization	16/298788	10453474	2019-03-11	2019-10-22	United States of America
BOSE CORPORATION	Orientation-Responsive Acoustic Array Control	16/356361	11388536	2019-03-18	2022-07-12	United States of America
BOSE CORPORATION	ENTRY PRESENCE DETECTION FOR AUDIO-VIDEO PRODUCTS AND DEVICES	16/357985	10708653	2019-03-19	2020-07-07	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE	16/360093	11076214	2019-03-21	2021-07-27	United States of America
BOSE CORPORATION	Wearable Audio Device	16/360420	11061081	2019-03-21	2021-07-13	United States of America
BOSE CORPORATION	SMART RELAXATION MASK	16/363695	11590313	2019-03-25	2023-02-28	United States of America
BOSE CORPORATION	INTELLIGENT CONVERSATION CONTROL IN WEARABLE AUDIO SYSTEMS	16/365011	10869122	2019-03-26	2020-12-15	United States of America
BOSE CORPORATION	CANCELLATION OF VEHICLE ACTIVE SOUND MANAGEMENT SIGNALS FOR HANDSFREE SYSTEMS	16/367683	11600287	2019-03-28	2023-03-07	United States of America

BOSE CORPORATION	Audio Data Buffering	16/367856	10929093	2019-03-28	2021-02-23	United States of America
BOSE CORPORATION	PERSONALLY ATTRIBUTED AUDIO	16/368920	10848849	2019-03-29	2020-11-24	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR DETECTING DIVERGENCE IN AN ADAPTIVE SYSTEM	16/369620	10586524	2019-03-29	2020-03-10	United States of America
BOSE CORPORATION	SUBBAND ADAPTIVE FILTER FOR SYSTEMS WITH PARTIALLY ACAUSAL, TRANSFER FUNCTIONS	16/369897	10917074	2019-03-29	2021-02-09	United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR ESTABLISHING USER CONTROLS	16/370029	10638229	2019-03-29	2020-04-28	United States of America
BOSE CORPORATION	PORTABLE SPEAKER CONFIGURATIONS	16/373000	10555101	2019-04-02	2020-02-04	United States of America
BOSE CORPORATION	LOW PROFILE LOUDSPEAKERS	16/379230	11234063	2019-04-09	2022-01-25	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	16/381297	11259111	2019-04-11	2022-02-22	United States of America
BOSE CORPORATION	AUTOMATED CONTROL OF NOISE REDUCTION OR NOISE MASKING	16/382926	11076219	2019-04-12	2021-07-27	United States of America
BOSE CORPORATION	FATIGUE AND DROWSINESS DETECTION	16/386916	11395615	2019-04-17	2022-07-26	United States of America
BOSE CORPORATION	MULTI-ARM SPIRAL ANTENNA FOR A WIRELESS DEVICE	16/389240	10944157	2019-04-19	2021-03-09	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR CONTROLLING A MODULAR SPEAKER SYSTEM	16/389267	10684819	2019-04-19	2020-06-16	United States of America

BOSE CORPORATION	ACOUSTIC DEVICE HAVING AN ELECTRO-ACOUSTIC TRANSDUCER MOUNTED TO A PASSIVE RADIATOR DIAPHRAGM	16/390121	10667039	2019-04-22	2020-05-26	United States of America
BOSE CORPORATION	HEADPHONE JOINT	16/390389	10638215	2019-04-22	2020-04-28	United States of America
BOSE CORPORATION	SYSTEM WITH SPEAKER, TRANSCIEVER AND RELATED DEVICES AND METHODS	16/390432	11019438	2019-04-22	2021-05-25	United States of America
BOSE CORPORATION	PHANTOM CENTER IMAGE CONTROL	16/398851	10681484	2019-04-30	2020-06-09	United States of America
BOSE CORPORATION	CURVABLE LINE ARRAY	16/400081	11109125	2019-05-01	2021-08-31	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ESTABLISHING A DATA CONNECTION	16/403962	10694567	2019-05-06	2020-06-23	United States of America
BOSE CORPORATION	ACOUSTIC TRANSDUCER ASSEMBLY DISPOSED IN VEHICLE SEAT	16/407464	10723250	2019-05-09	2020-07-28	United States of America
BOSE CORPORATION	MINIATURE DEVICE HAVING AN ACOUSTIC DIAPHRAGM	16/407574	11546696	2019-05-09	2023-01-03	United States of America
BOSE CORPORATION	Acoustic Device	16/408179	11234071	2019-05-09	2022-01-25	United States of America
BOSE CORPORATION	SPEAKER SYSTEM WITH CUSTOMIZED AUDIO EXPERIENCES	16/411266	11012780	2019-05-14	2021-05-18	United States of America
BOSE CORPORATION	WEARABLE RESPIRATION MANAGEMENT DEVICE	16/414048	11229768	2019-05-16	2022-01-25	United States of America
BOSE CORPORATION	EyeGlass Headphones	16/414678	10951976	2019-05-16	2021-03-16	United States of America

BOSE CORPORATION	MITIGATING IMPACT OF DOUBLE TALK FOR RESIDUAL ECHO SUPPRESSORS	16/416539	10964305	2019-05-20	2021-03-30	United States of America
BOSE CORPORATION	Acoustic Deflector as Heat Sink	16/419557	10887684	2019-05-22	2021-01-05	United States of America
BOSE CORPORATION	DYNAMIC CONTROL OF MULTIPLE FEEDFORWARD MICROPHONES IN ACTIVE NOISE REDUCTION DEVICES	16/422239	10873809	2019-05-24	2020-12-22	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR DATA MANAGEMENT	16/422410	11190556	2019-05-24	2021-11-30	United States of America
BOSE CORPORATION	Gain Adjustment in ANR System with Multiple Feedforward Microphones	16/423776	11651759	2019-05-28	2023-05-16	United States of America
BOSE CORPORATION	SURFACE TREATMENTS FOR SILICONE ACOUSTIC DIAPHRAGMS	16/423838	10645497	2019-05-28	2020-05-05	United States of America
BOSE CORPORATION	Multipurpose Microphone in Acoustic Devices	16/424063	10741164	2019-05-28	2020-08-11	United States of America
BOSE CORPORATION	AUDIO SIGNAL PROCESSING FOR NOISE REDUCTION	16/425529	10748549	2019-05-29	2020-08-18	United States of America
BOSE CORPORATION	AUTOMATIC ACTIVE NOISE REDUCTION (ANR) CONTROL	16/425550	10636405	2019-05-29	2020-04-28	United States of America
BOSE CORPORATION	Wearable Audio Device	16/426267	11272282	2019-05-30	2022-03-08	United States of America
BOSE CORPORATION	TECHNIQUES FOR WIND NOISE REDUCTION	16/426888	11245975	2019-05-30	2022-02-08	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR AUDIO FEEDBACK ELIMINATION	16/428217	10856078	2019-05-31	2020-12-01	United States of America

BOSE CORPORATION	AUTOMATICALLY PAIRING A BLUETOOTH LOW ENERGY (BLE) DEVICE TO A USER DEVICE	16/428349	10743165	2019-05-31	2020-08-11	United States of America
BOSE CORPORATION	METHOD FOR CHANGING AUDIO LIMITER SETTINGS UNDER LOW ALTERNATING-CURRENT (AC) LINE VOLTAGE CONDITION	16/429307	10855237	2019-06-03	2020-12-01	United States of America
BOSE CORPORATION	LOW LATENCY MODE FOR WIRELESS COMMUNICATION BETWEEN DEVICES	16/430809	10705793	2019-06-04	2020-07-07	United States of America
BOSE CORPORATION	Headrests	16/433719	11336976	2019-06-06	2022-05-17	United States of America
BOSE CORPORATION	AUDIO NAVIGATION TO A POINT OF INTEREST	16/435864	10667073	2019-06-10	2020-05-26	United States of America
BOSE CORPORATION	CONTEXTUAL GUIDANCE FOR HEARING AID	16/436218	11438710	2019-06-10	2022-09-06	United States of America
BOSE CORPORATION	AUTO-CONFIGURABLE BASS LOUDSPEAKER	16/438138	11102570	2019-06-11	2021-08-24	United States of America
BOSE CORPORATION	AUTOMATIC ACTIVE NOISE REDUCTION (ANR) CONTROL TO IMPROVE USER INTERACTION	16/439311	10681453	2019-06-12	2020-06-09	United States of America
BOSE CORPORATION	AUDIO EYEGLASSES WITH CABLE-THROUGH HINGE AND RELATED FLEXIBLE PRINTED CIRCUIT	16/442813	10670890	2019-06-17	2020-06-02	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS OF DETECTING SPEECH ACTIVITY OF HEADPHONE USER	16/442956	10762915	2019-06-17	2020-09-01	United States of America

BOSE CORPORATION	MODULAR ECHO CANCELLATION UNIT	16/443292	11017792	2019-06-17	2021-05-25	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ASSEMBLING AN ELECTRO-ACOUSTIC TRANSDUCER INCLUDING A MINIATURE VOICE COIL	16/445581	11128971	2019-06-19	2021-09-21	United States of America
BOSE CORPORATION	Real Time Detection of Conditions in Acoustic Devices	16/445952	10748521	2019-06-19	2020-08-18	United States of America
BOSE CORPORATION	INSTABILITY MITIGATION IN AN ACTIVE NOISE REDUCTION (ANR) SYSTEM HAVING A HEAR-THROUGH MODE	16/446932	10964304	2019-06-20	2021-03-30	United States of America
BOSE CORPORATION	AUDIO PERFORMANCE WITH FAR FIELD MICROPHONE	16/446987	11437004	2019-06-20	2022-09-06	United States of America
BOSE CORPORATION	GESTURE CONTROL AND PULSE MEASUREMENT THROUGH EMBEDDED FILMS	16/447602	10860114	2019-06-20	2020-12-08	United States of America
BOSE CORPORATION	AUDIO DEVICE WITH CHARGING CONTACTS ON PRINTED CIRCUIT BOARD	16/448606	10771873	2019-06-21	2020-09-08	United States of America
BOSE CORPORATION	EAR TIPS CAPABLE OF CAPTURING BIOELECTRICAL SIGNALS AND PROVIDING NERVE STIMULATION	16/448849	10835145	2019-06-21	2020-11-17	United States of America
BOSE CORPORATION	EARPIECE PASSIVE NOISE ATTENUATING	16/450197	11234065	2019-06-24	2022-01-25	United States of America
BOSE CORPORATION	USER AUTHENTICATION WITH AUDIO REPLY	16/454980	11170790	2019-06-27	2021-11-09	United States of America

BOSE CORPORATION	ACTIVE LOUDSPEAKER AND CABLE ASSEMBLY	16/456348	10652664	2019-06-28	2020-05-12	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR CANCELING ECHO IN A MICROPHONE SIGNAL	16/456570	11044556	2019-06-28	2021-06-22	United States of America
BOSE CORPORATION	AUDIO DEVICE WITH WAKEUP WORD DETECTION	16/458537	11270696	2019-07-01	2022-03-08	United States of America
BOSE CORPORATION	SELF-BOOSTING AMPLIFIER	16/507890	11469723	2019-07-10	2022-10-11	United States of America
BOSE CORPORATION	Electrically Conductive Earbuds	16/509942	11779285	2019-07-12	2023-10-10	United States of America
BOSE CORPORATION	MULTI-TUNED SPEAKER SYSTEM	16/510091	11064309	2019-07-12	2021-07-13	United States of America
BOSE CORPORATION	SMART RELAXATION MASKS WITH WIRED EARPIECES	16/510181	11504497	2019-07-12	2022-11-22	United States of America
BOSE CORPORATION	LIGHT DIFFUSERS FOR SMART RELAXATION MASKS	16/510273	11633565	2019-07-12	2023-04-25	United States of America
BOSE CORPORATION	MULTI-APPLICATION CONTROL OF AUGMENTED REALITY AUDIO	16/511375	11016723	2019-07-15	2021-05-25	United States of America
BOSE CORPORATION	MULTI-APPLICATION AUGMENTED REALITY AUDIO WITH CONTEXTUALLY AWARE NOTIFICATIONS	16/511381	10983751	2019-07-15	2021-04-20	United States of America
BOSE CORPORATION	Dynamically Changing Master Audio Playback Device	16/511672	10694307	2019-07-15	2020-06-23	United States of America
BOSE CORPORATION	DUAL-TRANSCIEVER WIRELESS CALLING	16/511896	10715650	2019-07-15	2020-07-14	United States of America
BOSE CORPORATION	ACOUSTIC NOISE REDUCTION AUDIO SYSTEM HAVING TAP CONTROL	16/511905	10997959	2019-07-15	2021-05-04	United States of America

