

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2862792

|                                                                                                                                                                                                 |                                           |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                            |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                           |                       |
|                                                                                                                                                                                                 | <b>Name</b>                               | <b>Execution Date</b> |
|                                                                                                                                                                                                 | AT&T DELAWARE INTELLECTUAL PROPERTY, INC. | 03/16/2012            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                           |                       |
| <b>Name:</b>                                                                                                                                                                                    | AT&T Intellectual Property I, LP          |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 675 W. Peachtree Street                   |                       |
| <b>Internal Address:</b>                                                                                                                                                                        | Suite 4000                                |                       |
| <b>City:</b>                                                                                                                                                                                    | Atlanta                                   |                       |
| <b>State/Country:</b>                                                                                                                                                                           | GEORGIA                                   |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 30308                                     |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                           |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>                      | <b>Number</b>         |
|                                                                                                                                                                                                 | Application Number:                       | 14280729              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                           |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (847)510-0710                             |                       |
| <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>Email:</b>                                                                                                                                                                                   | docketing@ggip.com                        |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | AT&T LEGAL DEPARTMENT - GG ATTN: PATENT   |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | ROOM 2A-207                               |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | ONE AT&T WAY                              |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | BEDMINSTER,, NEW JERSEY 07921             |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 7785-0860-01 (5 OF 5)                     |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | DOUGLAS SCHNABEL                          |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Douglas Schnabel/                        |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 05/20/2014                                |                       |
| <b>Total Attachments: 3</b>                                                                                                                                                                     |                                           |                       |
| source=7785-0860 Assignment - ATT Delaware IP Inc to ATT IP l#page1.tif                                                                                                                         |                                           |                       |
| source=7785-0860 Assignment - ATT Delaware IP Inc to ATT IP l#page2.tif                                                                                                                         |                                           |                       |
| source=7785-0860 Assignment - ATT Delaware IP Inc to ATT IP l#page3.tif                                                                                                                         |                                           |                       |

# RECORDABLE PATENT ASSIGNMENT

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

Effective on June 30, 2008, for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, AT&T Delaware IP hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to AT&T IP I all of AT&T Delaware IP'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 Delaware IP 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 Delaware IP 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 Delaware IP has caused this Recordable Patent Assignment to be executed by its duly authorized representative.

AT&T INTELLECTUAL PROPERTY  
MARKETING, INC.  
As successor in interest to AT&T  
DELAWARE INTELLECTUAL  
PROPERTY, INC.

By: Deborah W. Perantoni  
Deborah W. Perantoni  
Assistant Secretary

STATE OF Georgia )  
COUNTY OF Fulton ) ss:

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 11<sup>th</sup> day of April, 2011.

Linda S. Giles  
Notary Public



Witnesses:

