

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3023814

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AGILENT TECHNOLOGIES, INC.	08/01/2014

RECEIVING PARTY DATA

Name:	KEYSIGHT TECHNOLOGIES, INC.
Street Address:	1400 FOUNTAINGROVE PARKWAY
City:	SANTA ROSA
State/Country:	CALIFORNIA
Postal Code:	95403-1738

PROPERTY NUMBERS Total: 840

Property Type	Number
Application Number:	09675772
Application Number:	09738662
Application Number:	09605579
Application Number:	09912351
Application Number:	10035110
Application Number:	10447831
Application Number:	10077550
Application Number:	09796180
Application Number:	10141719
Application Number:	10000603
Application Number:	09796299
Application Number:	09994446
Application Number:	09819101
Application Number:	10022407
Application Number:	09772805
Application Number:	09798320
Application Number:	09829453
Application Number:	10162752
Application Number:	10021784
Application Number:	09809702
Application Number:	09796159

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Property Type	Number
Application Number:	10084702
Application Number:	09922065
Application Number:	09933606
Application Number:	09887992
Application Number:	09919155
Application Number:	09838912
Application Number:	09801031
Application Number:	09933622
Application Number:	10864022
Application Number:	10864239
Application Number:	10001436
Application Number:	09876531
Application Number:	09954962
Application Number:	09954940
Application Number:	09982472
Application Number:	10023012
Application Number:	10060181
Application Number:	10037690
Application Number:	10136553
Application Number:	10078883
Application Number:	09944992
Application Number:	10003798
Application Number:	10212908
Application Number:	10124797
Application Number:	10135918
Application Number:	10010175
Application Number:	10020673
Application Number:	10151674
Application Number:	10001581
Application Number:	10056876
Application Number:	10278339
Application Number:	09974627
Application Number:	10200867
Application Number:	10078817
Application Number:	10052673
Application Number:	10283566
Application Number:	10192260
Application Number:	10210588
Application Number:	10061504

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REEL. 033746 FRAME. 0715

Property Type	Number
Application Number:	10061138
Application Number:	10173866
Application Number:	10127744
Application Number:	10322986
Application Number:	10219641
Application Number:	10306940
Application Number:	10126002
Application Number:	10418806
Application Number:	10209018
Application Number:	10374259
Application Number:	10374249
Application Number:	10284805
Application Number:	10354400
Application Number:	10358369
Application Number:	10427578
Application Number:	10366429
Application Number:	10354281
Application Number:	10285058
Application Number:	10738145
Application Number:	10367342
Application Number:	10284890
Application Number:	10337748
Application Number:	10294317
Application Number:	10411806
Application Number:	10320934
Application Number:	10750518
Application Number:	10407671
Application Number:	10814472
Application Number:	10454290
Application Number:	10405533
Application Number:	10461531
Application Number:	10636098
Application Number:	11291671
Application Number:	10354598
Application Number:	10638768
Application Number:	10670649
Application Number:	10634358
Application Number:	10680329
Application Number:	10744810

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REEL. 033746 FRAME. 0716

Property Type	Number
Application Number:	10712706
Application Number:	10739588
Application Number:	10882456
Application Number:	10826116
Application Number:	11221620
Application Number:	10718066
Application Number:	10631703
Application Number:	10684101
Application Number:	11257670
Application Number:	10633225
Application Number:	10664400
Application Number:	10718124
Application Number:	10783645
Application Number:	10668851
Application Number:	10775960
Application Number:	10537031
Application Number:	11034990
Application Number:	10876048
Application Number:	10759715
Application Number:	10844469
Application Number:	10681811
Application Number:	10737432
Application Number:	10857419
Application Number:	10692188
Application Number:	10677995
Application Number:	10883100
Application Number:	10846301
Application Number:	10817660
Application Number:	11356514
Application Number:	10825034
Application Number:	10854104
Application Number:	10923460
Application Number:	10782051
Application Number:	10734990
Application Number:	11492285
Application Number:	10836178
Application Number:	10880038
Application Number:	11170365
Application Number:	10736090