BOSE CORPORATION	DYNAMIC SOUND ADJUSTMENT BASED ON NOISE FLOOR ESTIMATE	16/512464	11024284	2019-07-16	2021-06-01	United States of America
BOSE CORPORATION	Audio Device	16/519220	10827246	2019-07-23	2020-11-03	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ESTIMATING NOISE	16/519762	10839821	2019-07-23	2020-11-17	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR NOISE-CANCELLATION	16/519896	10861434	2019-07-23	2020-12-08	United States of America
BOSE CORPORATION	WEARABLE PERSONAL ACOUSTIC DEVICE HAVING OUTLOUD AND PRIVATE OPERATIONAL MODES	16/524523	10959009	2019-07-29	2021-03-23	United States of America
BOSE CORPORATION	Audio Conditioning Chimes	16/528131	11170630	2019-07-31	2021-11-09	United States of America
BOSE CORPORATION	Gesture Detection Using Ultrasonic Clicks	16/531995	11308733	2019-08-05	2022-04-19	United States of America
BOSE CORPORATION	Pressure Control in Externally Ducted Loudspeakers	16/532927	11377041	2019-08-06	2022-07-05	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION IN OPEN EAR DIRECTIONAL ACOUSTIC DEVICES	16/534016	11197083	2019-08-07	2021-12-07	United States of America
BOSE CORPORATION	MICROPHONE PLACEMENT IN OPEN EAR HEARING ASSISTANCE DEVICES	16/534588		2019-08-07		United States of America
BOSE CORPORATION	Electro-Acoustic Transducer for Open Audio Device	16/536802	10798491	2019-08-09	2020-10-06	United States of America
BOSE CORPORATION	LINE ARRAY LOUDSPEAKER	16/542393	11095975	2019-08-16	2021-08-17	United States of America
BOSE CORPORATION	Audio system equalization	16/542512	10805726	2019-08-16	2020-10-13	United States of America
BOSE CORPORATION	AUDIO SYNCHRONIZATION IN WIRELESS SYSTEMS	16/544630	11057451	2019-08-19	2021-07-06	United States of America

BOSE CORPORATION	SMART CONNECTION MANAGEMENT	16/544697	10701538	2019-08-19	2020-06-30	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR SYNCHRONIZING DEVICE CLOCKS	16/549710	11394480	2019-08-23	2022-07-19	United States of America
BOSE CORPORATION	COLLECTING BIOLOGICALLY-RELEVANT INFORMATION USING AN EARPIECE	16/549792	11344256	2019-08-23	2022-05-31	United States of America
BOSE CORPORATION	SLEEP ASSISTANCE DEVICE	16/552204	11420011	2019-08-27	2022-08-23	United States of America
BOSE CORPORATION	PERSONAL SONAR SYSTEM	16/555661	11169264	2019-08-29	2021-11-09	United States of America
BOSE CORPORATION	OPEN AUDIO DEVICE	16/558239	11706552	2019-09-02	2023-07-18	United States of America
BOSE CORPORATION	MICROPHONE CAVITY	16/558254	10779077	2019-09-02	2020-09-15	United States of America
BOSE CORPORATION	DUAL ZONE DISCHARGE OF RECHARGEABLE BATTERIES	16/558837	11553267	2019-09-03	2023-01-10	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION AUDIO DEVICES AND SYSTEMS	16/565293	10959019	2019-09-09	2021-03-23	United States of America
BOSE CORPORATION	MULTI-BAND SLOT ANTENNA	16/565972	11362428	2019-09-10	2022-06-14	United States of America
BOSE CORPORATION	METHOD OF FABRICATING A MINIATURE DEVICE HAVING AN ACOUSTIC DIAPHRAGM	16/566272	11019444	2019-09-10	2021-05-25	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH VAGUS NERVE STIMULATION	16/567084	11235156	2019-09-11	2022-02-01	United States of America
BOSE CORPORATION	Systems and methods for providing and coordinating vagus	16/567116	11241574	2019-09-11	2022-02-08	United States of America

	nerve stimulation with audio therapy					
BOSE CORPORATION	OPEN AUDIO DEVICE	16/567146	10951970	2019-09-11	2021-03-16	United States of America
BOSE CORPORATION	AUDIO DEVICE	16/567443	10924838	2019-09-11	2021-02-16	United States of America
BOSE CORPORATION	ELECTRICALLY CONDUCTIVE EAR TIPS	16/567796	11571563	2019-09-11	2023-02-07	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR INCREASING RELIABILITY FOR MEDIA DATA DISTRIBUTION	16/568822	11363125	2019-09-12	2022-06-14	United States of America
BOSE CORPORATION	SPATIALIZED AUGMENTED REALITY (AR) AUDIO MENU	16/570238	11036464	2019-09-13	2021-06-15	United States of America
BOSE CORPORATION	SYNCHRONIZATION OF INSTABILITY MITIGATION IN AUDIO DEVICES	16/570578	11043201	2019-09-13	2021-06-22	United States of America
BOSE CORPORATION	AUDIO PROCESSING FOR WEARABLES IN HIGH-NOISE ENVIRONMENT	16/571511	10841693	2019-09-16	2020-11-17	United States of America
BOSE CORPORATION	Secure Self-Identification of a Device	16/576198	11349660	2019-09-19	2022-05-31	United States of America
BOSE CORPORATION	Wireless Audio Synchronization	16/587957	10805728	2019-09-30	2020-10-13	United States of America
BOSE CORPORATION	Wireless Audio Synchronization	16/588330	10706872	2019-09-30	2020-07-07	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH HEAD ON/OFF STATE DETECTION	16/589619	10757500	2019-10-01	2020-08-25	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR SOUND SOURCE VIRTUALIZATION	16/592454	11617050	2019-10-03	2023-03-28	United States of America

BOSE CORPORATION	SYSTEMS AND METHODS FOR MODIFYING AN AUDIO PLAYBACK	16/594811	11342895	2019-10-07	2022-05-24	United States of America
BOSE CORPORATION	HORN LOUDSPEAKERS	16/595723	11310587	2019-10-08	2022-04-19	United States of America
BOSE CORPORATION	MODIFIED FORCE SENSITIVE RESISTORS	16/597119	11243614	2019-10-09	2022-02-08	United States of America
BOSE CORPORATION	Dimensional Consistency of Miniature Loudspeakers	16/598618	11729569	2019-10-10	2023-08-15	United States of America
BOSE CORPORATION	STEREO PAIRED SPEAKER SYSTEM WITH CENTER EXTRACTION	16/654142	10952005	2019-10-16	2021-03-16	United States of America
BOSE CORPORATION	PRESSURE ADAPTIVE ACTIVE NOISE CANCELLING HEADPHONE SYSTEM AND METHOD	16/657579	10984776	2019-10-18	2021-04-20	United States of America
BOSE CORPORATION	Audio System Equalizing	16/658223	11258418	2019-10-21	2022-02-22	United States of America
BOSE CORPORATION	ELECTRO-MAGNETIC MOTOR GEOMETRY WITH RADIAL RING AND AXIAL POLE MAGNET	16/663065	11245986	2019-10-24	2022-02-08	United States of America
BOSE CORPORATION	METHOD OF FABRICATING A MINIATURE DEVICE HAVING AN ACOUSTIC DIAPHRAGM	16/668298	11095987	2019-10-30	2021-08-17	United States of America
BOSE CORPORATION	LOUDSPEAKER SYSTEM COOLING	16/669682	11178797	2019-10-31	2021-11-16	United States of America
BOSE CORPORATION	REAL-TIME AUGMENTED HEARING PLATFORM	16/675976	11217268	2019-11-06	2022-01-04	United States of America
BOSE CORPORATION	HEADPHONE CHARGING CASE	16/679979	10778021	2019-11-11	2020-09-15	United States of America

BOSE CORPORATION	ACTIVE NOISE CANCELLATION SYSTEMS WITH CONVERGENCE DETECTION	16/683539	11164557	2019-11-14	2021-11-02	United States of America
BOSE CORPORATION	Controlling Ambient Sound Volume	16/685512	11039241	2019-11-15	2021-06-15	United States of America
BOSE CORPORATION	VARIABLE PORT MICROPHONE	16/686436	11134337	2019-11-18	2021-09-28	United States of America
BOSE CORPORATION	AUDIO DEVICE PROXIMITY DETECTION	16/689297	11863927	2019-11-20	2024-01-02	United States of America
BOSE CORPORATION	INTELLIGENT BEAM STEERING IN MICROPHONE ARRAY	16/690361	10721560	2019-11-21	2020-07-21	United States of America
BOSE CORPORATION	ACTIVE TRANSIT VEHICLE CLASSIFICATION	16/690375	10897663	2019-11-21	2021-01-19	United States of America
BOSE CORPORATION	EARPIECES AND RELATED ARTICLES AND DEVICES	16/690586	11234085	2019-11-21	2022-01-25	United States of America
BOSE CORPORATION	HANDLE ASSEMBLY FOR ELECTRONIC DEVICE	16/691159	11277678	2019-11-21	2022-03-15	United States of America
BOSE CORPORATION	Variable-Frequency Smoothing	16/691196	11374663	2019-11-21	2022-06-28	United States of America
BOSE CORPORATION	ADAPTIVE NULL FORMING AND ECHO CANCELLATION FOR SELECTIVE AUDIO PICK-UP	16/695536	11430421	2019-11-26	2022-08-30	United States of America
BOSE CORPORATION	ADJUSTABLE WAVEGUIDE	16/697521	11211044	2019-11-27	2021-12-28	United States of America
BOSE CORPORATION	SPATIALIZED AUDIO ASSIGNMENT	16/713830	11039265	2019-12-13	2021-06-15	United States of America
BOSE CORPORATION	AUDIO DEVICE WITH VIBRATIONALLY ISOLATED TRANSDUCER	16/714925	11223889	2019-12-16	2022-01-11	United States of America

