

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6574510

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PATRICK HICKS	06/30/2011
PETER ANDREW JOHNSON	06/30/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T MOBILITY II LLC
<b>Street Address:</b>	1025 LENOX PARK BOULEVARD, NE
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30319
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17187204
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)696-8731
<i>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.</i>	
<b>Phone:</b>	404-927-2780
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<b>Correspondent Name:</b>	AT&T LEGAL DEPARTMENT - AT&W ATTN: PATE
<b>Address Line 1:</b>	ROOM 2A 212
<b>Address Line 2:</b>	ONE AT&T WAY
<b>Address Line 4:</b>	BEDMINSTER, NEW JERSEY 07921
<b>ATTORNEY DOCKET NUMBER:</b>	2011-0103CON3/ATTWP512USD
<b>NAME OF SUBMITTER:</b>	DEIDRA D. RITCHERSON
<b>SIGNATURE:</b>	/Deidra D. Ritcherson/
<b>DATE SIGNED:</b>	02/26/2021
<b>Total Attachments: 3</b>	
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2011-0103

ASSIGNMENT OF INVENTION  
TO  
AT&T MOBILITY II LLC

WHEREAS, Patrick Hicks, of Alpharetta, Georgia ; and Peter Andrew Johnson, of Marietta, Georgia ; (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **SUBSCRIBER DATA ANALYSIS AND GRAPHICAL RENDERING**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 2011-0103, in the patent files of AT&T Mobility II LLC, a Delaware Corporation having a principal place of business at 1025 Lenox Park Boulevard, NE, Atlanta, Georgia 30319.

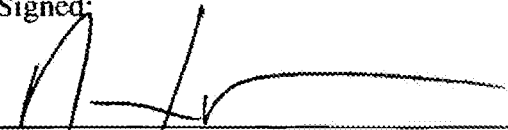
I hereby authorize and request Turocy & Watson, LLP, to insert here in parentheses (Application No. 16/881,068, filed 5/22/20 ) the filing date and application number of said application when known or to file this Assignment concurrently with the application.

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.

2011-0103  
ASSIGNMENT OF INVENTION  
To  
AT&T MOBILITY II LLC

Signed:

  
PATRICK HICKS

Date:

6/30/11

**CERTIFICATE OF ACKNOWLEDGMENT**

State of GEORGIA

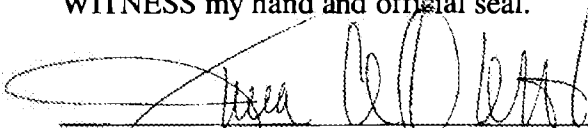
County of FULTON

On 6/30/11 before me, Julia A. Oletti, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared PATRICK HICKS  
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.

WITNESS my hand and official seal.

  
Signature of Notary Public

2011-0103  
ASSIGNMENT OF INVENTION  
To  
AT&T MOBILITY II LLC

Signed:

Date:

  
PETER ANDREW JOHNSON

6/30/11

**CERTIFICATE OF ACKNOWLEDGMENT**

State of Georgia

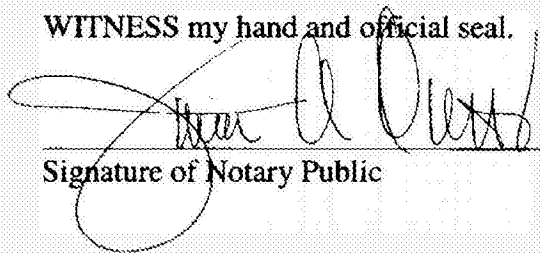
County of Fulton

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Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared PETER ANDREW JOHNSON  
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.

WITNESS my hand and official seal.

  
Signature of Notary Public