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REEL. 033746 FRAME. 0717

Property Type	Number
Application Number:	10857134
Application Number:	11768217
Application Number:	10858765
Application Number:	10979590
Application Number:	11581203
Application Number:	10783199
Application Number:	08351396
Application Number:	10856204
Application Number:	11668366
Application Number:	10917869
Application Number:	10967973
Application Number:	11419003
Application Number:	10967824
Application Number:	10967772
Application Number:	10997583
Application Number:	11120698
Application Number:	10996579
Application Number:	11317294
Application Number:	11140214
Application Number:	11038345
Application Number:	10972829
Application Number:	11112457
Application Number:	10952311
Application Number:	10996113
Application Number:	10925776
Application Number:	10939670
Application Number:	10978100
Application Number:	10941494
Application Number:	10977833
Application Number:	11049474
Application Number:	11344815
Application Number:	11114314
Application Number:	11344880
Application Number:	11345444
Application Number:	11344610
Application Number:	11118949
Application Number:	11151854
Application Number:	11274213
Application Number:	11229479

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Property Type	Number
Application Number:	10977905
Application Number:	10973297
Application Number:	11007359
Application Number:	11465577
Application Number:	10973206
Application Number:	11344882
Application Number:	11117811
Application Number:	10939922
Application Number:	10939838
Application Number:	11071670
Application Number:	11022252
Application Number:	11142423
Application Number:	10939867
Application Number:	11753508
Application Number:	11186059
Application Number:	11028032
Application Number:	10972822
Application Number:	11093456
Application Number:	11047070
Application Number:	11059007
Application Number:	11127961
Application Number:	11098695
Application Number:	11086523
Application Number:	11546791
Application Number:	11138508
Application Number:	11129522
Application Number:	11090383
Application Number:	11210598
Application Number:	11742312
Application Number:	11035651
Application Number:	11076812
Application Number:	11037939
Application Number:	11315406
Application Number:	11139853
Application Number:	11342990
Application Number:	11199787
Application Number:	11191434
Application Number:	11199786
Application Number:	11079702

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Property Type	Number
Application Number:	11127852
Application Number:	11298246
Application Number:	11688582
Application Number:	11588502
Application Number:	11304170
Application Number:	11365578
Application Number:	11471120
Application Number:	11248405
Application Number:	11238452
Application Number:	11417753
Application Number:	11356504
Application Number:	11581876
Application Number:	11444991
Application Number:	11831593
Application Number:	11292477
Application Number:	11292472
Application Number:	11259507
Application Number:	11384928
Application Number:	11286817
Application Number:	11374777
Application Number:	11348575
Application Number:	11757206
Application Number:	11363851
Application Number:	11536501
Application Number:	11428176
Application Number:	11461205
Application Number:	11553702
Application Number:	11677710
Application Number:	11407644
Application Number:	11291949
Application Number:	11344782
Application Number:	11458000
Application Number:	11347631
Application Number:	11737682
Application Number:	11375805
Application Number:	11374502
Application Number:	11686270
Application Number:	11397082
Application Number:	11397141

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Property Type	Number
Application Number:	11339007
Application Number:	08190948
Application Number:	08427353
Application Number:	08717767
Application Number:	11580658
Application Number:	11738317
Application Number:	11937362
Application Number:	11552896
Application Number:	11551569
Application Number:	11680610
Application Number:	11533153
Application Number:	08710191
Application Number:	09228226
Application Number:	08722344
Application Number:	11421426
Application Number:	11407515
Application Number:	11953269
Application Number:	11846229
Application Number:	08388068
Application Number:	08399968
Application Number:	08653200
Application Number:	08874440
Application Number:	08485497
Application Number:	08805030
Application Number:	08399969
Application Number:	08524054
Application Number:	08551836
Application Number:	08729395
Application Number:	09100049
Application Number:	09273634
Application Number:	09882465
Application Number:	10205778
Application Number:	10697841
Application Number:	11152827
Application Number:	11428649
Application Number:	11757445
Application Number:	11415664
Application Number:	11550860
Application Number:	11784045