BOSE CORPORATION	Audio Device with Speech-Based Audio Signal Processing	16/728382	11172294	2019-12-27	2021-11-09	United States of America
BOSE CORPORATION	NON-LINEAR BREATH ENTRAINMENT	16/735057	11617917	2020-01-06	2023-04-04	United States of America
BOSE CORPORATION	Acoustic Device	16/737733	11095966	2020-01-08	2021-08-17	United States of America
BOSE CORPORATION	ELECTRONIC DEVICE WITH FORCE ELEMENT	16/740832	10966008	2020-01-13	2021-03-30	United States of America
BOSE CORPORATION	Multi-Channel Residual Echo Suppression	16/744499	10904396	2020-01-16	2021-01-26	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR DETECTING NOISE FLOOR OF A SENSOR	16/747932	11508192	2020-01-21	2022-11-22	United States of America
BOSE CORPORATION	DUAL-FIELD SINGLE-VOICE-COIL TRANSDUCER	16/775512	11184712	2020-01-29	2021-11-23	United States of America
BOSE CORPORATION	Surround Sound Location Virtualization	16/777404	11582572	2020-01-30	2023-02-14	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH CABLE-THROUGH HINGE	16/778132	11662609	2020-01-31	2023-05-30	United States of America
BOSE CORPORATION	Personal Audio Device	16/778541	11145319	2020-01-31	2021-10-12	United States of America
BOSE CORPORATION	SURFACE DETECTION FOR MICROMOBILITY VEHICLES	16/779844	11592304	2020-02-03	2023-02-28	United States of America
BOSE CORPORATION	TWO-DIMENSIONAL SMOOTHING OF POST-FILTER MASKS	16/779946	11282531	2020-02-03	2022-03-22	United States of America
BOSE CORPORATION	ENHANCEMENT OF AUDIO FROM REMOTE AUDIO SOURCES	16/782610	11373668	2020-02-05	2022-06-28	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR TRANSITIONING A	16/782676	11380298	2020-02-05	2022-07-05	United States of America

	NOISE-CANCELLATION SYSTEM					
BOSE CORPORATION	DIRECTIONAL AUDIO SELECTION	16/782685	10972857	2020-02-05	2021-04-06	United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR GENERATING CUSTOMIZED AUDIO EXPERIENCES	16/788974	10983752	2020-02-12	2021-04-20	United States of America
BOSE CORPORATION	STACKABLE LOUDSPEAKERS	16/790356	11153680	2020-02-13	2021-10-19	United States of America
BOSE CORPORATION	Noise Estimation Using Coherence	16/794765	10840870	2020-02-19	2020-11-17	United States of America
BOSE CORPORATION	FABRICATING AN INTEGRATED LOUDSPEAKER PISTON AND SUSPENSION	16/794880		2020-02-19		United States of America
BOSE CORPORATION	MINIATURE MOVING COIL LOUDSPEAKER WITH FERROFLUID	16/798769	11297412	2020-02-24	2022-04-05	United States of America
BOSE CORPORATION	INTEGRATED CAPACITOR AND ANTENNA	16/806801	11525703	2020-03-02	2022-12-13	United States of America
BOSE CORPORATION	WEARABLE ACTIVE NOISE REDUCTION (ANR) DEVICE HAVING LOW FREQUENCY FEEDBACK LOOP MODULATION	16/811148	11164554	2020-03-06	2021-11-02	United States of America
BOSE CORPORATION	ADAPTIVE HEADPHONE SYSTEM	16/816634	11039240	2020-03-12	2021-06-15	United States of America
BOSE CORPORATION	AUDIO PROCESSING USING DISTRIBUTED MACHINE LEARNING MODEL	16/818074	11206485	2020-03-13	2021-12-21	United States of America

BOSE CORPORATION	Directional Acoustic Radiating Device	16/820154	11336995	2020-03-16	2022-05-17	United States of America
BOSE CORPORATION	AUTOMATIC USER INTERFACE SWITCHING	16/826917	11006202	2020-03-23	2021-05-11	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH COUNTER-BORE PORT FEATURE	16/828327	11223895	2020-03-24	2022-01-11	United States of America
BOSE CORPORATION	COMMON MODE VOLTAGE CONTROLLER FOR SELF-BOOSTING PUSH PULL AMPLIFIER	16/829750	11398802	2020-03-25	2022-07-26	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR BROADCASTING AUDIO	16/832815	11304006	2020-03-27	2022-04-12	United States of America
BOSE CORPORATION	AUTOMATIC GAIN CONTROL IN AN ACTIVE NOISE REDUCTION (ANR) SIGNAL FLOW PATH	16/835750	11636841	2020-03-31	2023-04-25	United States of America
BOSE CORPORATION	MULTI-STAGE BODY ENGAGEMENT DETECTION	16/835856	11212607	2020-03-31	2021-12-28	United States of America
BOSE CORPORATION	SECURE DEVICE ACTION INITIATION USING A REMOTE DEVICE	16/835864	11102655	2020-03-31	2021-08-24	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS INCLUDING WIRELESS DATA PACKET RETRANSMISSION SCHEMES	16/835919	11418297	2020-03-31	2022-08-16	United States of America
BOSE CORPORATION	POWER DISTRIBUTION SYSTEM FOR 3 PHASE BALANCED LOADS	16/839269	11483030	2020-04-03	2022-10-25	United States of America
BOSE CORPORATION	ACTIVE LOUDSPEAKER AND CABLE ASSEMBLY	16/843105	11070919	2020-04-08	2021-07-20	United States of America
BOSE CORPORATION	Sleep System	16/844402	11617854	2020-04-09	2023-04-04	United States of America

BOSE CORPORATION	AUDIO EYEGLASSES WITH DOUBLE-DETENT HINGE	16/851730	11,513,366	2020-04-17	2022-11-29	United States of America
BOSE CORPORATION	Managing Characteristics of Active Noise Reduction	16/857382	10937410	2020-04-24	2021-03-02	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE MAGNETOMETER COMPENSATION	16/857426	11159872	2020-04-24	2021-10-26	United States of America
BOSE CORPORATION	WEARABLE AUDIO SYSTEM USE POSITION DETECTION	16/857462	11064282	2020-04-24	2021-07-13	United States of America
BOSE CORPORATION	ANTENNA OPERABLE IN SINGLE-ENDED AND DIFFERENTIAL MODES	16/860546	11469489	2020-04-28	2022-10-11	United States of America
BOSE CORPORATION	VOICE ACTIVITY DETECTION	16/862126	11138990	2020-04-29	2021-10-05	United States of America
BOSE CORPORATION	MODULAR ACOUSTIC SYSTEMS	16/862909	11500227	2020-04-30	2022-11-15	United States of America
BOSE CORPORATION	HEARING ASSIST DEVICE EMPLOYING DYNAMIC PROCESSING OF VOICE SIGNALS	16/864656	11438711	2020-05-01	2022-09-06	United States of America
BOSE CORPORATION	Earphones for Measuring and Entraining Respiration	16/865626	11534572	2020-05-04	2022-12-27	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH USER OWN-VOICE RECORDING	16/869759	11521643	2020-05-08	2022-12-06	United States of America
BOSE CORPORATION	Audio Device	16/875160	11303984	2020-05-15	2022-04-12	United States of America
BOSE CORPORATION	HOST DETECTION AND ACOUSTIC MODULE DETECTION	16/875475	11496826	2020-05-15	2022-11-08	United States of America
BOSE CORPORATION	Vehicle Headrest	16/876769	11285851	2020-05-18	2022-03-29	United States of America

BOSE CORPORATION	AUDIO STREAMING CHARGING CASE	16/880283	10911859	2020-05-21	2021-02-02	United States of America
BOSE CORPORATION	COMPUTER-IMPLEMENTED TOOLS AND METHODS FOR GESTURE SUBSCRIPTION	16/881887	11243739	2020-05-22	2022-02-08	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE PLACEMENT DETECTION	16/882673	11202137	2020-05-25	2021-12-14	United States of America
BOSE CORPORATION	IN-EAR EARPIECE RETAINING STRUCTURE	16/883529	11297408	2020-05-26	2022-04-05	United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR COMMUNICATING WITH DEVICE CASES	16/892917	11197142	2020-06-04	2021-12-07	United States of America
BOSE CORPORATION	AUTOMATIC ACTIVE NOISE REDUCTION (ANR) CONTROL TO IMPROVE USER INTERACTION	16/894280	11343607	2020-06-05	2022-05-24	United States of America
BOSE CORPORATION	HEADBAND ASSEMBLY	16/897065	10924843	2020-06-09	2021-02-16	United States of America
BOSE CORPORATION	ACCESSING MULTIPLE VIRTUAL PERSONAL ASSISTANTS (VPA) FROM A SINGLE DEVICE	16/901743	11250859	2020-06-15	2022-02-15	United States of America
BOSE CORPORATION	NOZZLE OF AN IN-EAR AUDIO DEVICE INCLUDING A FLEXIBLE PORTION AND A RIGID PORTION	16/901779	11095973	2020-06-15	2021-08-17	United States of America
BOSE CORPORATION	SPATIALIZED AUDIO RELATIVE TO A MOBILE PERIPHERAL DEVICE	16/904087	11356795	2020-06-17	2022-06-07	United States of America
BOSE CORPORATION	HEAD ORIENTATION TRACKING	16/904889	11599189	2020-06-18	2023-03-07	United States of America
BOSE CORPORATION	Earpiece Charging Case Detection	16/905666	11451076	2020-06-18	2022-09-20	United States of America

BOSE CORPORATION	BACKREST SPEAKERS WITH ACOUSTIC CHANNELS	16/907439	11299080	2020-06-22	2022-04-12	United States of America
BOSE CORPORATION	AUTOMOBILE SEAT WITH USER PROXIMITY TRACKING	16/916308	11376991	2020-06-30	2022-07-05	United States of America
BOSE CORPORATION	USING PERSONALIZED PHYSIOLOGICAL PARAMETERS FOR SLEEP/WAKE DETECTION	16/917071	11701055	2020-06-30	2023-07-18	United States of America
BOSE CORPORATION	AUDIO DEVICE WITH FLEXIBLE CIRCUIT FOR CAPACITIVE INTERFACE	16/919634	11275471	2020-07-02	2022-03-15	United States of America
BOSE CORPORATION	HEADPHONE EARCUP MOUNT IN CONTINUOUS HEADBAND-SPRING HEADPHONE SYSTEM	16/922308	10848870	2020-07-07	2020-11-24	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR SYNCHRONIZING TRANSMISSION OF WIRELESS DATA	16/922550	11405120	2020-07-07	2022-08-02	United States of America
BOSE CORPORATION	AUDIO SIGNAL PROCESSING FOR NOISE REDUCTION	16/930557	11594240	2020-07-16	2023-02-28	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR DETECTING DIVERGENCE IN AN ADAPTIVE SYSTEM	16/935979	11232778	2020-07-22	2022-01-25	United States of America
BOSE CORPORATION	POWERED LINE ARRAY SPEAKER SYSTEM WITH REDUNDANT NETWORK AND POWER SUPPLY	16/944510	11496833	2020-07-31	2022-11-08	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH TRI-PORT ACOUSTIC CAVITY	16/944819	11212609	2020-07-31	2021-12-28	United States of America

BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH CONTROL PLATFORM	16/953272	11509992	2020-11-19	2022-11-22	United States of America
BOSE CORPORATION	AUDIO DEVICE WITH SEALING MEMBER AND INTERNAL HEAT SINK	16/953763	11696058	2020-11-20	2023-07-04	United States of America
BOSE CORPORATION	EARBUD CASE WITH HALL EFFECT SENSOR AND RELATED HOLDER	16/987657	11340315	2020-08-07	2022-05-24	United States of America
BOSE CORPORATION	SLEEP AIDING IN-EAR AUDIO DEVICE WITH NOISE-REDUCTION FINISH	16/987659	11375327	2020-08-07	2022-06-28	United States of America
BOSE CORPORATION	WIRELESS AUDIO DEVICE BATTERY PRE-LOADING AND PRE-CHARGING	16/988105	11405714	2020-08-07	2022-08-02	United States of America
BOSE CORPORATION	EARPIECE PORTING	16/990358		2020-08-11		United States of America
BOSE CORPORATION	Wearable Audio Device Feedforward Instability Detection	16/993619	11350204	2020-08-14	2022-05-31	United States of America
BOSE CORPORATION	AUDIO SYSTEMS AND METHODS FOR VOICE ACTIVITY DETECTION	16/995134	11482236	2020-08-17	2022-10-25	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH INNER MICROPHONE ADAPTIVE NOISE REDUCTION	16/999353	11330358	2020-08-21	2022-05-10	United States of America
BOSE CORPORATION	OPEN EAR AUDIO DEVICE WITH BONE CONDUCTION SPEAKER	16879963	RE50033	2020-05-21	2024-07-02	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH MODULAR COMPONENT ATTACHMENT	16930579	11627400	2020-07-16	2023-04-11	United States of America

