504175496 01/12/2017

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| AT&T CORP. | 02/04/2016 |

RECEIVING PARTY DATA

| Name: | AT&T PROPERTIES, LLC | |
|-----------------|----------------------|--|
| Street Address: | 645 E. PLUMB LANE | |
| City: | RENO | |
| State/Country: | NEVADA | |
| Postal Code: | 89502 | |

PROPERTY NUMBERS Total: 4

| Property Type | Number |
|---------------------|----------|
| Application Number: | 08916662 |
| Application Number: | 09804041 |
| Application Number: | 08941379 |
| Application Number: | 08861413 |

CORRESPONDENCE DATA

Fax Number: (732)542-2283

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: 7325422280

Email: khunter@trbklaw.com

Correspondent Name: AT&T LEGAL DEPARTMENT - TRBK

Address Line 1: ONE AT&T WAY Address Line 2: ROOM 2A-212

Address Line 4: BEDMINSTER, NEW JERSEY 07921

| ATTORNEY DOCKET NUMBER: | ATTCORP_ATTPROP_10-26 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | KIRSTEN HUNTER |
| SIGNATURE: | /Kirsten Hunter/ |
| DATE SIGNED: | 01/12/2017 |

Total Attachments: 2

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> PATENT REEL: 040955 FRAME: 0226

RECORDABLE PATENT ASSIGNMENT

This Recordable Patent Assignment is between AT&T Corp. ("AT&T Corp."), a New York corporation, and AT&T Properties, LLC ("AT&T Properties"), a Nevada limited liability company.

Effective on June 30, 2008, for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, AT&T Corp. hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to AT&T Properties all of AT&T Corp.'s 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 Corp. 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 Corp. 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 Properties, its successors, assigns and legal representatives.

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

AT&T CORP.

| By: | Jean | nelly | ا د | (April |
|-----|-------|---------|-----|--------|
| - | Jeane | tte Nan | D | 77 |

Assistant Secretary

AT&T Intellectual Property, LLC As General Partner for AT&T Intellectual Property II, L.P.

| STATE OF GEORGIA |) | |
|------------------|---|-----|
| |) | ss: |
| COUNTY OF COWETA |) | |

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this \mathcal{A} day of \mathcal{F} \mathcal{A} , 2016.

SEAL

Commission
Expires
Har 19 2018

Flancine McKee Notary Public

> PATENT REEL: 040955 FRAME: 0227

Attachment A

RECORDED: 01/12/2017

| Docket No. | Filing Dt. | App. No. | Grant Date | Pat. No. | Title |
|------------|--|-----------|--------------------|----------|---|
| | | | | | Speaker Identification With |
| 112126 | 8/22/1997 | 08/916662 | 6/15/1999 | 5913192 | User-Selected Password |
| | | | | | Phrases |
| 112193 | 93 3/13/2001 09/804041 4/16/2002 6374212 | 00/904041 | 4/16/2002 | 637/1212 | System And Apparatus For |
| 112195 | | 03/4212 | Recognizing Speech | | |
| 112193 | 9/30/1997 | 08/941379 | 6/19/2001 | 6249761 | Assigning And Processing |
| | | | | | States And Arcs Of A Speech |
| | | | | | Recognition Model In Parallel |
| | | | | | Processors |
| 112212 | E /21 /1007 | 08/861413 | 6/13/2000 | C07C0F7 | Unsupervised HMM |
| 112213 | 5/21/199/ | 00/001413 | 6/13/2000 | 00/005/ | Adaptation Based On Speech- Silence Discrimination |

PATENT REEL: 040955 FRAME: 0228