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REEL. 033746 FRAME. 0721

Property Type	Number
Application Number:	11904416
Application Number:	11550761
Application Number:	11686855
Application Number:	11930439
Application Number:	11529852
Application Number:	11464363
Application Number:	11553947
Application Number:	11941680
Application Number:	11926142
Application Number:	11771540
Application Number:	11555135
Application Number:	11742489
Application Number:	11555220
Application Number:	11873414
Application Number:	11692128
Application Number:	11844254
Application Number:	11762767
Application Number:	11747007
Application Number:	11897782
Application Number:	11846746
Application Number:	11692071
Application Number:	11847239
Application Number:	12336548
Application Number:	12139521
Application Number:	11962665
Application Number:	11778813
Application Number:	12101078
Application Number:	11738051
Application Number:	11904831
Application Number:	12015932
Application Number:	11888036
Application Number:	11862189
Application Number:	12015251
Application Number:	11962574
Application Number:	11962607
Application Number:	11931622
Application Number:	11744848
Application Number:	11933316
Application Number:	11862862

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REEL. 033746 FRAME. 0722

Property Type	Number
Application Number:	11940296
Application Number:	11952175
Application Number:	12023023
Application Number:	11933328
Application Number:	11926140
Application Number:	11848114
Application Number:	11952276
Application Number:	11740656
Application Number:	11836777
Application Number:	12004442
Application Number:	11864192
Application Number:	11888230
Application Number:	11864235
Application Number:	11864284
Application Number:	12115100
Application Number:	12127507
Application Number:	12172810
Application Number:	12336553
Application Number:	12180171
Application Number:	12054258
Application Number:	11873429
Application Number:	12058243
Application Number:	12038645
Application Number:	12113196
Application Number:	12111081
Application Number:	08003344
Application Number:	08047969
Application Number:	08210656
Application Number:	08006878
Application Number:	07981665
Application Number:	08308236
Application Number:	08322899
Application Number:	08595886
Application Number:	08327088
Application Number:	08249583
Application Number:	08132987
Application Number:	08388765
Application Number:	08333013
Application Number:	08164336

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Property Type	Number
Application Number:	08246524
Application Number:	08271811
Application Number:	08548067
Application Number:	08139362
Application Number:	08397594
Application Number:	08242484
Application Number:	08360508
Application Number:	08261566
Application Number:	08327087
Application Number:	08378224
Application Number:	08419794
Application Number:	08384909
Application Number:	08940847
Application Number:	08643134
Application Number:	08379416
Application Number:	08370076
Application Number:	08315281
Application Number:	08383803
Application Number:	08521161
Application Number:	08315641
Application Number:	08316970
Application Number:	08316984
Application Number:	08369823
Application Number:	08360507
Application Number:	08441563
Application Number:	08909146
Application Number:	08408364
Application Number:	08508731
Application Number:	08520198
Application Number:	08440204
Application Number:	08423236
Application Number:	08622650
Application Number:	08857427
Application Number:	08556890
Application Number:	08521617
Application Number:	08733290
Application Number:	08576024
Application Number:	08581118
Application Number:	08570033

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REEL. 033746 FRAME. 0724

Property Type	Number
Application Number:	08570035
Application Number:	08593955
Application Number:	08585057
Application Number:	08631098
Application Number:	08631522
Application Number:	08691062
Application Number:	08604230
Application Number:	08604231
Application Number:	08657987
Application Number:	08818209
Application Number:	09387204
Application Number:	08745976
Application Number:	08708142
Application Number:	08811090
Application Number:	09156850
Application Number:	08681564
Application Number:	08688978
Application Number:	08815777
Application Number:	09231048
Application Number:	08863994
Application Number:	08863659
Application Number:	08854429
Application Number:	08746357
Application Number:	08910184
Application Number:	08901490
Application Number:	08795443
Application Number:	08819893
Application Number:	08977315
Application Number:	08976795
Application Number:	08796834
Application Number:	08795220
Application Number:	08873784
Application Number:	08944379
Application Number:	08997148
Application Number:	09386614
Application Number:	08873494
Application Number:	09034144
Application Number:	09281865
Application Number:	08993617

