PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3089160

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDGAR SHRUM JR.	12/27/2007
BARRETT KREINER	11/26/2007
STEVEN WRIGHT	11/28/2007

RECEIVING PARTY DATA

Name:	AT&T DELAWARE INTELLECTUAL PROPERTY, INC.
Street Address:	824 MARKET STREET
Internal Address:	SUITE 425
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13834480

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: 3125801020

Email: wjacklin@hfzlaw.com

Correspondent Name: HANLEY, FLIGHT AND ZIMMERMAN, LLC

Address Line 1: 150 S. WACKER DRIVE

Address Line 2: SUITE 2200

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	20103/070197CON-1	
NAME OF SUBMITTER:	WILLIAM E. JACKLIN	
SIGNATURE:	/William E. Jacklin/	
DATE SIGNED:	10/30/2014	

Total Attachments: 6

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PATENT 503042561 REEL: 034076 FRAME: 0583

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PATENT REEL: 034076 FRAME: 0584

Assignment

WHEREAS, I Edgar Shrum Jr., citizen of Smyrna, Georgia, residing at 4177 Barnes Meadow Road, City of Smyrna, State of GA, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled "PERSONAL WIRELESS COVERAGE MAP", listing as inventor(s): Edgar Shrum, Jr., Barrett Kreiner and Steven Wright;

WHEREAS, AT&T Delaware Intellectual Property, Inc., a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 425, Wilmington, DE 19801, is desirous of acquiring title in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Edgar Shrum Jr., do sell, assign and transfer unto AT&T Delaware Intellectual Property. Inc. exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents, reexaminations and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in s aid application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a divisional, continuation, continuation-in-part, or reissue thereof, to, AT&T Delaware Intellectual Property, Inc as Assignee, for their interest and for the sole use of AT&T Delaware Intellectual Property. Inc and their assigns and legal representatives;

For the same consideration, I, do sell, assign and transfer to AT&T Delaware intellectual Property, Inc the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part in countries other than the United States, in and to any Patents and similar projective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of AT&T Delaware Intellectual Property, Inc and or their respective designees, insofar as permitted by applicable law;

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Assignment

WHEREAS, I Barrett Kreiner, citizen of Woodstock, Georgia, residing at 112 Wiley Bridge Ct., City of Woodstock, State of GA, have Invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled "PERSONAL WIRELESS COVERAGE MAP", listing as inventor(s): Edgar Shrum, Jr., Barrett Kreiner and Steven Wright;

WHEREAS, AT&T Delaware Intellectual Property, Inc., a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 425, Wilmington, DE 19801, is desirous of acquiring title in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Barret Kreiner, do sell, assign and transfer unto AT&T Delaware Intellectual Property, Inc, full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents, reexaminations and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in s aid application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a divisional, continuation, continuation-in-part, or reissue thereof, to, AT&T Delaware Intellectual Property, Inc. as Assignee, for their interest and for the sole use of AT&T Delaware Intellectual Property, Inc and their assigns and legal representatives;

For the same consideration, I, do sell, assign and transfer to AT&T Delaware Intellectual Property, Inc the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of AT&T Delaware Intellectual Property, Inc and or their respective designees, insofar as pennitted by applicable law;

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AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reexamination, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid AT&T Delaware Intellectual Property, Inc their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

11-26-07 Date

STATE OF GOOGIC COUNTY OF FAYOHE

Before me, a Notary Public in and for the State of 600791c on this 26 day of 2007, personally appeared barrett viewer, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIS

My Commission Expires: 10/3/09

Assignment

WHEREAS, I Steven Wright, citizen of Roswell, Georgia, residing at 125 Old Alabama Place, City of Roswell, State of GA, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled "PERSONAL WIRELESS COVERAGE MAP", listing as inventor(s): Edgar Shrum, Jr., Barrett Kreiner and Steven Wright;

WHEREAS, AT&T Delaware Intellectual Property, Inc, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 425, Wilmington, DE 19801, is desirous of acquiring title in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Steven Wright, do sell, assign and transfer unto AT&T Delaware Intellectual Property, Inc, full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or a long to the continuation and continuation-in-part applications describing in whole or a long to the continuation and in part said inventions and improvements, preparatory to obtaining Patents of the United and improvements, States therefore, (iv) in and to all patents, reexaminations and reissues that may be necessary, (iv) a granted in the United States for the aforementioned, (v) in and to any provisional patents in the United S applications filed in the United States describing in whole or in part the said inventions and in the and improvements, from which priority may be claimed under Title 35 of the United accomments. But States Code, and (vi) in and to the right to claim any applicable foreign and domestic Code, and (vi) priority rights arising from such provisional patent applications or aforementioned again within applications; I also hereby acknowledge that an obligation for this assignment and for the state of the state the assignment of all related subject matter arose before the making of the invention and analysis of the improvements disclosed and described in s aid application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a divisional, continuation, continuation-in-part, or reissue thereof, to, AT&T Delaware Intellectual Property, Inc as Assignee, for their interest and for the sole use of AT&T Delaware Intellectual Property, Inc and their assigns and legal representatives;

For the same consideration, I, do sell, assign and transfer to AT&T Delaware Intellectual Property, Inc the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of AT&T Delaware Intellectual Property, Inc and or their respective designees, insofar as permitted by applicable law;

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אטובדיר השטר

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AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid AT&T Delaware Intellectual Property, Inc their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

28/LNof2@7 Date

Steven Wright

STATE OF GROUPS COUNTY OF Fayette

Before me, a Notary Public in and for the State of Horgic, on this 28 day of November, 2007, personally appeared Steven Wright, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC

My Commission Expires: 10/3/49

TANNEA O'ARP PUBLOSSION PUBLOSSION

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