

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3645209

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BROADCOM CORPORATION	10/23/2015
BROADCOM INTERNATIONAL LIMITED	10/23/2015

RECEIVING PARTY DATA

Name:	XIAOMI H.K. LIMITED
Street Address:	90-92 JAFFE ROAD
Internal Address:	FLAT/RM 2, 19/F, HENAN BUILDING
City:	WANCHAI
State/Country:	HONG KONG

PROPERTY NUMBERS Total: 20

Property Type	Number
Patent Number:	8417220
Patent Number:	8412159
Patent Number:	8755316
Patent Number:	8437754
Patent Number:	8923870
Patent Number:	8478286
Patent Number:	8909229
Patent Number:	9198069
Patent Number:	8611888
Patent Number:	8725193
Patent Number:	8270364
Patent Number:	8861413
Patent Number:	8280389
Patent Number:	8599960
Patent Number:	8731001
Application Number:	14039600
Application Number:	14565009
Application Number:	13875633
Application Number:	13417515

PATENT

Property Type	Number
Application Number:	14882188

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	464114US
NAME OF SUBMITTER:	RHIA LUCAS
SIGNATURE:	/Rhia Lucas/
DATE SIGNED:	12/07/2015

Total Attachments: 7
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Exhibit D

ASSIGNMENT OF PATENT RIGHTS

Broadcom Corporation, a California corporation), and Broadcom International Limited, a Cayman Islands limited company, are collectively referred to in this Assignment of Patent Rights as "**Assignor**". For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby sell, assign, transfer, and convey unto Xiaomi H.K. Limited, a Hong Kong company, having an address at Flat/Rm 2, 19/F, Henan Building, 90-92 Jaffe Road, Wanchai, Hong Kong ("**Assignee**"), or its designees, all right, title, and interest that exist today and may exist in the future in and to all of the following (collectively, the "**Patent Rights**"), including:

(a) the patent applications and patents listed in the **Attachment** hereto ("**Listed Patents**");

(b) all patents or patent applications (i) to which any of the Listed Patents directly or indirectly claim priority, and (ii) for which any of the Listed Patents directly or indirectly forms a basis for priority, (iii) all patents or patent applications that are current and future reissues, reexaminations, extensions, or other post-grant review, continuations, continuing prosecution applications, or divisions of any of the foregoing, and/or, (v) all patents or patent applications that are foreign patents, patent applications and counterparts to any of the foregoing;

(c) rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections or other governmental grants or issuances of any type related to the any of the foregoing categories (a) and/or (b), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding;

(d) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights under any claim(s) of any of the Listed Patents, including, without limitation, all rights under categories (b), and/or (c) to

- (i) damages,
- (ii) injunctive relief and
- (iii) other remedies of any kind

for past, current and future infringement; and

(e) all rights to collect royalties and other payments under or on account of any of the Listed Patents or any of the foregoing categories (b) through (d).

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

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Signature Page:

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Irvine, CA on this 23 day of October, 2015.

ASSIGNOR:

BROADCOM CORPORATION

By: _____

Name: _____

Title: _____

(Signature MUST be attested)

BROADCOM INTERNATIONAL LIMITED

By: _____

Name: _____

Title: _____

(Signature MUST be attested)

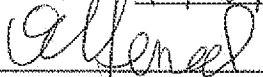
ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. §1746

The undersigned witnessed the signature of Jeyhan Karaoguz to the above Assignment of Patent Rights on behalf of Broadcom Corporation and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Jeyhan Karaoguz is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on October 23, 2015 to execute the above Assignment of Patent Rights on behalf of Broadcom Corporation.
3. Jeyhan Karaoguz subscribed to the above Assignment of Patent Rights on behalf of Broadcom Corporation.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on 10/23/2015 (date)

By: 

Print Name: Vanessa Elfend

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. §1746

The undersigned witnessed the signature of Cindy Gonillo to the above Assignment of Patent Rights on behalf of Broadcom International Limited and makes the following statements:

4. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
5. Cindy Gonillo is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on October 23 2015 to execute the above Assignment of Patent Rights on behalf of Broadcom International Limited.
6. Cindy Gonillo subscribed to the above Assignment of Patent Rights on behalf of Broadcom International Limited.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on October 23, 2015 (date)

By: [Signature]