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REEL. 033746 FRAME. 0725

Property Type	Number
Application Number:	09023841
Application Number:	09032687
Application Number:	09086805
Application Number:	09151017
Application Number:	09120402
Application Number:	09162609
Application Number:	09410177
Application Number:	09067709
Application Number:	09056149
Application Number:	09118951
Application Number:	09193296
Application Number:	09182252
Application Number:	09172525
Application Number:	09136877
Application Number:	09219657
Application Number:	09316171
Application Number:	09480041
Application Number:	09289295
Application Number:	09337045
Application Number:	09299705
Application Number:	09992224
Application Number:	09249600
Application Number:	09469192
Application Number:	09607677
Application Number:	09322505
Application Number:	09579277
Application Number:	09383065
Application Number:	09306339
Application Number:	10001058
Application Number:	09393148
Application Number:	09534188
Application Number:	09413731
Application Number:	09493516
Application Number:	09880540
Application Number:	07919478
Application Number:	08887828
Application Number:	08442715
Application Number:	07963303
Application Number:	08526796

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REEL. 033746 FRAME. 0726

Property Type	Number
Application Number:	09910382
Application Number:	10159312
Application Number:	10500596
Application Number:	10074135
Application Number:	10011108
Application Number:	09834830
Application Number:	10237390
Application Number:	10139159
Application Number:	10504814
Application Number:	10446214
Application Number:	10464185
Application Number:	10557104
Application Number:	11897847
Application Number:	11268103
Application Number:	11395384
Application Number:	12011089
Application Number:	12004213
Application Number:	12326020
Application Number:	12325708
Application Number:	12206637
Application Number:	12126296
Application Number:	12114696
Application Number:	12263852
Application Number:	12121149
Application Number:	12648066
Application Number:	12697183
Application Number:	12142114
Application Number:	12241374
Application Number:	12323477
Application Number:	12140941
Application Number:	12172640
Application Number:	12113033
Application Number:	12277158
Application Number:	12413721
Application Number:	12339234
Application Number:	12423219
Application Number:	12512025
Application Number:	12264773
Application Number:	12486921

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Property Type	Number
Application Number:	12264219
Application Number:	12324042
Application Number:	12204823
Application Number:	12749833
Application Number:	12208432
Application Number:	12022072
Application Number:	12390322
Application Number:	09875280
Application Number:	10165053
Application Number:	11757076
Application Number:	10409656
Application Number:	11609523
Application Number:	12472406
Application Number:	12533938
Application Number:	12614069
Application Number:	12362592
Application Number:	12492958
Application Number:	12495770
Application Number:	12432959
Application Number:	12495300
Application Number:	12410006
Application Number:	12363521
Application Number:	12407535
Application Number:	12539760
Application Number:	12470559
Application Number:	12415139
Application Number:	13257243
Application Number:	12512029
Application Number:	12533331
Application Number:	12710312
Application Number:	12693490
Application Number:	12471762
Application Number:	12497503
Application Number:	12489117
Application Number:	12566940
Application Number:	12643138
Application Number:	12689332
Application Number:	12645563
Application Number:	08720243

PATENT

REEL. 033746 FRAME. 0726

Property Type	Number
Application Number:	08783416
Application Number:	10931059
Application Number:	11193141
Application Number:	12614872
Application Number:	12565124
Application Number:	12710595
Application Number:	12789693
Application Number:	11291856
Application Number:	11404184
Application Number:	11948439
Application Number:	11839101
Application Number:	11839312
Application Number:	12770622
Application Number:	12847057
Application Number:	10907525
Application Number:	10908397
Application Number:	11277148
Application Number:	11160227
Application Number:	11751619
Application Number:	11848226
Application Number:	12717901
Application Number:	12718940
Application Number:	12717919
Application Number:	13193950
Application Number:	12830645
Application Number:	12951251
Application Number:	12879369
Application Number:	12787736
Application Number:	12883224
Application Number:	12891996
Application Number:	12869855
Application Number:	12890894
Application Number:	12910263
Application Number:	12910277
Application Number:	12913231
Application Number:	12912042
Application Number:	14011670
Application Number:	13006389
Application Number:	12944912