BOSE CORPORATION	WEARABLE MIXED SENSOR ARRAY FOR SELF-VOICE CAPTURE	17/002254	11335362	2020-08-25	2022-05-17	United States of America
BOSE CORPORATION	EARPIECE POSITIONING AND RETAINING	17/007844	11330355	2020-08-31	2022-05-10	United States of America
BOSE CORPORATION	CONVERSATION ASSISTANCE AUDIO DEVICE PERSONALIZATION	17/014409	11809775	2020-09-08	2023-11-07	United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR DETERMINING POSITION AND ORIENTATION OF A DEVICE USING ACOUSTIC BEACONS	17/022784	11982738	2020-09-16	2024-05-14	United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR MANAGING SIMULTANEOUS DATA STREAMS FROM MULTIPLE SOURCES	17/024328	11916988	2020-09-28	2024-02-27	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ADAPTIVE BEAMFORMING	17/024361	11483647	2020-09-17	2022-10-25	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ADAPTING ESTIMATED SECONDARY PATH	17/025382	11100911	2020-09-18	2021-08-24	United States of America
BOSE CORPORATION	HEARING AUGMENTATION AND WEARABLE SYSTEM WITH LOCALIZED FEEDBACK	17/027919	11467666	2020-09-22	2022-10-11	United States of America
BOSE CORPORATION	MACHINE LEARNING BASED SELF-SPEECH REMOVAL	17/032801	11750984	2020-09-25	2023-09-05	United States of America
BOSE CORPORATION	SOUNDBAR	17/038843	11323813	2020-09-30	2022-05-03	United States of America

BOSE CORPORATION	Wireless Audio Synchronization	17/067145	11678118	2020-10-09	2023-06-13	United States of America
BOSE CORPORATION	HEADPHONE EARCUP MOUNT IN CONTINUOUS HEADBAND-SPRING HEADPHONE SYSTEM	17/076903	11272287	2020-10-22	2022-03-08	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR CONTROLLING ELECTRONIC DEVICES	17/081511	11412327	2020-10-27	2022-08-09	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR PROVIDING AUGMENTED AUDIO	17/085574	11700497	2020-10-30	2023-07-11	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR PROVIDING AUGMENTED AUDIO	17/085600	11696084	2020-10-30	2023-07-04	United States of America
BOSE CORPORATION	AUDIO SYSTEM HEIGHT CHANNEL UP-MIXING	17/088062	11373662	2020-11-03	2022-06-28	United States of America
BOSE CORPORATION	Voice Sensing using Multiple Microphones	17/098845	11657793	2020-11-16	2023-05-23	United States of America
BOSE CORPORATION	Modular Acoustic Systems	17/100315	11653140	2020-11-20	2023-05-16	United States of America
BOSE CORPORATION	Dynamic Audio Headroom Management System	17/108633	11405739	2020-12-01	2022-08-02	United States of America
BOSE CORPORATION	AUDIO SIGNAL AMPLIFIER GAIN CONTROL	17/116105	11533033	2020-12-09	2022-12-20	United States of America
BOSE CORPORATION	EARPIECE WITH MOVING COIL TRANSDUCER AND ACOUSTIC BACK VOLUME	17/120486	11523230	2020-12-14	2022-12-06	United States of America
BOSE CORPORATION	Adaptable Waveguides	17/122028	11303995	2020-12-15	2022-04-12	United States of America
BOSE CORPORATION	SENSOR MANAGEMENT FOR WIRELESS DEVICES	17/126630	11671777	2020-12-18	2023-06-06	United States of America

BOSE CORPORATION	DYNAMIC CONTROL OF MULTIPLE FEEDFORWARD MICROPHONES IN ACTIVE NOISE REDUCTION DEVICES	17/129615	11496832	2020-12-21	2022-11-08	United States of America
BOSE CORPORATION	ROBUST BROADCAST VIA RELAYED RETRANSMISSION	17/132362	11695487	2020-12-23	2023-07-04	United States of America
BOSE CORPORATION	LATENCY NEGOTIATION IN A HETEROGENEOUS NETWORK OF SYNCHRONIZED SPEAKERS	17/135746	11678005	2020-12-28	2023-06-13	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ENGINE HARMONIC CANCELLATION	17/139263	11417306	2020-12-31	2022-08-16	United States of America
BOSE CORPORATION	SUBBAND ADAPTIVE FILTER FOR SYSTEMS WITH PARTIALLY ACAUSAL TRANSFER FUNCTIONS	17/168676	11770114	2021-02-05	2023-09-26	United States of America
BOSE CORPORATION	Loudspeaker with Acoustically Transparent Spider	17/169671	11381920	2021-02-08	2022-07-05	United States of America
BOSE CORPORATION	Eyeglass Headphones	17/170336	11451901	2021-02-08	2022-09-20	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION AUDIO DEVICES AND SYSTEMS	17/176585	11856377	2021-02-16	2023-12-26	United States of America
BOSE CORPORATION	ASYMMETRIC MICROPHONE POSITION FOR BEAMFORMING ON WEARABLES FORM FACTOR	17/184054	11410669	2021-02-24	2022-08-09	United States of America
BOSE CORPORATION	NARROWBAND CANCELLATION	17/185435	11721313	2021-02-25	2023-08-08	United States of America

BOSE CORPORATION	INDIVIDUALLY ASSIGNABLE TRANSDUCERS TO MODULATE SOUND OUTPUT IN OPEN EAR FORM FACTOR	17/194986	11356757	2021-03-08	2022-06-07	United States of America
BOSE CORPORATION	EAR TIP WITH WAX GUARD	17/205766	11622214	2021-03-18	2023-04-04	United States of America
BOSE CORPORATION	MICRO TRANSDUCER MOLDING	17/207083	11601770	2021-03-19	2023-03-07	United States of America
BOSE CORPORATION	BIOMETRIC FEEDBACK AS AN ADAPTATION TRIGGER FOR ACTIVE NOISE REDUCTION, MASKING, AND BREATHING	17/210932	11660418	2021-03-24	2023-05-30	United States of America
BOSE CORPORATION	AUDIO PROCESSING FOR WIND NOISE REDUCTION ON WEARABLE DEVICES	17/211243	11521633	2021-03-24	2022-12-06	United States of America
BOSE CORPORATION	Instability Mitigation in an Active Noise Reduction (ANR) System Having a Hear-Through Mode	17/215796	11640817	2021-03-29	2023-05-02	United States of America
BOSE CORPORATION	Managing Characteristics of Active Noise Reduction	17/225338	11600256	2021-04-08	2023-03-07	United States of America
BOSE CORPORATION	OPEN AUDIO DEVICE	17/231166	11653144	2021-04-15	2023-05-16	United States of America
BOSE CORPORATION	SOFT TOUCH MATERIAL	17/232479	12203001	2021-04-16	2025-01-21	United States of America
BOSE CORPORATION	DYNAMIC SOUND MASKING BASED ON MONITORING BIOSIGNALS AND ENVIRONMENTAL NOISES	17/233706	11705100	2021-04-19	2023-07-18	United States of America
BOSE CORPORATION	AUTOMOBILE AUDIO SOUNDSTAGE CONTROL	17/253208		2019-06-11		United States of America
BOSE CORPORATION	WEARABLE DEVICES USING SHAPE MEMORY POLYMERS	17/271525	11812244	2019-08-30	2023-11-07	United States of America

BOSE CORPORATION	Open-Ear Headphone	17/306208	11140469	2021-05-03	2021-10-05	United States of America
BOSE CORPORATION	Measuring Respiration with an In-Ear Accelerometer	17/308438	12016662	2021-05-05	2024-06-25	United States of America
BOSE CORPORATION	SYNCHRONIZATION OF INSTABILITY MITIGATION IN AUDIO DEVICES	17/317360	11670278	2021-05-11	2023-06-06	United States of America
BOSE CORPORATION	CAPTURING AND SYNCHRONIZING DATA FROM MULTIPLE SENSORS	17/319333	11503405	2021-05-13	2022-11-15	United States of America
BOSE CORPORATION	SYSTEM WITH SPEAKER, TRANSCIEVER AND RELATED DEVICES AND METHODS	17/322185	11706576	2021-05-17	2023-07-18	United States of America
BOSE CORPORATION	ROAD NOISE-CANCELLATION SYSTEM RESPONSIVE TO ENTERTAINMENT AUDIO	17/325928	11564034	2021-05-20	2023-01-24	United States of America
BOSE CORPORATION	BACKREST SPEAKERS	17/333056	11647327	2021-05-28	2023-05-09	United States of America
BOSE CORPORATION	SEATBACK SPEAKERS	17/333057	11590869	2021-05-28	2023-02-28	United States of America
BOSE CORPORATION	Portable Loudspeaker Systems	17/347103	11716563	2021-06-14	2023-08-06	United States of America
BOSE CORPORATION	ADAPTIVE HEADPHONE SYSTEM	17/347430	12185050	2021-06-14	2024-12-31	United States of America
BOSE CORPORATION	USER AUTHENTICATION VIA IN-EAR ACOUSTIC MEASUREMENTS	17/353981	12102427	2021-06-22	2024-10-01	United States of America
BOSE CORPORATION	SYSTEM AND METHOD FOR DETERMINING VOICE COIL OFFSET OR TEMPERATURE	17/354590	11457311	2021-06-22	2022-09-27	United States of America

BOSE CORPORATION	HAPTIC TINNITUS THERAPEUTIC SYSTEM	17/355440	11832065	2021-06-23	2023-11-28	United States of America
BOSE CORPORATION	AUDIO SYNCHRONIZATION IN WIRELESS SYSTEMS	17/367852	11606408	2021-07-06	2023-03-14	United States of America
BOSE CORPORATION	COMPRESSIVE HEAR-THROUGH IN PERSONAL ACOUSTIC DEVICES	17/381794	12119016	2021-07-21	2024-10-15	United States of America
BOSE CORPORATION	VIRTUAL DEMONSTRATION OF AUDIO SYSTEM SETUPS	17/386502	11809777	2021-07-27	2023-11-07	United States of America
BOSE CORPORATION	Acoustic Device	17/400964	11589149	2021-08-12	2023-02-21	United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR GENERATING CUSTOMIZED AUDIO EXPERIENCES	17/402420	11593065	2021-08-13	2023-02-28	United States of America
BOSE CORPORATION	VOICE ACTIVITY DETECTION	17/445911	11854576	2021-08-25	2023-12-26	United States of America
BOSE CORPORATION	Personal Audio Device	17/467833	11664041	2021-09-07	2023-05-30	United States of America
BOSE CORPORATION	Open-Ear Headphone	17/474987	11659313	2021-09-14	2023-05-23	United States of America
BOSE CORPORATION	Open Audio Device	17/484756	11284182	2021-09-24	2022-03-22	United States of America
BOSE CORPORATION	WEARABLE ACTIVE NOISE REDUCTION (ANR) DEVICE HAVING LOW FREQUENCY FEEDBACK LOOP MODULATION	17/488509	11568849	2021-09-29	2023-01-31	United States of America
BOSE CORPORATION	HEADPHONE EARCUP MOUNT IN CONTINUOUS HEADBAND-SPRING HEADPHONE SYSTEM	17/523036	11589163	2021-11-10	2023-02-21	United States of America

