PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2853848

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEREMY FIX	05/21/2012
ANDREW G HUME	05/23/2012
SHELDON KENT MEREDITH	05/21/2012

RECEIVING PARTY DATA

Name:	AT&T MOBILITY II LLC	
Street Address:	1025 LENOX PARK BOULEVARD	
City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30319	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14276747

CORRESPONDENCE DATA

Fax Number: (216)696-8731

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 404-927-2780

Email: epas@thepatentattorneys.com

Correspondent Name: AT&T LEGAL DEPARTMENT - T&W ATTN: PATEN

Address Line 1: ROOM 2A-207
Address Line 2: ONE AT&T WAY

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2011-2218 DIV/ATTWP564USA	
NAME OF SUBMITTER:	THOMAS E. WATSON	
SIGNATURE:	/Thomas E. Watson/	
DATE SIGNED:	05/13/2014	

Total Attachments: 4

source=Assignment#page1.tif source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

502807254 REEL: 032882 FRAME: 0233

PATFNT

2011-2218

ASSIGNMENT OF INVENTION TO AT&T MOBILITY II LLC

WHEREAS, Jeremy Fix of Acworth, Georgia; Andrew G. Hume of Anthem, Arizona; and Sheldon Kent Meredith of Marietta, Georgia; (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **FACILITATION OF DETERMINATION OF ANTENNA LOCATION**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 2011-2218, in the patent files of AT&T Mobility II LLC, a Delaware Corporation having a principal place of business at 1025 Lenox Park Boulevard, Atlanta, Georgia 30319.

I hereby authorize and request Turocy & Watson, LLP, to insert here in parentheses (Application No. $\frac{13/483,283}{}$, filed $\frac{5/30/12}{}$) the filing date and application number of said application when known or to file this Assignment concurrently with the application.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these present do sell, assign and transfer unto AT&T Mobility II LLC the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said AT&T Mobility II LLC for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

2011-2218 ASSIGNMENT OF INVENTION TO AT&T MOBILITY II LLC

Signed:	Date:
	5/21/2012
Jefemy Fix	
CERTIFICATE	OF ACKNOWLEDGMENT
State of 60	***************************************
County of Dekalb	
On 5 - 21 - (2) before me,	Teremetxy.
	ame and Title of Officer (Ag., "Jane Doe, Notary Public")
personally appeared <u>JEREMY FIX</u>	
Name(s) of Signer(s)	
ga anganere no et e sama naterial sa sa sa na na naterial de en	personally known to me - OR proved to me or the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the

Page 2 of 4

instrument.

WITNESS my hand and official seal.

2011-2218 ASSIGNMENT OF INVENTION TO AT&T MOBILITY II LLC

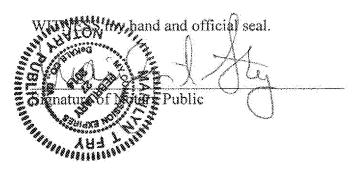
Signed: Date:
23 May 2012
Andrew Critique
CERTIFICATE OF ACKNOWLEDGMENT
State of ALITONA
County of MARICUPA
On May 23, 2012 before me, ALLISON AKER NOTARY PUBLIC
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared <u>ANDREW G. HUME</u> Name(s) of Signer(s)
_ personally known to me - OR proved to me or the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal. Clean Company Public Signature of Notary Public
OFFICIAL SEAL ALLISON AKER NOTARY PUBLIC - State of Actions MARICOPA COUNTY My Comm. Expires Nov. 19, 2012

Page 3 of 4

2011-2218 Assignment of Invention To AT&T Mobility II LLC

Sheldon Kent Meredith CERTIFICATE OF ACKNOWLEDGMENT State of 6a County of Deta 4 On 5-21-12 before me, Sheldon Wareduth, Name and Title of Officer (e.g., "Jane Doe, Notary Public") personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)	Signed:	Date:
CERTIFICATE OF ACKNOWLEDGMENT State of 600 County of Deta 60 On 5-21-12 before me, Sheldon Wellerth, Name and Title of Officer (e.g., "Jane Doc, Notary Public") personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)	Melle Her Hill	17/ 5-21-2-12
State of 6a County of Deta 6 On 5-21-12 before me, Sheldon Were Auth, Name and Title of Officer (e.g., "Jane Doc, Notary Public") personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)	Sheldon Kent Meredith	
State of 6a County of Deta 6 On 5-21-12 before me, Sheldon Were Auth, Name and Title of Officer (e.g., "Jane Doc, Notary Public") personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)		
State of 6a County of Deta 6 On 5-21-12 before me, Sheldon Were Auth, Name and Title of Officer (e.g., "Jane Doc, Notary Public") personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)		
County of Detalo On 5-21-12 before me, Shelon Wereauth, Name and Title of Officer (e.g., "Jane Doc, Notary Public") personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)	CERTIFICAT	E OF ACKNOWLEDGMENT
On 5-21-12 before me, Sheldon Wellduch, Name and Title of Officer (e.g., "Jane Doc, Notary Public") personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)	State of 60	
On 5-21-12 before me, Sheldon Welleuth, Name and Title of Officer (e.g., "Jane Doc, Notary Public") personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)	County of Detall	
personally appeared SHELDON KENT MEREDITH Name(s) of Signer(s)	and the same of th	. Sheldon herebuth
Name(s) of Signer(s)		Name and Title of Officer (e.g., "Jane Doe, Notary Public")
Name(s) of Signer(s)		
	* * * * · · · · · · · · · · · · · · · ·	
	Name(s) of Signer(s))

_ personally known to me - OR - _ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



Page 4 of 4

PATENT REEL: 032882 FRAME: 0237

RECORDED: 05/13/2014