PATENT

REEL. 033746 FRAME. 0729

Property Type	Number
Application Number:	13994939
Application Number:	12977189
Application Number:	12972791
Application Number:	14008495
Application Number:	13013743
Application Number:	14001588
Application Number:	13036917
Application Number:	13117238
Application Number:	13071589
Application Number:	13028457
Application Number:	13017130
Application Number:	13091478
Application Number:	13097491
Application Number:	13171825
Application Number:	13469571
Application Number:	13097882
Application Number:	13170346
Application Number:	13283116
Application Number:	13110129
Application Number:	13170402
Application Number:	13193024
Application Number:	13247568
Application Number:	13758710
Application Number:	14342221
Application Number:	13283084
Application Number:	13249890
Application Number:	10713717
Application Number:	13211162
Application Number:	13191892
Application Number:	13245176
Application Number:	13563714
Application Number:	13283756
Application Number:	13249654
Application Number:	13249836
Application Number:	13251507
Application Number:	13285077
Application Number:	13247482
Application Number:	13736388
Application Number:	13306019

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REEL. 033746 FRAME. 0730

Property Type	Number
Application Number:	13716322
Application Number:	13335998
Application Number:	13307311
Application Number:	13847992
Application Number:	13362639
Application Number:	13712262
Application Number:	13688398
Application Number:	13410154
Application Number:	13408939
Application Number:	13405581
Application Number:	13429626
Application Number:	13433173
Application Number:	13870353
Application Number:	13685842
Application Number:	13397338
Application Number:	13484856
Application Number:	13627854
Application Number:	13869221
Application Number:	13480007
Application Number:	13491071
Application Number:	13537502
Application Number:	13907713
Application Number:	13599166
Application Number:	13947210
Application Number:	13606215
Application Number:	12276305
Application Number:	13601705
Application Number:	13600112
Application Number:	13595350
Application Number:	13562173
Application Number:	13665799
Application Number:	13661834
Application Number:	13691738
Application Number:	14043653
Application Number:	13665124
Application Number:	13628010
Application Number:	13674859
Application Number:	09241704
Application Number:	12015931

PATENT

REEL. 033746 FRAME. 0731

Property Type	Number
Application Number:	13675251
Application Number:	13755338
Application Number:	13750536
Application Number:	14155131
Application Number:	14056826
Application Number:	14056845
Application Number:	13750366
Application Number:	13770099
Application Number:	13741593
Application Number:	13781124
Application Number:	14231536
Application Number:	13832494
Application Number:	13745008
Application Number:	13738251
Application Number:	13775037
Application Number:	13866245
Application Number:	13779648
Application Number:	13801694
Application Number:	13903906
Application Number:	13833165
Application Number:	13909950
Application Number:	13869774
Application Number:	13873955
Application Number:	13872606
Application Number:	13866634
Application Number:	13851905
Application Number:	13886608
Application Number:	13838087
Application Number:	13863721
Application Number:	10856841
Application Number:	11339401
Application Number:	11337949
Application Number:	14015907
Application Number:	13966862
Application Number:	13910743
Application Number:	13930179
Application Number:	13955750
Application Number:	13972642
Application Number:	13974531

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Property Type	Number
Application Number:	14016129
Application Number:	14015121
Application Number:	13968675
Application Number:	14014854
Application Number:	14014067
Application Number:	14042359
Application Number:	13974955
Application Number:	14068073
Application Number:	14040404
Application Number:	14071561
Application Number:	14138567
Application Number:	14156401
Application Number:	14140307
Application Number:	11824036
Application Number:	12107850
Application Number:	14162802
Application Number:	14191257
Application Number:	14191314
Application Number:	14179736
Application Number:	14225691
Application Number:	14265772
Application Number:	14249207
Application Number:	14265741
Application Number:	14266527
Application Number:	14266243
Application Number:	14311293
Application Number:	14320469
Application Number:	14319513
Application Number:	14260976
Application Number:	14298002
Application Number:	14313884
Application Number:	14323821
Application Number:	14312417
Application Number:	14316318
Application Number:	61993575
Application Number:	08689973
Application Number:	08540903
Application Number:	09050484
Application Number:	09177007

