## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5067230

NATURE OF CONVEYANCE:  Corrective Assignment to correct the NATURE OF CONVEYANCE/SUPPORTING DOCUMENTS previously recorded on Reel 037068 Frame 0911. Assignor(s) hereby confirms the	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
ASSIGNWENT.		CONVEYANCE/SUPPORTING DOCUMENTS previously recorded on

#### **CONVEYING PARTY DATA**

Name	Execution Date
AT&T SERVICES, INC.	07/25/2018

### **RECEIVING PARTY DATA**

Name:	AT&T INTELLECTUAL PROPERTY I, L.P.	
Street Address:	675 WEST PEACHTREE STREET	
City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30308	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14937387	

### **CORRESPONDENCE DATA**

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Correspondent Name: AT&T LEGAL DEPARTMENT - TRBK

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Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2007-1319CON CORRECTIVE	
NAME OF SUBMITTER:	KIRSTEN HUNTER	
SIGNATURE:	/Kirsten Hunter/	
DATE SIGNED:	07/25/2018	

### **Total Attachments: 3**

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> PATENT REEL: 046633 FRAME: 0574

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# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3620964

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	12/11/2008	

### **CONVEYING PARTY DATA**

Name	Execution Date
AT&T SERVICES, INC.	08/14/2015

### **RECEIVING PARTY DATA**

Name:	AT&T Intellectual Property I, LP	
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City:	Atlanta	
State/Country:	GEORGIA	
Postal Code:	30308	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14937387	

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	7785-0514-01 (2 OF 2)
NAME OF SUBMITTER:	JAY H. ANDERSON
SIGNATURE:	/Jay H. Anderson/
DATE SIGNED:	11/18/2015

**Total Attachments: 2** 

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PATENT 503574337 REEL: 0**3**668 FRAME: 0**975** 

#### RECORDABLE PATENT ASSIGNMENT

This Recordable Patent Assignment is between AT&T Services, Inc. ("AT&T Services"), a Delaware corporation, and AT&T Intellectual Property I, L.P. ("AT&T IP I"), a Nevada limited partnership.

Effective on December 19, 2011, through operation of a merger of AT&T Operations, Inc. into AT&T Services, Inc., for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, AT&T Services hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to AT&T IP I all of AT&T Services' right, title and interest in and to the patents and pending patent applications identified on Attachment A (the "Patents"), with respect to which and to the extent to which AT&T Services has or previously had the right to so assign, transfer and convey such rights, including all claims for past infringement, and all divisions, reexaminations, reissues, substitutions, continuations, continuations-in-part and extensions thereof, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions in its own name throughout the world including all rights of priority, all rights to public cautionary notices reserving ownership of said inventions and all rights to claim and register said inventions in appropriate registries. AT&T Services has further agreed to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in AT&T IP I, its successors, assigns and legal representatives.

IN WITNESS WHEREOF, AT&T Services has caused this Recordable Patent Assignment to be executed by its duly authorized representative.

AT&T SERVICES, INC.

Jeanette Napp

Assistant Secretary

AT&T Services, as Successor-in-Interest to

AT&T Operations, Inc.

STATE OF GEORGIA ) ss: COUNTY OF COWETA )

Before me personally appeared the person described in and who executed the foregoing instrument, and acknowledged to me that she executed the same for the purposes therein stated, this <a href="#">25</a> day of July, 2018.

ABUO ON THE COUNTY OF THE COUN

Notary Public

PATENT REEL: 046633 FRAME: 0576

# Attachment A

Docket Number	Country	Relation	Application Date	App. Number	Patent Number	Title
						Communications Link
	United					Discontinuity Detection
2007-1319	States	Continuation	11/10/2015	14/937387	9548793	Systems And Methods
						Communications Link
	United	Original				Discontinuity Detection
2007-1319	States	Filing	12/11/2008	12/333235	9215101	Systems And Methods

PATENT REEL: 046633 FRAME: 0577

**RECORDED: 07/25/2018**