

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4171481

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BANDWIDTH.COM, INC.	11/28/2016

RECEIVING PARTY DATA

Name:	REPUBLIC WIRELESS, INC.
Street Address:	900 MAIN CAMPUS DRIVE
Internal Address:	SUITE 500
City:	RALEIGH
State/Country:	UNITED STATES
Postal Code:	27606

PROPERTY NUMBERS Total: 68

Property Type	Number
Patent Number:	8526591
Patent Number:	8634531
Patent Number:	8670771
Patent Number:	8675476
Patent Number:	8718682
Patent Number:	8730920
Patent Number:	8750250
Patent Number:	8761778
Patent Number:	8787919
Patent Number:	8825881
Patent Number:	8879507
Patent Number:	8879544
Patent Number:	8897265
Patent Number:	8897793
Patent Number:	8897794
Patent Number:	8948042
Patent Number:	8948133
Patent Number:	8948134
Patent Number:	8948135

PATENT

Property Type	Number
Patent Number:	8971205
Patent Number:	9014138
Patent Number:	9014147
Patent Number:	9014148
Patent Number:	9019958
Patent Number:	9025567
Patent Number:	9031562
Patent Number:	9060315
Patent Number:	9131422
Patent Number:	9148865
Patent Number:	9191866
Patent Number:	9204351
Patent Number:	9288731
Patent Number:	9300715
Patent Number:	9319959
Patent Number:	9357079
Patent Number:	9392625
Patent Number:	9398165
Patent Number:	9398506
Patent Number:	9413804
Patent Number:	9420510
Patent Number:	9497246
Patent Number:	9509743
Application Number:	62417608
Application Number:	62293476
Application Number:	14188717
Application Number:	14806947
Application Number:	14837350
Application Number:	14837377
Application Number:	14837393
Application Number:	14840085
Application Number:	14860845
Application Number:	14861107
Application Number:	15147928
Application Number:	15260704
Application Number:	15263427
Application Number:	15263906
Application Number:	15337361

Property Type	Number
PCT Number:	US2015032519
PCT Number:	US2015032524
PCT Number:	US2015038260
PCT Number:	US2015066341
PCT Number:	US2015066330
PCT Number:	US2015066332
PCT Number:	US2015066344
PCT Number:	US2016031183
PCT Number:	US2016038982
PCT Number:	US2016057427
PCT Number:	US2016057429

CORRESPONDENCE DATA

Fax Number:

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

Phone: 919.238.1462
Email: patents@republicwireless.com
Correspondent Name: GREGORY STEPHENS
Address Line 1: 900 MAIN CAMPUS DRIVE
Address Line 2: SUITE 500
Address Line 4: RALEIGH, NORTH CAROLINA 27606

ATTORNEY DOCKET NUMBER:	RW.0000
NAME OF SUBMITTER:	GREGORY STEPHENS
SIGNATURE:	/Gregory Stephens/
DATE SIGNED:	12/06/2016

Total Attachments: 3

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PATENT AND PATENT APPLICATION ASSIGNMENT

WHEREAS, the undersigned, hereinafter called the "Assignor", owns the U.S. Patents, U.S. Patent Applications, PCT Patent Applications, and Foreign Patent Applications identified in **Schedule A** attached hereto.

WHEREAS, Republic Wireless, Inc., having a principal office and place of business at, 900 Main Campus Drive - Suite 500, Raleigh, NC 27606, hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to all the patents and patent applications listed in **Schedule A**.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the inventions, applications and patents identified in Schedule A, and all Letters Patents that may issue for the inventions and applications, and all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of the Letters Patents for the said inventions may issue.

FURTHER, be it known that the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the inventions disclosed in the applications, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and of the European Patent Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignor does hereby covenant and agree, for himself and his legal representatives, that they will assist the Assignee in the prosecution of the applications identified in **Schedule A**; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as hereinbefore set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, any facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.



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And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the undersigned has(have) hereunto set his(their) hand(s) and seal(s) on the date after his(their) signature(s).

ASSIGNOR:

[Handwritten Signature]

David A. Morken
Chief Executive Officer
Bandwidth.com, Inc.

11/28/16

Date

NOTARY:

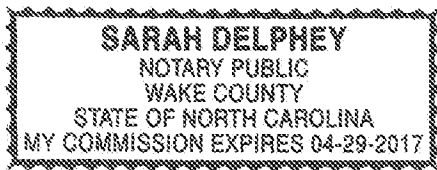
Subscribed and sworn to before me

this 28 day of November, 2016.

Wake County, North Carolina

I, *Sarah Delphey*
~~Lisa Jill Freeman~~ *Wake SMD* a Notary Public of ~~Durham~~ County, North Carolina, certify that David A. Morken personally came before me this day and acknowledged that he (or she) is CEO of Bandwidth.com, Inc., and that he, as CEO, being authorized to do so, executed the foregoing on behalf of the corporation.

Witness my hand and official seal, this the *28* day of *November*, 2016.



(Official Seal)

S. Delphey

Official Signature of Notary Public

SMD
~~Lisa Jill Freeman~~ *Sarah Delphey*

Notary's printed or typed name

My commission expires: ~~03/29/2020~~ *SMD* *4/29/2017*



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SCHEDULE A

	U.S. Patents	U.S. Patent Applications	PCT Patent Applications	Foreign Patent Applications
1	U.S. 8,526,591	62/417,608	PCT/US2015/032519	European Union - 14754262.5
2	U.S. 8,634,531	62/293,476	PCT/US2015/032524	China - 2014 80022125.2
3	U.S. 8,670,771	14/188,717	PCT/US2015/038260	India - 8117/DELNP/2015
4	U.S. 8,675,476	14/840,088	PCT/US2015/066341	Brazil - BR112015019920-8
5	U.S. 8,718,682	14/806,947	PCT/US2015/066330	Mexico - MX/A/2015/010450
6	U.S. 8,730,920	14/837,350	PCT/US2015/066332	Canada - 2901133
7	U.S. 8,750,250	14/837,377	PCT/US2015/066344	Canada - 2925280
8	U.S. 8,761,778	14/837,393	PCT/US2016/031183	
9	U.S. 8,787,919	14/840,085	PCT/US2016/038982	
10	U.S. 8,825,881	14/866,845	PCT/US2016/057427	
11	U.S. 8,879,507	14/861,107	PCT/US2016/057429	
12	U.S. 8,879,544	15/235,600		
13	U.S. 8,897,265	15/147,928		
14	U.S. 8,897,793	15/260,704		
15	U.S. 8,897,794	15/263,427		
16	U.S. 8,948,042	15/263,906		
17	U.S. 8,948,133	15/337,361		
18	U.S. 8,948,134			
19	U.S. 8,948,135			
20	U.S. 8,971,205			
21	U.S. 9,014,038			
22	U.S. 9,014,147			
23	U.S. 9,014,148			
24	U.S. 9,019,958			
25	U.S. 9,025,567			
26	U.S. 9,031,562			
27	U.S. 9,060,315			
28	U.S. 9,131,422			
29	U.S. 9,148,865			
30	U.S. 9,191,866			
31	U.S. 9,204,351			
32	U.S. 9,288,731			
33	U.S. 9,300,715			
34	U.S. 9,319,959			
35	U.S. 9,337,079			
36	U.S. 9,392,625			
37	U.S. 9,398,165			
38	U.S. 9,398,506			
39	U.S. 9,413,804			
40	U.S. 9,420,510			
41	U.S. 9,497,246			
42	U.S. 9,509,743			