PATENT

REEL. 033746 FRAME. 0733

Property Type	Number
Application Number:	09327255
Application Number:	09631983
Application Number:	09875415
Application Number:	09825743
Application Number:	10014292
Application Number:	09963865
Application Number:	10139466
Application Number:	11370821
Application Number:	10625128
Application Number:	10758916
Application Number:	10222994
Application Number:	10766083
Application Number:	10972154
Application Number:	11299431
Application Number:	11400324
Application Number:	11475331
Application Number:	11418540
Application Number:	11418552
Application Number:	12235248
Application Number:	08587696
Application Number:	08551054
Application Number:	08851041
Application Number:	08988466
Application Number:	08841821
Application Number:	08988112
Application Number:	09349548
Application Number:	10252807
Application Number:	09568599
Application Number:	10452820
Application Number:	09138162
Application Number:	10260373
Application Number:	11069545
Application Number:	11409300
Application Number:	12116416
Application Number:	11881661
Application Number:	12179914
Application Number:	12115284
Application Number:	12047943
Application Number:	09712097

PATENT

Property Type	Number
Application Number:	10955282
Application Number:	11006105
Application Number:	10304584
Application Number:	10299227
Application Number:	10464624
Application Number:	10809299
Application Number:	10982565
Application Number:	10982209
Application Number:	11105867
Application Number:	11437362
Application Number:	11102409
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Application Number:	08192413
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Application Number:	29107257
Application Number:	29256075
Application Number:	29265161

PATENT

CORRESPONDENCE DATA**Fax Number:** (703)739-2815*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.***Email:** iprecordals@cpaglobal.com, gpillai1@cpaglobal.com**Correspondent Name:** CPA GLOBAL LIMITED**Address Line 1:** LIBERATION HOUSE**Address Line 2:** CASTLE STREET**Address Line 4:** ST HELIER, JERSEY JE1 1BL**NAME OF SUBMITTER:** HELEN BIRRELL**SIGNATURE:** /H/BIRRELL/IPR/GP/AGILENT KEYSI/AG840PT/**DATE SIGNED:** 09/16/2014**Total Attachments: 41**

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UNITED STATES OF AMERICA
ASSIGNMENT

WHEREAS, **Agilent Technologies, Inc.** (“ASSIGNOR”), a Corporation organized under the laws of **Delaware, USA**, with a place of business at **5301 Stevens Creek Blvd, Santa Clara, CA 95051, U.S.A.**, owns the United States Patents (the “Patents”) listed on the attached Schedule A; and

WHEREAS, **Keysight Technologies, Inc.** (“ASSIGNEE”), a Corporation organized under the laws of **Delaware, USA**, with a place of business at **1400 Fountaingrove Parkway, Santa Rosa, CA 95403-1738, USA**, desires to acquire all rights to the Patents;

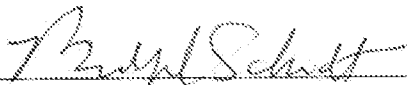
NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged by ASSIGNOR:

1. ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patents.
2. ASSIGNOR further grants, conveys and assigns to ASSIGNEE all its right, title and interest in and to any and all proceeds, causes of action and rights of recovery for past and future infringement or misappropriation of any of the Patents.
3. ASSIGNOR further grants, conveys and assigns to ASSIGNEE all its right, title and interest in and to any and all rights of ASSIGNOR to obtain reissues, re-examinations, continuations, continuations-in-part, divisions, extensions or other legal protections arising solely from the Patents that are or may be secured in any relevant jurisdiction anywhere in the world, including but not limited to the United States, its territories and possessions, now or hereinafter in effect.
4. The Patents are conveyed subject to any and all licenses, permissions, consents or other rights that may have been granted by ASSIGNOR or its predecessors-in-interest with respect thereto prior to this assignment.
5. This Patent Assignment Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer or representative on the date indicated below.

Agilent Technologies, Inc.

By: 

Name: **Bradford Paul Schmidt**

Title: **Vice President Global Intellectual Property & Chief Intellectual Property Counsel**

Date: August 19, 2014

Keysight Technologies, Inc.