3/16/2012

PATENT  
REEL: 026106 FRAME: 0693

PATENT  
REEL: 032931 FRAME: 0460

| ATTACHMENT "A" |                                                                                                                                                                                         |             |                   |                                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|--------------------------------|
| Serial No.     | Title                                                                                                                                                                                   | Filing Date | Client Docket No. | Guntin Meles & Gust Docket No. |
| 10/726,727     | SYSTEM AND METHOD FOR PROVIDING A PERSONALIZED CHANNEL                                                                                                                                  | 12-02-2003  | 02339             | 7785-0852                      |
| 10/606,677     | Hybrid fiber to the home/fiber to the curb telecommunications apparatus and methods                                                                                                     | 06-26-2003  | 030025            | 7785-0853                      |
| 10/881,852     | Terminals, methods, systems, and computer program products for providing video communications over a broadband connection based on a call via a public-switched telephone network       | 06-30-2004  | 040166            | 7785-0854                      |
| 10/836,941     | Methods of implementing dynamic QoS and/or bandwidth provisioning and related data networks, data service providers, routing gateways, and computer program products                    | 04-30-2004  | 030407            | 7785-0855                      |
| 11/311,522     | Methods, systems, and computer program products for selectively facilitating internet content and/or alerts on a television crawl screen, closed caption and/or picture-in-picture area | 12-19-2005  | 050106            | 7785-0856                      |
| 11/411,617     | Methods, systems, and computer program products for managing audio and/or video information via a web broadcast                                                                         | 04-26-2006  | 050162            | 7785-0857                      |
| 11/348,073     | Methods, DSL modems, and computer program products for provisioning DSL service using downloaded username/password                                                                      | 02-06-2006  | 050293            | 7785-0858                      |
| 11/348,049     | Methods and systems for providing supported DSL communications features as selections                                                                                                   | 02-06-2006  | 050294            | 7785-0859                      |
| 11/215,417     | System and method for content transmission network selection                                                                                                                            | 08-30-2005  | 01331             | 7785-0860                      |
| 11/650,277     | Methods, systems, and computer program products for categorizing/rating content uploaded to a network for broadcasting                                                                  | 01-05-2007  | 060167            | 7785-0861                      |
| 11/411,330     | Methods, systems, and computer program products for managing video information                                                                                                          | 04-26-2006  | 050161            | 7785-0862                      |
| 11/510,925     | METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A MEDIA FILE TO A DESIGNATED SET-TOP BOX                                                                                   | 08-28-2006  | 060182            | 7785-0863                      |
| 11/590,628     | Electronic devices for capturing media content and transmitting the media content to a network accessible media repository and methods of operating the same                            | 10-31-2006  | 060225            | 7785-0864                      |
| 11/590,008     | Methods, systems, and computer program                                                                                                                                                  | 10-31-2006  | 060224            | 7785-0865                      |

**PATENT**  
**REEL: 026106 FRAME: 0694**

**PATENT**  
**REEL: 032931 FRAME: 0461**

|            |                                                                                                                                                                                                        |            |        |           |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|-----------|
|            | products for managing media content by capturing media content at a client device and storing the media content at a network accessible media repository                                               |            |        |           |
| 11/551,428 | Methods, Systems, And Computer Program Products For Selecting And Inserting Advertising Into Slots In Broadcast Content                                                                                | 10-20-2006 | 060258 | 7785-0866 |
| 11/760,860 | SYSTEM AND METHOD FOR INSERTING ADVERTISING CONTENT IN BROADCAST PROGRAMMING                                                                                                                           | 06-11-2007 | 01330  | 7785-0867 |
| 11/418,908 | Methods, computer networks, and computer program products that facilitate providing broadband services wirelessly to third party users via a mesh network of customer premise equipment                | 05-05-2006 | 050015 | 7785-0868 |
| 11/583,225 | Control gateways that control consumer electronic devices responsive to RF command signals                                                                                                             | 10-19-2006 | 060272 | 7785-0869 |
| 12/504,862 | Methods, Systems and Computer Program Products for Controlling Devices Using Portable Electronic Devices                                                                                               | 06-17-2009 | 070285 | 7785-0870 |
| 12/504,877 | Methods, Systems and Computer Program Products for Tailoring Advertisements to a User Based on Actions Taken Using a Portable Electronic Device                                                        | 07-17-2009 | 070286 | 7785-0871 |
| 12/191,444 | System and Method for Content Transmission Network Selection                                                                                                                                           | 08-14-2008 | 01331  | 7785-0872 |
| 12/945,634 | METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR ALLOCATING DIFFERENT QUALITY OF SERVICE/BANDWIDTH ALLOCATION TO SUBSCRIBERS HAVING DIFFERENT LEVELS OF SUBSCRIPTION SERVICE FOR INTERACTIVE GAMING | 11-12-2010 | 030410 | 7785-0873 |
| 12/372,407 | SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MANAGING QUALITY OF SERVICE, SESSION AUTHENTICATION AND/OR BANDWIDTH ALLOCATION IN A REGIONAL/ACCESS NETWORK (RAN)                                  | 02-17-2009 | 030312 | 7785-0874 |

**PATENT**  
**REEL: 026106 FRAME: 0695**

**RECORDED: 05/20/2014**

**PATENT**  
**REEL: 032931 FRAME: 0462**