BOSE CORPORATION	AUDIO PROCESSING USING DISTRIBUTED MACHINE LEARNING MODEL	17/526070	11832072	2021-11-15	2023-11-28	United States of America
BOSE CORPORATION	AUDIO DEVICE	17/538597	11849271	2021-11-30	2023-12-19	United States of America
BOSE CORPORATION	Active Noise Reduction in Open Ear Directional Acoustic Devices	17/541466	11736853	2021-12-03	2023-08-22	United States of America
BOSE CORPORATION	EARPIECE PASSIVE NOISE ATTENUATING	17/549318	11889254	2021-12-13	2024-01-30	United States of America
BOSE CORPORATION	CASES WITH MULTIPOLE MAGNET HINGES	17/556150	12137780	2021-12-20	2024-11-12	United States of America
BOSE CORPORATION	Headphone Audio Controller	17/562142	11457304	2021-12-27	2022-09-27	United States of America
BOSE CORPORATION	MULTI-STAGE BODY ENGAGEMENT DETECTION	17/562977	11729541	2021-12-27	2023-08-15	United States of America
BOSE CORPORATION	ACCESSING MULTIPLE VIRTUAL PERSONAL ASSISTANTS (VPA) FROM A SINGLE DEVICE	17/589820	12223964	2022-01-31	2025-02-11	United States of America
BOSE CORPORATION	NOISE CANCELLATION SIGNAL SATURATION CONTROL	17/594081	11869477	2020-03-31	2024-01-09	United States of America
BOSE CORPORATION	ACTIVE SOUND MANAGEMENT IN NOISE CANCELLATION SYSTEMS	17/600185	12067964	2020-03-30	2024-08-20	United States of America
BOSE CORPORATION	DYNAMIC HEADROOM MANAGEMENT	17/600210	12096189	2020-03-27	2024-09-17	United States of America
BOSE CORPORATION	SIGNAL COMPONENT ESTIMATION USING COHERENCE	17/607649	12033657	2020-04-30	2024-07-09	United States of America
BOSE CORPORATION	SOUND CANCELLATION USING MICROPHONE PROJECTION	17/611280		2020-05-14		United States of America

BOSE CORPORATION	FADE-OUT OF AUDIO TO MINIMIZE SLEEP DISTURBANCE	17/637646		2020-08-05		United States of America
BOSE CORPORATION	IN-CANAL EAR TIPS	17/639180		2020-08-28		United States of America
BOSE CORPORATION	EARPIECES	17/670046	12069442	2022-02-11	2024-08-20	United States of America
BOSE CORPORATION	Hearing Assistance using Active Noise Reduction	17/672866		2022-02-16		United States of America
BOSE CORPORATION	AUDIO DEVICE	17/673088	12041404	2022-02-16	2024-07-16	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH CONTROL PLATFORM	17/679443		2022-02-24		United States of America
BOSE CORPORATION	IN-EAR EARPIECE RETAINING STRUCTURE	17/679583	11800273	2022-02-24	2023-10-24	United States of America
BOSE CORPORATION	Vehicle Headrest	17/682458	11724629	2022-02-28	2023-08-15	United States of America
BOSE CORPORATION	Open Audio Device	17/688463	11582547	2022-03-07	2023-02-14	United States of America
BOSE CORPORATION	EARPIECE FITTING SYSTEM	17/692019	12,035,093	2022-03-10	2024-07-09	United States of America
BOSE CORPORATION	NEAR-FIELD MAGNETIC INDUCTANCE COMMUNICATION WITH IN-EAR ACOUSTIC DEVICES	17/697373		2022-03-17		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR BROADCASTING AUDIO	17/709321	12075225	2022-03-30	2024-08-27	United States of America
BOSE CORPORATION	SPATIALIZED AUDIO RELATIVE TO A PERIPHERAL DEVICE	17/713147	11871209	2022-04-04	2024-01-09	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH INNER MICROPHONE	17/714561	11812217	2022-04-06	2023-11-07	United States of America

	ADAPTIVE NOISE REDUCTION					
BOSE CORPORATION	PLAYBACK ENHANCEMENT IN AUDIO SYSTEMS	17/745748		2022-05-16		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ADAPTIVE BEAMFORMING	17/937,911	11792567	2022-10-04	2023-10-17	United States of America
BOSE CORPORATION	AUDIO FEEDBACK FOR USER CALL STATUS AWARENESS	17065863	11825283	2020-10-08	2023-11-21	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH MODULAR BATTERY AND ELECTRONICS	17090154	11665463	2020-11-05	2023-05-30	United States of America
BOSE CORPORATION	GAIN-ADAPTIVE ACTIVE NOISE REDUCTION (ANR) DEVICE	17218559	11483655	2021-03-31	2022-10-25	United States of America
BOSE CORPORATION	ACOUSTIC NOISE REDUCTION AUDIO SYSTEM HAVING TAP CONTROL	17306479	11626095	2021-05-03	2023-04-11	United States of America
BOSE CORPORATION	PROXIMITY-BASED CONNECTION FOR BLUETOOTH DEVICES	17314270	11601996	2021-05-07	2023-03-07	United States of America
BOSE CORPORATION	Loop Antenna for Hearing Aid	17320843	11627420	2021-05-14	2023-04-11	United States of America
BOSE CORPORATION	WEARABLE HEARING ASSIST DEVICE WITH ARTIFACT REMEDIATION	17321865	11553286	2021-05-17	2023-01-10	United States of America
BOSE CORPORATION	DYNAMIC SEAL TESTING AND FEEDBACK FOR AUDIO WEARABLE DEVICES	17326839		2021-05-21		United States of America
BOSE CORPORATION	Digital Signal Processor/Network Synchronization	17335662	11695537	2021-06-01	2023-07-04	United States of America

BOSE CORPORATION	AUDIO-BASED NEAR FIELD COMMUNICATION	17337794	11573761	2021-06-03	2023-02-07	United States of America
BOSE CORPORATION	AUDIO-BASED METHOD FOR DETERMINING DEVICE DISTANCE	17337908		2021-06-03		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR PREPARING REFERENCE SIGNALS FOR AN ACOUSTIC ECHO CANCELER	17339332	11514922	2021-06-04	2022-11-29	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR IDENTIFYING UNDERUTILIZED ELECTRONIC-DEVICE FEATURES	17355558	11989593	2021-06-23	2024-05-21	United States of America
BOSE CORPORATION	Acoustic Earwax Detection	17357560	11882405	2021-06-24	2024-01-23	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION EARBUD	17362625	11540043	2021-06-29	2022-12-27	United States of America
BOSE CORPORATION	ROBUST RETRANSMISSION TOPOLOGIES USING ERROR CORRECTION	17366613	11869522	2021-07-02	2024-01-09	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH ENHANCED VOICE PICK-UP	17369049	11533555	2021-07-07	2022-12-20	United States of America
BOSE CORPORATION	Ear Tips and Related Devices and Methods	17371483	11582549	2021-07-09	2023-02-14	United States of America
BOSE CORPORATION	SYNCHRONIZING BLUETOOTH DATA CAPTURE TO DATA PLAYBACK	17376328		2021-07-15		United States of America
BOSE CORPORATION	PAIRING A TARGET DEVICE WITH A SOURCE DEVICE AND PAIRING THE TARGET	17393545	12052778	2021-08-04	2024-07-30	United States of America

DEVICE WITH A PARTNER DEVICE						
BOSE CORPORATION	Audio System	17396660	11956617	2021-08-07	2024-04-09	United States of America
BOSE CORPORATION	MULTI-MODAL AUDIO AMPLIFIER AND RELATED SYSTEM	17397090	12,034,414	2021-08-09	2024-07-09	United States of America
BOSE CORPORATION	DYNAMIC TARGET RATE FOR GUIDED BREATHING	17400403		2021-08-12		United States of America
BOSE CORPORATION	AUTOMATIC ACTIVE NOISE REDUCTION (ANR) CONTROL TO IMPROVE USER INTERACTION	17411005	11696063	2021-08-24	2023-07-04	United States of America
BOSE CORPORATION	Wearable Audio Device Zero- Crossing Based Parasitic Oscillation Detection	17412062	11589154	2021-08-25	2023-02-21	United States of America
BOSE CORPORATION	IN-EAR BIOMETRIC MONITORING USING PHOTOPLETHYSMOGRAPHY (PPG)	17420341		2020-01-06		United States of America
BOSE CORPORATION	BIOMETRIC DETECTION USING MULTIPLE SENSORS	17420359		2020-01-06		United States of America
BOSE CORPORATION	LOGIC FOR MODULATING ENTRAINMENT SEQUENCE WITH BIOFEEDBACK	17420427		2020-01-06		United States of America
BOSE CORPORATION	METHODS FOR IMPROVING WIRELESS CONNECTIONS FOR PREVIOUSLY PAIRED DEVICES	17444358		2021-08-03		United States of America
BOSE CORPORATION	PORT PLACEMENT FOR IN- EAR WEARABLE WITH	17445564	11582550	2021-08-20	2023-02-14	United States of America

	ACTIVE NOISE CANCELLATION					
BOSE CORPORATION	HEARING ASSISTANCE DEVICES AND METHODS OF GENERATING A RESONANCE WITHIN A HEARING ASSISTANCE DEVICE	17446896	12231849	2021-09-03	2025-02-18	United States of America
BOSE CORPORATION	METHODS FOR IMPROVING WIRELESS CONNECTIONS FOR PREVIOUSLY PAIRED DEVICES	17448127		2021-09-20		United States of America
BOSE CORPORATION	BROAD SPECTRUM INSTABILITY DETECTION AND MITIGATION	17460865	12051398	2021-08-30	2024-07-30	United States of America
BOSE CORPORATION	Cases for Electronic Devices	17465123	11528973	2021-09-02	2022-12-20	United States of America
BOSE CORPORATION	PORTABLE SPEAKER WITH ORIENTATION-DEPENDENT EQUALIZATION	17465813	11630637	2021-09-02	2023-04-18	United States of America
BOSE CORPORATION	Earphone Port	17467187	11638081	2021-09-04	2023-04-25	United States of America
BOSE CORPORATION	INGRESS RESISTANT PORTABLE SPEAKER	17481820	11683621	2021-09-22	2023-06-20	United States of America
BOSE CORPORATION	ADAPTIVE BEAMFORMER FOR ENHANCED FAR-FIELD SOUND PICKUP	17495120	11889261	2021-10-06	2024-01-30	United States of America
BOSE CORPORATION	EARPHONE CUSHION WITH ACOUSTIC MESH-COVERED PORT	17571736	11889253	2022-01-10	2024-01-30	United States of America
BOSE CORPORATION	IN-EAR AUDIO OUTPUT DEVICE HAVING A STABILITY BAND DESIGNED	17574744	12028670	2022-01-13	2024-07-02	United States of America

	TO MINIMIZE ACOUSTIC PORT BLOCKAGE					
BOSE CORPORATION	FLOW RELIEF FEATURES EMBEDDED IN COSMETIC SURFACE OF WEARABLES	17574793	11877110	2022-01-13	2024-01-16	United States of America
BOSE CORPORATION	OBJECT-BASED AUDIO CONVERSION	17575449	11910177	2022-01-13	2024-02-20	United States of America
BOSE CORPORATION	PORTABLE SPEAKER WITH INTEGRATED WIRELESS TRANSMITTER	17583524	11902751	2022-01-25	2024-02-13	United States of America
BOSE CORPORATION	PORTABLE SPEAKER WITH AUTOMATIC DETECTING INPUT CHANNEL	17583527	12022269	2022-01-25	2024-06-25	United States of America
BOSE CORPORATION	PORTABLE SPEAKER WITH DYNAMIC DISPLAY CHARACTERISTICS	17583529	11818524	2022-01-25	2023-11-14	United States of America
BOSE CORPORATION	Open-Ear Headphone	17587761	11856356	2022-01-28	2023-12-26	United States of America
BOSE CORPORATION	AUDIO DEVICE WITH HALL EFFECT SENSOR PROXIMITY DETECTION AND INDEPENDENT COUPLING	17588626		2022-01-31		United States of America
BOSE CORPORATION	Open-Ear Headphone	17590321	12155984	2022-02-01	2024-11-26	United States of America
BOSE CORPORATION	Open-Ear Headphone	17590509	11683631	2022-02-01	2023-06-20	United States of America
BOSE CORPORATION	BALANCED ACOUSTIC DEVICE WITH PASSIVE RADIATORS	17643908	11849297	2021-12-13	2023-12-19	United States of America
BOSE CORPORATION	Audio hub	17644022	11863951	2021-12-13	2024-01-02	United States of America