Print Name: Michelle Johnson

Attachment to Assignment of Patent Rights

Listed Patents

Family Number	Application No	Patent No	Publication No
1	GB1105647.0	GB2480127	GB2480127
1	EP12171491.9		EP2523420
1	13353934	8412159	US20120252406
1	13078223	8417220	US20120252404
1	CN201280015030.9		CN103444214
1	IN1629MUMNP2013		
1	JP2014501806		
1	KR1020137028559		KR20140022040
1	EP11184417.1	EP2506614	EP2506614
1	EP11184417.1	DE602011012078	EP2506614
1	PCTIB2012051612		WO2012131661
1	14039600		US20140031025
2	EP11172430.8	EP2429229	EP2429229
2	EP11172430.8	DE602011002983	EP2429229
2	GB1208218.6	GB2488686	GB2488686
2	EP11172430.8	NL2429229	EP2429229
2	EP11172430.8	FR2429229	EP2429229
2	EP11172430.8	IT2429229	EP2429229
2	13023828	8433321	US20120202481
2	13348338	8478273	US20120208535
2	CN201280008242.4		CN103404198
2	IN1406MUMNP2013		
2	JP2013553061		JP2014-511163
2	KR1020137020760		
2	EP11172430.8	EP2429229	EP2429229
2	PCTIB2012050595		WO2012107898
2	EP13168124.9	DE602011010863	EP2635070
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3	GB1116642.8	GB2484783	GB2484783
3	13472611	8437754	US20130079012
3	13870043	8923870	US-2014-0148156-A1
3	PCTIB2012055103		WO2013046123
3	13246285		US20130078989
3	14565009		US-2015-0094068-A1
4	DE112013000765.7		DE112013000765
4	GB1201661.4		GB2499189
4	13365544	8478286	
4	CN2013800076108		

Family Number	Application No	Patent No	Publication No
4	15103966.7		
4	PCTIB2013050759		WO2013114278
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5	EP13717867.9		
5	GB1204039.0	GB2490989	GB2490989
5	13633926	8504017	
5	13741769	8700037	US20130237223
5	PCTIB2013051750		WO2013132437
6	EP11864327.9		EP2702818
6	13855232	8537725	US20130223296
6	14017584	9001709	US20140003305
6	CN201180070520.4		CN103503537
6	PCTCN2011073529		WO2012145922
6	14678456		2015-0215098
7	GB1218001.4	GB2496946	GB2496946
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7	GB1306166.8	GB2497894	GB2497894
7	13872817	8687538	US20130235785
7	IN2903/MUM/2011		IN2903/MUM/2011
7	CN201180074213.3		CN 103947259 A
7	PCTIB2011003120		WO2013057536
8	EP13730353.3		EP2848030
8	GB1208469.5	GB2495569	GB2495569
8	14149400	8891400	2014-0119227
8	PCTIB2013053808		WO2013168139
8	13849988		US20130301442
9	GB1105590.2	GB2485854	GB2485854
9	GB1204230.5	GB2487319	GB2487319
9	EP12719069.2		EP2695446
9	13524592	8909229	US20120320879
9	CN201280025339.6		CN103597882
9	EP14194423.1		EP2852224
9	IN1891MUMNP2013		
9	JP2014501805		JP2014-512752
9	KR1020137028560		KR20140021626
9	PCTIB2012051596		WO2012131655
9	13078124		US20120252452
9	13417515		US20120252455
10	GB1116916.6	GB2484011	GB2484011
10	13/023,675		US20120202480
10	14/882,188		
10	EP12711000.5	EP2673978	EP2673978
10	CN201280017102.3		CN103493532
10	IN1544/MUMNP/2013		
10	JP2013-553057		JP2014-510448

Family Number	Application No	Patent No	Publication No
10	KR10-2013-7023540		
10	PCT/IB2012/050564		WO2012107885
11	GB1201430.4	GB2488201	GB2488201
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13	13418824	8270364	
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15	PCTIB2012051802		WO2012140599
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16	13246326	8599960	US20130077707
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17	GB1122200.7	GB2491426	GB2491426
17	13149067	8731001	US20120307704
18	13209624	8755316	US20130045770
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20	GB1118681.4	GB2495985	GB2495985
20	13285926	8527006	US20130109436
20	PCTIB2012055886		WO2013061275
20	14013373		US20130344918