By: 

Name: **Marc Mayer**

Title: **Director of Intellectual Property**

Date: August 25, 2014

Schedule

Country	Application Number	IP Grant Number
United States of America	09675772	6687309
United States of America	09738662	6718412
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United States of America	08910184	5898420
United States of America	08901490	5844512
United States of America	08795443	5790977

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United States of America	08819893	5978753
United States of America	08977315	6047219
United States of America	08976795	6205362
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United States of America	08795220	5793318
United States of America	08873784	5821816
United States of America	08944379	6438734
United States of America	08997148	5952853
United States of America	09386614	6191683
United States of America	08873494	5883536
United States of America	09034144	6108794
United States of America	09281865	6252445
United States of America	08993617	6128024
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United States of America	09120402	6370159
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United States of America	09056149	6065137

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United States of America	09118951	6031709
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United States of America	09182252	6654356
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United States of America	09219657	6263289
United States of America	09316171	6258639
United States of America	09480041	6751573
United States of America	09289295	6242901
United States of America	09337045	6252221
United States of America	09299705	6084481
United States of America	09992224	6839650
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United States of America	09469192	6198345
United States of America	09607677	6631488
United States of America	09322505	6587671
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United States of America	09383065	6389365
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United States of America	10001058	6735539
United States of America	09393148	6374388

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United States of America	09493516	6356849
United States of America	09880540	6975653
United States of America	07919478	5270673
United States of America	08887828	5883639
United States of America	08442715	5543756
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United States of America	10159312	6763044
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United States of America	11897847	7672804

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United States of America	11268103	7333964
United States of America	11395384	7479837
United States of America	12011089	8374227
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United States of America	12263852	
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United States of America	12172640	8087289
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United States of America	12413721	8175829
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United States of America	12749833	8471580
United States of America	12208432	7793356
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United States of America	12390322	8369661
United States of America	09875280	6679124
United States of America	10165053	6844721
United States of America	11757076	7441465
United States of America	10409656	6945097
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United States of America	12533938	8143880
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United States of America	12470559	7940130
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United States of America	12710312	8446932
United States of America	12693490	8274340
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United States of America	12497503	8446997
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United States of America	11839312	7778318
United States of America	12770622	8699985
United States of America	12847057	
United States of America	10907525	7109486
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United States of America	13193950	
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United States of America	12890894	8291510
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United States of America	12913231	
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United States of America	13006389	8666925
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United States of America	13036917	8533136
United States of America	13117238	
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United States of America	13191892	8661178
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United States of America	13429626	

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United States of America	13779648	
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United States of America	10014292	7003063
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United States of America	10139466	7106790
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United States of America	10625128	7263068
United States of America	10758916	7026807
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United States of America	10972154	8140662
United States of America	11299431	7817762
United States of America	11400324	8135033
United States of America	11475331	7265700
United States of America	11418540	7277820
United States of America	11418552	7366049
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United States of America	08551054	5808919
United States of America	08851041	6119000
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United States of America	08841821	5884175
United States of America	08988112	6181682
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United States of America	10252807	6943561
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United States of America	10452820	7206731
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United States of America	11069545	7331023
United States of America	11409300	8145453
United States of America	12116416	8126080
United States of America	11881661	8150388
United States of America	12179914	7724162
United States of America	12115284	8040971
United States of America	12047943	8078446
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United States of America	11006105	7079059
United States of America	10304584	6819188
United States of America	10299227	6720900
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United States of America	10982209	7057909
United States of America	11105867	6998869

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United States of America	11102409	7317999
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United States of America	11471789	7307430
United States of America	11509155	7576616
United States of America	11891105	7812619
United States of America	11647116	7535246
United States of America	08261154	5532590
United States of America	08262773	5493070
United States of America	08333784	5463323
United States of America	08408910	5646541
United States of America	08490355	5600249
United States of America	08435170	5659251
United States of America	08649400	5754067
United States of America	09605669	6271740
United States of America	07919711	5406217
United States of America	11726920	7869935
United States of America	29256075	D551847
United States of America	29265161	D555525
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United States of America	12060765	8320475
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United States of America	12055332	8185330
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United States of America	12017063	7822579
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United States of America	08271310	5530543