BOSE CORPORATION	SYSTEMS AND METHODS FOR DYNAMIC ADJUSTMENT OF RF AMPLIFIERS	17653004	11943690	2022-03-01	2024-03-26	United States of America
BOSE CORPORATION	AMBIENT VOLUME CONTROL IN OPEN AUDIO DEVICE	17654856	11955107	2022-03-15	2024-04-09	United States of America
BOSE CORPORATION	LOCATION-BASED SYSTEMS AND METHODS FOR INITIATING WIRELESS DEVICE ACTION	17655098	12182472	2022-03-16	2024-12-31	United States of America
BOSE CORPORATION	RAISED FEATURE ON EARBUD BODY	17662277	12047723	2022-05-06	2024-07-23	United States of America
BOSE CORPORATION	ELECTROSTATIC DISCHARGE (ESD) MITIGATION FOR IN-EAR AUDIO OUTPUT DEVICES	17662394	12082385	2022-05-06	2024-09-03	United States of America
BOSE CORPORATION	AUDIO CONTROL IN VEHICLE CABIN	17668520	11985495	2022-02-10	2024-05-14	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ADJUSTING CLARITY OF AN AUDIO OUTPUT	17677776	11935554	2022-02-22	2024-03-19	United States of America
BOSE CORPORATION	Audio System Equalizing	17677953	11990880	2022-02-22	2024-05-21	United States of America
BOSE CORPORATION	VOICE ACTIVITY DETECTION	17680559	12154585	2022-02-25	2024-11-26	United States of America
BOSE CORPORATION	OXYGEN SATURATION MONITORING SYSTEM	17707165		2022-03-29		United States of America
BOSE CORPORATION	PROXIMITY-BASED CONNECTION FOR BLUETOOTH DEVICES	17714253	11937159	2022-04-06	2024-03-19	United States of America
BOSE CORPORATION	SOUNDBAR	17735091	12126976	2022-05-02	2024-10-22	United States of America

BOSE CORPORATION	Directional Sound-Producing Device	17743250	12058492	2022-05-12	2024-08-06	United States of America
BOSE CORPORATION	COMMON MODE VOLTAGE CONTROLLER FOR SELF-BOOSTING PUSH PULL AMPLIFIER	17812532	11689167	2022-07-14	2023-06-27	United States of America
BOSE CORPORATION	INTELLIGENT SPEECH OR DIALOGUE ENHANCEMENT	17813542		2022-07-19		United States of America
BOSE CORPORATION	DYNAMIC VOICE NULLFORMER	17819177		2022-08-11		United States of America
BOSE CORPORATION	INPUT SELECTION FOR WIND NOISE REDUCTION ON WEARABLE DEVICES	17823264	12183359	2022-08-30	2024-12-31	United States of America
BOSE CORPORATION	OMNIPHOBIC COMPOSITIONS	17829884		2022-06-01		United States of America
BOSE CORPORATION	Pressure Control in Externally Ducted Loudspeakers	17831720	11661016	2022-06-03	2023-05-30	United States of America
BOSE CORPORATION	Audio system with mixed rendering audio enhancement	17835223	11895472	2022-06-08	2024-02-06	United States of America
BOSE CORPORATION	COMPUTATIONAL ARCHITECTURE FOR ACTIVE NOISE REDUCTION DEVICE	17836423	11763794	2022-06-09	2023-09-19	United States of America
BOSE CORPORATION	Active Noise Reduction Control for Non-Occluding Wearable Audio Devices	17837482	12219319	2022-06-10	2025-02-04	United States of America
BOSE CORPORATION	Earpiece Charging Case Detection	17844545	11791643	2022-06-20	2023-10-17	United States of America
BOSE CORPORATION	AUDIO SYSTEM HEIGHT CHANNEL UP-MIXING	17850293	12008998	2022-06-27	2024-06-11	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE PLACEMENT DETECTION	17858004	12212912	2022-07-05	2025-01-28	United States of America

BOSE CORPORATION	SYSTEMS AND METHODS FOR SYNCHRONIZING DEVICE CLOCKS	17868402		2022-07-19		United States of America
BOSE CORPORATION	HEARING AIDS AND RELATED DEVICES AND METHODS	17869224	12063480	2022-07-20	2024-08-13	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR SYNCHRONIZING TRANSMISSION OF WIRELESS DATA	17879734	12107669	2022-08-02	2024-10-01	United States of America
BOSE CORPORATION	HEADPHONES	17881792		2022-08-05		United States of America
BOSE CORPORATION	HEADPHONES	17881835		2022-08-05		United States of America
BOSE CORPORATION	HEADPHONES	17881964		2022-08-05		United States of America
BOSE CORPORATION	Real-Time Detection of Feedback Instability	17881982	11996078	2022-08-05	2024-05-28	United States of America
BOSE CORPORATION	GRAIN BOUNDARY DIFFUSION FOR HIGH COERCIVITY MAGNETS FOR LOUDSPEAKERS	17882002		2022-08-05		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR CONTROLLING ELECTRONIC DEVICES	17884400	11910173	2022-08-09	2024-02-20	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS INCLUDING WIRELESS DATA PACKET RETRANSMISSION SCHEMES	17889343	12057946	2022-08-16	2024-08-06	United States of America
BOSE CORPORATION	Headphone Audio Controller	17889561	11689844	2022-08-17	2023-06-27	United States of America
BOSE CORPORATION	OPEN-EAR HEADPHONE	17896380	12207038	2022-08-26	2025-01-21	United States of America

BOSE CORPORATION	Active Damping of Resonant Canal Modes	17902018		2022-09-02		United States of America
BOSE CORPORATION	HEADPHONES	17902089		2022-09-02		United States of America
BOSE CORPORATION	Adjustable Fit Hearing Aids	17917048		2021-04-06		United States of America
BOSE CORPORATION	SELF-BOOSTING AMPLIFIER	17941132	11955936	2022-09-09	2024-04-09	United States of America
BOSE CORPORATION	Environmentally Adaptive Masking Sound	17959462		2022-10-04		United States of America
BOSE CORPORATION	GAIN-ADAPTIVE ACTIVE NOISE REDUCTION (ANR) DEVICE	17959475	11785382	2022-10-04	2023-10-10	United States of America
BOSE CORPORATION	Powered line array speaker system with redundant network and power supply	17960924	11778380	2022-10-06	2023-10-03	United States of America
BOSE CORPORATION	DYNAMIC CONTROL OF MULTIPLE FEEDFORWARD MICROPHONES IN ACTIVE NOISE REDUCTION DEVICES	17962005		2022-10-07		United States of America
BOSE CORPORATION	AUDIO SYSTEM WITH ADJUSTABLY DELAYED FREQUENCIES	17969265		2022-10-18		United States of America
BOSE CORPORATION	AUDIO SYSTEMS AND METHODS FOR VOICE ACTIVITY DETECTION	17972188	11688411	2022-10-24	2023-06-27	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ASSEMBLING AN ELECTRO-ACOUSTIC TRANSDUCER INCLUDING A MINIATURE VOICE COIL	17976987		2022-10-31		United States of America
BOSE CORPORATION	UPPER SEAT POSITION TRACKING	17986007		2022-11-14		United States of America

BOSE CORPORATION	PRESSURE CONTROL IN EXTERNALLY DUCTED LOUDSPEAKERS	17988300		2022-11-16		United States of America
BOSE CORPORATION	RETAINING PIECE FOR AN EARPIECE	17990330		2022-11-18		United States of America
BOSE CORPORATION	WEARABLE DEVICE FOR VIBROTACTILE AND/OR THERMAL NERVE STIMULATION	18/266107		2021-12-06		United States of America
BOSE CORPORATION	EARPHONE CUSHION WITH COVER FIXED TO RIGID COMPONENT TO MITIGATE VIBRATION OF THE COVER	18/280034		2022-03-08		United States of America
BOSE CORPORATION	ORIENTATION SENSOR AXIAL SELF-CALIBRATION	18/465691		2023-09-12		United States of America
BOSE CORPORATION	Coordination Between Media End Devices	18/475430		2023-09-27		United States of America
BOSE CORPORATION	SEATBACK SPEAKERS	18/597,185		2024-03-06		United States of America
BOSE CORPORATION	AUDIO SYSTEM WITH PERSONAL ZONES	18/650,220		2024-04-30		United States of America
BOSE CORPORATION	HIGHLY COMPLIANT MINIATURE TRANSDUCER	18/654,405		2024-05-03		United States of America
BOSE CORPORATION	MACHINE LEARNING BASED VOICE CONTROL FOR AUDIO DEVICE	18/661,893		2024-05-13		United States of America
BOSE CORPORATION	HEADPHONE AUDIO CONTROLLER	18/675,480		2024-05-28		United States of America
BOSE CORPORATION	PORTABLE SPEAKER WITH AUTOMATIC DETECTING INPUT CHANNEL	18/676,974		2024-05-29		United States of America
BOSE CORPORATION	DIRECTIONAL SOUND-PRODUCING DEVICE	18/765,606		2024-07-08		United States of America

BOSE CORPORATION	Machine-Learning (ML) Based Road Noise Cancellation (RNC)	18/783,971		2024-07-25		United States of America
BOSE CORPORATION	Ear Microphone Signal Estimator and/or Projection Filter Generator for Road	18/783,984		2024-07-25		United States of America
	Noise Cancellation (RNC) System					
BOSE CORPORATION	EARPIECES	18/785,874		2024-07-26		United States of America
BOSE CORPORATION	Vehicle Headrest	18/891,395		2024-09-20		United States of America
BOSE CORPORATION	Amplifier Case Connector with Liquid Ingress Seal	18/895,579		2024-09-25		United States of America
BOSE CORPORATION	OPEN-EAR HEADPHONE	18/922,581		2024-10-22		United States of America
BOSE CORPORATION	Selective Hearing Experience	18/924,359		2024-10-23		United States of America
BOSE CORPORATION	In-ear Headphone with Cuff-like Form Factor	18/935,839		2024-11-04		United States of America
BOSE CORPORATION	Headphone Headband with Integral Slide Lock	18/940,945		2024-11-08		United States of America
BOSE CORPORATION	Road Noise Cancellation with Head Tracking	18/971,140		2024-12-06		United States of America
BOSE CORPORATION	Electroacoustic Transducer	18031827		2021-10-14		United States of America
BOSE CORPORATION	WEARABLE WITH EYE TRACKING	18037370		2021-11-17		United States of America
BOSE CORPORATION	Modular Acoustic Systems	18037869		2021-11-18		United States of America
BOSE CORPORATION	VIDEO TELECONFERENCING	18038163		2021-11-23		United States of America

BOSE CORPORATION	AUDIO DEVICE HAVING AWARE MODE AUTO-LEVELER	18062108		2022-12-06		United States of America
BOSE CORPORATION	ROAD NOISE-CANCELLATION SYSTEM RESPONSIVE TO ENTERTAINMENT AUDIO	18062315	11863947	2022-12-06	2024-01-02	United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION EARBUD	18073699	11838719	2022-12-02	2023-12-05	United States of America
BOSE CORPORATION	Electronic Device with Electrostatic Discharging Detent Spring	18084021		2022-12-19		United States of America
BOSE CORPORATION	Cascade Headband Mechanical Design	18084922		2022-12-20		United States of America
BOSE CORPORATION	Open Audio Device	18103019	12010478	2023-01-30	2024-06-11	United States of America
BOSE CORPORATION	Ear Tips and Related Devices and Methods	18103079	12041410	2023-01-30	2024-07-16	United States of America
BOSE CORPORATION	AUDIO-BASED NEAR FIELD COMMUNICATION	18106092		2023-02-06		United States of America
BOSE CORPORATION	PROXIMITY-BASED CONNECTION FOR BLUETOOTH DEVICES	18106662	11792868	2023-02-07	2023-10-17	United States of America
BOSE CORPORATION	SEATBACK SPEAKERS	18108041	11951889	2023-02-10	2024-04-09	United States of America
BOSE CORPORATION	Surround Sound Location Virtualization	18109512		2023-02-14		United States of America
BOSE CORPORATION	MICRO TRANSDUCER MOLDING	18109971	11877132	2023-02-15	2024-01-16	United States of America
BOSE CORPORATION	Wearable Audio Device Zero-Crossing Based Parasitic Oscillation Detection	18110665	11889257	2023-02-16	2024-01-30	United States of America

BOSE CORPORATION	Extending Antenna Earth Plane	18110679		2023-02-16		United States of America
BOSE CORPORATION	CORNERING CORRECTION FOR SPATIAL AUDIO HEAD TRACKING	18111311		2023-02-17		United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR GENERATING CUSTOMIZED AUDIO EXPERIENCES	18115332		2023-02-28		United States of America
BOSE CORPORATION	AUDIO SYNCHRONIZATION IN WIRELESS SYSTEMS	18121393		2023-03-14		United States of America
BOSE CORPORATION	Battery Adaptive Enhanced ANR Compressor	18122855		2023-03-17		United States of America
BOSE CORPORATION	WIRELESS DATA PACKET ACKNOWLEDGMENT SCHEMES	18122910		2023-03-17		United States of America
BOSE CORPORATION	HEARING AUGMENTATION AND WEARABLE SYSTEM WITH LOCALIZED FEEDBACK	18124949		2023-03-22		United States of America
BOSE CORPORATION	Wearable Device Control Module with Electrostatic Discharge (ESD) Protection	18126513		2023-03-27		United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH MODULAR COMPONENT ATTACHMENT	18133417		2023-04-11		United States of America
BOSE CORPORATION	INGRESS RESISTANT PORTABLE SPEAKER	18135312	12081928	2023-04-17	2024-09-03	United States of America
BOSE CORPORATION	Gain Adjustment in ANR System with Multiple Feedforward Microphones	18136569		2023-04-19		United States of America
BOSE CORPORATION	Open-Ear Headphone	18137007	11997442	2023-04-20	2024-05-28	United States of America

BOSE CORPORATION	AUTOMATIC GAIN CONTROL IN AN ACTIVE NOISE REDUCTION (ANR) SIGNAL FLOW PATH	18137520		2023-04-21		United States of America
BOSE CORPORATION	Instability Mitigation in an Active Noise Reduction (ANR) System Having a Hear-Through Mode	18137533	12087266	2023-04-21	2024-09-10	United States of America
BOSE CORPORATION	Open-Ear Headphone	18142268	12155988	2023-05-02	2024-11-26	United States of America
BOSE CORPORATION	Audio Limiter	18143748		2023-05-05		United States of America
BOSE CORPORATION	WEARABLE ACTIVE NOISE REDUCTION (ANR) DEVICE HAVING LOW FREQUENCY FEEDBACK LOOP MODULATION	18149834	11875768	2023-01-04	2024-01-16	United States of America
BOSE CORPORATION	LATENCY-BASED PRIMARY BUD ROLE SWAP	18152565		2023-01-10		United States of America
BOSE CORPORATION	Cascade FW Update Process	18157474		2023-01-20		United States of America
BOSE CORPORATION	Managing Characteristics of Active Noise Reduction	18165468	12136409	2023-02-07	2024-11-05	United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR SOUND SOURCE VIRTUALIZATION	18173606		2023-02-23		United States of America
BOSE CORPORATION	SPATIALIZED AUDIO WITH DYNAMIC HEAD TRACKING	18182290		2023-03-10		United States of America
BOSE CORPORATION	ROBUST RETRANSMISSION TOPOLOGIES USING ERROR CORRECTION	18184417		2023-03-15		United States of America
BOSE CORPORATION	AUDIO LIMITER	18184945		2023-03-16		United States of America

BOSE CORPORATION	Headphone Audio Controller	18195645	12028675	2023-05-10	2024-07-20	United States of America
BOSE CORPORATION	Voice Sensing using Multiple Microphones	18200933		2023-05-23		United States of America
BOSE CORPORATION	SENSOR MANAGEMENT FOR WIRELESS DEVICES	18206418		2023-06-06		United States of America
BOSE CORPORATION	RETAINING PIECE FOR AN EARPIECE	18207816		2023-06-09		United States of America
BOSE CORPORATION	LATENCY NEGOTIATION IN A HETEROGENEOUS NETWORK OF SYNCHRONIZED SPEAKERS	18209127	12120376	2023-06-13	2024-10-15	United States of America
BOSE CORPORATION	Wireless Audio Synchronization	18209283		2023-06-13		United States of America
BOSE CORPORATION	Vehicle Headrest	18214639	12122279	2023-06-27	2024-10-22	United States of America
BOSE CORPORATION	ROBUST BROADCAST VIA RELAYED RETRANSMISSION	18218079		2023-07-04		United States of America
BOSE CORPORATION	AUTOMATIC ACTIVE NOISE REDUCTION (ANR) CONTROL TO IMPROVE USER INTERACTION	18218095	12149881	2023-07-04	2024-11-19	United States of America
BOSE CORPORATION	SYSTEM WITH SPEAKER, TRANSCIEVER AND RELATED DEVICES AND METHODS	18223328		2023-07-18		United States of America
BOSE CORPORATION	MULTI-STAGE BODY ENGAGEMENT DETECTION	18234162		2023-08-15		United States of America
BOSE CORPORATION	Utilization of Content Meta-Data to Determine Audio Spatialization Parameters	18238668		2023-08-28		United States of America
BOSE CORPORATION	Open-Ear Headphone	18241293	12225341	2023-09-01	2025-02-11	United States of America

BOSE CORPORATION	Wind Noise Reduction	18243762		2023-09-08		United States of America
BOSE CORPORATION	Quiet and Noisy Condition Handling	18243772		2023-09-08		United States of America
BOSE CORPORATION	ACOUSTIC HEADREST WITH ADJUSTABLE SURFACE	18267662		2020-12-23		United States of America
BOSE CORPORATION	AUDIO DEVICE WITH ELECTROSTATIC DISCHARGE PROTECTION	18284588		2022-04-01		United States of America
BOSE CORPORATION	ACOUSTIC NOISE REDUCTION AUDIO SYSTEM HAVING TAP CONTROL	18298744		2023-04-11		United States of America
BOSE CORPORATION	SYNCHRONIZATION OF INSTABILITY MITIGATION IN AUDIO DEVICES	18307515		2023-04-26		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR PROVIDING AUGMENTED AUDIO	18323879		2023-05-25		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR PROVIDING AUGMENTED AUDIO	18325352	11968517	2023-05-30	2024-04-23	United States of America
BOSE CORPORATION	Multiplexing Application Channels on Isochronous Streams	18330720		2023-06-07		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR PROVIDING AUGMENTED AUDIO	18333940		2023-06-13		United States of America
BOSE CORPORATION	AMBIENT NOISE MANAGEMENT TO FACILITATE USER AWARENESS AND INTERACTION	18356976		2023-07-21		United States of America

BOSE CORPORATION	OPERATING STATE DETECTION USING PULSED ACOUSTIC SIGNALS	18364040		2023-08-02		United States of America
BOSE CORPORATION	IN-EAR EARPIECE RETAINING STRUCTURE	18368312	12238471	2023-09-14	2025-02-25	United States of America
BOSE CORPORATION	ELECTRONIC DEVICE WITH INTERNAL LIGHT CURING	18370965		2023-09-21		United States of America
BOSE CORPORATION	Adaptively Enabled Tap Control	18371144		2023-09-21		United States of America
BOSE CORPORATION	Audio User Interface	18376592		2023-10-04		United States of America
BOSE CORPORATION	HEADREST SPEAKER WITH OVER-MOLDED ACOUSTIC CHANNEL	18381714		2023-10-19		United States of America
BOSE CORPORATION	Acoustic Driver with Liquid Silicone Rubber (LSR) Surround	18383117		2023-10-24		United States of America
BOSE CORPORATION	PORTABLE SPEAKER WITH INTEGRATED WIRELESS TRANSMITTER	18383555		2023-10-25		United States of America
BOSE CORPORATION	IN-EAR WEARABLE AUDIO DEVICES WITH FUNCTIONAL GRADING AND/OR EMBEDDED ELECTRONICS	18385074		2023-10-30		United States of America
BOSE CORPORATION	Dynamic Portable Speaker Grouping via Accessory	18385997		2023-11-01		United States of America
BOSE CORPORATION	ACTIVE NOISE REDUCTION EARBUD	18386125		2023-11-01		United States of America
BOSE CORPORATION	Remote Dial for Speaker Control and Content Browsing	18387144		2023-11-06		United States of America
BOSE CORPORATION	Open-Ear Headphone	18389265		2023-11-14		United States of America
BOSE CORPORATION	Acoustic Path Testing	18389413		2023-11-14		United States of America

BOSE CORPORATION	EARPIECE PASSIVE NOISE ATTENUATING	18390028		2023-12-20		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR PROVIDING AUGMENTED ULTRASONIC AUDIO	18397584		2023-12-27		United States of America
BOSE CORPORATION	Automotive Perimeter Audio System with Ultrasonics	18397617		2023-12-27		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ADJUSTING HARMONIC CANCELLATION	18405291		2024-01-05		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR CONTROLLING AUDIO DEVICES	18405463		2024-01-05		United States of America
BOSE CORPORATION	AUDIO DEVICE WITH ACCESSORY COUPLER	18407980		2024-01-09		United States of America
BOSE CORPORATION	SPATIALIZED AUDIO RELATIVE TO A PERIPHERAL DEVICE	18408051		2024-01-09		United States of America
BOSE CORPORATION	AUDIO DEVICE	18417097		2024-01-19		United States of America
BOSE CORPORATION	LE Audio Broadcast Intercom	18422269		2024-01-25		United States of America
BOSE CORPORATION	REDUCING OCCCLUSION EFFECT IN WEARABLE AUDIO DEVICES	18435156		2024-02-07		United States of America
BOSE CORPORATION	PROXIMITY-BASED CONNECTION FOR BLUETOOTH DEVICES	18442155		2024-02-15		United States of America
BOSE CORPORATION	COMPUTATIONAL ARCHITECTURE FOR ACTIVE NOISE REDUCTION DEVICE	18451457	12148413	2023-08-17	2024-11-19	United States of America

BOSE CORPORATION	ACCESSORY DEVICE FOR MANAGING MULTIPLE POWER SOURCES	18454138		2023-08-23		United States of America
BOSE CORPORATION	SOURCE SEPARATION BASED SPEECH ENHANCEMENT	18457891		2023-08-29		United States of America
BOSE CORPORATION	Head Geometry Estimation Using Microphones on a Wearable Device	18470101		2023-09-19		United States of America
BOSE CORPORATION	On-head Detection for Around-the-Ear Wearables	18495253		2023-10-26		United States of America
BOSE CORPORATION	Method for Enhanced Binaural Externalization in Mixed Rendering Configurations	18522724		2023-11-29		United States of America
BOSE CORPORATION	WEARABLE ACTIVE NOISE REDUCTION (ANR) DEVICE HAVING LOW FREQUENCY FEEDBACK LOOP MODULATION	18527736		2023-12-04		United States of America
BOSE CORPORATION	AI Acoustic Feedback Suppression	18530669	12022268	2023-12-06	2024-06-25	United States of America
BOSE CORPORATION	Acoustic Assembly Detection in Hearing Aid	18537981		2023-12-13		United States of America
BOSE CORPORATION	AUDIO DEVICE WITH HIDDEN CONNECTION POINT	18541359		2023-12-15		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR PREVENTING TEMPORAL OVERLAP BETWEEN DATA PACKETS OF BROADCAST STREAMS	18542010		2023-12-15		United States of America

BOSE CORPORATION	RECOVERY OF VOICE AUDIO QUALITY USING A DEEP LEARNING MODEL	18554027		2022-04-22		United States of America
BOSE CORPORATION	WEARABLE HEARING ASSIST DEVICE WITH SOUND PRESSURE LEVEL SHIFTING	18562879		2022-04-29		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ADJUSTING CLARITY OF AN AUDIO OUTPUT	18582177		2024-02-20		United States of America
BOSE CORPORATION	METHODS AND SYSTEMS FOR MANAGING SIMULTANEOUS DATA STREAMS	18587340		2024-02-26		United States of America
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BOSE CORPORATION	Earpieces with Capacitive Touch Interfaces	18589365		2024-02-27		United States of America
BOSE CORPORATION	Earpieces	18589374		2024-02-27		United States of America
BOSE CORPORATION	IN-EAR EARPIECE RETAINING PIECE	18589380		2024-02-27		United States of America
BOSE CORPORATION	AMBIENT VOLUME CONTROL IN OPEN AUDIO DEVICE	18590513		2024-02-28		United States of America
BOSE CORPORATION	PORTABLE SPEAKER WITH ORIENTATION-DEPENDENT EQUALIZATION	18593447		2022-08-02		United States of America
BOSE CORPORATION	PORTABLE SPEAKER GROUPING WITH CONTROL FEATURE	18605906		2024-03-15		United States of America

BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH FEEDBACK	18608019		2024-03-18	United States of America
BOSE CORPORATION	INSTABILITY CONTROL				
BOSE CORPORATION	METHODS AND SYSTEMS FOR DETERMINING POSITION AND ORIENTATION OF A DEVICE USING LIGHT BEACONS	18633689		2024-04-12	United States of America
BOSE CORPORATION	RAISED FEATURE ON EARBUD BODY	18639281		2024-04-18	United States of America
BOSE CORPORATION	Open-Ear Headphone	18640588		2024-04-19	United States of America
BOSE CORPORATION	AUTOMATIC SENSOR ORIENTATION CALIBRATION	18649511		2024-04-29	United States of America
BOSE CORPORATION	Audio System Equalizing	18662592		2024-05-13	United States of America
BOSE CORPORATION	Open Audio Device	18663645		2024-05-14	United States of America
BOSE CORPORATION	WEARABLE DEVICE WITH SPEECH ENHANCEMENT	18665439		2024-05-15	United States of America
BOSE CORPORATION	ARTIFICIAL INTELLIGENCE (AI) ACOUSTIC FEEDBACK SUPPRESSION	18668546		2024-05-20	United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE WITH EXTENDED STANDBY POWER STATE	18670849		2024-05-22	United States of America
BOSE CORPORATION	WEARABLE DEVICE WITH ENHANCED NOISE SUPPRESSION	18673192		2024-05-23	United States of America
BOSE CORPORATION	Automatic Volume Leveling	18674041		2024-05-24	United States of America
BOSE CORPORATION	RAISED FEATURE ON EARBUD BODY	18674812		2024-05-24	United States of America

BOSE CORPORATION	PORTABLE SPEAKER WITH AUDIO MONITOR	18678022		2024-05-30		United States of America
BOSE CORPORATION	PERSONALIZED NEARBY VOICE DETECTION SYSTEM	18678925		2024-05-30		United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE HAVING WHISPER VOICE INPUT	18679057		2024-05-30		United States of America
BOSE CORPORATION	COORDINATION BETWEEN MEDIA END DEVICES	18723040		2022-12-16		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR ADAPTING AUDIO CAPTURED BY BEHIND-THE-EAR MICROPHONES	18728742		2023-01-12		United States of America
BOSE CORPORATION	IN-EAR WEARABLE WITH HIGH LATENCY BAND LIMITING	18728754		2023-01-12		United States of America
BOSE CORPORATION	MULTI-MODAL AUDIO AMPLIFIER AND RELATED SYSTEM	18731838		2024-06-03		United States of America
BOSE CORPORATION	Immersion and Orchestration of Speakers Using Proximity-based Technology	18731937		2024-06-03		United States of America
BOSE CORPORATION	Audio User Interface	18741366		2024-06-12		United States of America
BOSE CORPORATION	BROAD SPECTRUM INSTABILITY DETECTION AND MITIGATION	18744448		2024-06-14		United States of America
BOSE CORPORATION	PAIRING A TARGET DEVICE WITH A SOURCE DEVICE AND PAIRING THE TARGET DEVICE WITH A PARTNER DEVICE	18752599		2024-06-24		United States of America

BOSE CORPORATION	Ear Tips and Related Devices and Methods	18758589		2024-06-28		United States of America
BOSE CORPORATION	WEARABLE DEVICE WITH BLOCKED SENSOR DETECTION	18764040		2024-07-03		United States of America
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BOSE CORPORATION	WEARABLE DEVICE WITH INTERNAL SENSOR PHASE RECONSTRUCTION	18773857		2024-07-16		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS INCLUDING WIRELESS DATA PACKET RETRANSMISSION SCHEMES	18774133		2024-07-16		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR BROADCASTING AUDIO	18777128		2024-07-18		United States of America
BOSE CORPORATION	INGRESS RESISTANT PORTABLE SPEAKER	18791810		2024-08-01		United States of America
BOSE CORPORATION	ELECTROSTATIC DISCHARGE (ESD) MITIGATION FOR IN-EAR AUDIO OUTPUT DEVICES	18806553		2024-08-15		United States of America
BOSE CORPORATION	SYSTEMS AND METHODS FOR SYNCHRONIZING TRANSMISSION OF WIRELESS DATA	18817495		2024-08-28		United States of America
BOSE CORPORATION	Instability Mitigation in an Active Noise Reduction (ANR) System Having a Hear-Through Mode	18828112		2024-09-09		United States of America
BOSE CORPORATION	COMPRESSIVE HEAR-THROUGH IN PERSONAL ACOUSTIC DEVICES	18892969		2024-09-23		United States of America

BOSE CORPORATION	SOUNDBAR	18897228		2024-09-26		United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE AND REMOVABLE COVER PLATE	18912953		2024-10-11		United States of America
BOSE CORPORATION	Managing Characteristics of Active Noise Reduction	18915676		2024-10-15		United States of America
BOSE CORPORATION	COMPUTATIONAL ARCHITECTURE FOR ACTIVE NOISE REDUCTION DEVICE	18917266		2024-10-16		United States of America
BOSE CORPORATION	AUTOMATIC ACTIVE NOISE REDUCTION (ANR) CONTROL TO IMPROVE USER INTERACTION	18925274		2024-10-24		United States of America
BOSE CORPORATION	Using capacitive sensing technology to sense and debounce a mechanical button	18929855		2024-10-29		United States of America
BOSE CORPORATION	CASE FOR AN ELECTRONIC DEVICE INCLUDING AN ACCESSORY AFFORDANCE	18938155		2024-11-05		United States of America
BOSE CORPORATION	LOCATION-BASED SYSTEMS AND METHODS FOR INITIATING WIRELESS DEVICE ACTION	18947513		2024-11-14		United States of America
BOSE CORPORATION	Use of a second capacitive sensor as a reference for temperature compensation	18948837		2024-11-15		United States of America
BOSE CORPORATION	Headphone Headband with Integral Yoke Pivot	18953571		2024-11-20		United States of America
BOSE CORPORATION	Smart Phone Mic Compensation	18957016		2024-11-22		United States of America
BOSE CORPORATION	Impulse Detection	18962221		2024-11-27		United States of America

BOSE CORPORATION	INPUT SELECTION FOR WIND NOISE REDUCTION ON WEARABLE DEVICES	18970409		2024-12-05		United States of America
BOSE CORPORATION	HEADPHONE HEADBAND WITH INTEGRAL HINGE	18973367		2024-12-09		United States of America
BOSE CORPORATION	Adaptive ANR noise floor for wearable audio devices	18983872		2024-12-17		United States of America
BOSE CORPORATION	Adaptive Implementation of Nagini Aware/Audio	18984345		2024-12-17		United States of America
BOSE CORPORATION	WEARABLE AUDIO DEVICE PLACEMENT DETECTION	18988132		2024-12-19		United States of America
BOSE CORPORATION	IN-EAR EARPIECE RETAINING STRUCTURE	18989879		2024-12-20		United States of America
BOSE CORPORATION	OPEN-EAR HEADPHONE	18990030		2024-12-20		United States of America
BOSE CORPORATION	Active Noise Reduction Control for Non-Occluding Wearable Audio Devices	18999055		2024-12-23		United States of America
BOSE CORPORATION	Audio Device with Machine Learning (ML) Based Content Detection	19/027,307		2025-01-17		United States of America
BOSE CORPORATION	Visual Noise Indicator and Feedback	19/034,930		2025-01-23		United States of America
BOSE CORPORATION	Noise Cancellation (NC) in Vehicle with Optical Tracking	19/044,811		2025-02-04		United States of America
BOSE CORPORATION	Ear Microphone Signal Estimator and/or Projection Filter Generator for Road	19/045,650		2025-02-05		United States of America
BOSE CORPORATION	Noise Cancellation (RNC) System					
BOSE CORPORATION	Open-Ear Headphone	19013097		2025-01-08		United States of America

BOSE CORPORATION	AUTOMATIC GAIN CONTROL IN AN ACTIVE NOISE REDUCTION (ANR) SIGNAL FLOW PATH	19014384		2025-01-09		United States of America
BOSE CORPORATION	HEARING AUGMENTATION AND WEARABLE SYSTEM WITH LOCALIZED FEEDBACK	19043413		2025-02-01		United States of America
BOSE CORPORATION	Real-Time Detection of Feedback Instability	19101407		2023-08-03		United States of America
BOSE CORPORATION	INTERACTIVE SOUND REPRODUCING	95/001260		2009-12-04	2016-05-11	United States of America
BOSE CORPORATION	AUDIO PLAYLIST GENERATION	63657653		2024-06-07		United States of America
BOSE CORPORATION	Synthesizing Bone Conducted Speech	63660005		2024-06-14		United States of America
BOSE CORPORATION	Adaptive Audio Active Noise Reduction (Commute Mode)	63685381		2024-08-21		United States of America
BOSE CORPORATION	SELECTIVE AUDIO SIGNAL ENHANCEMENT BASED ON AUDIO AND VISUAL INFORMATION	63708571		2024-10-17		United States of America
BOSE CORPORATION	Audio Content Zones in a Vehicle Dependent on Occupant Characteristics	63742131		2025-01-06		United States of America
BOSE CORPORATION	Immersive Processing for Binaural Audio	63745746		2025-01-15		United States of America
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PATENT

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