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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONALD LEWIS RANDOLPH	06/25/2008
BRADLEY C. GRINER	06/25/2008
JEFFREY WALTER ZIMMERMAN	06/25/2008

RECEIVING PARTY DATA

Name:	AT&T INTELLECTUAL PROPERTY I, L.P.	
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State/Country:	GEORGIA	
Postal Code:	30308	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14868027

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2007-1553 CON1 (00755)	
NAME OF SUBMITTER:	MINDY MAYER	
SIGNATURE:	/mindy mayer/	
DATE SIGNED:	09/28/2015	

Total Attachments: 4

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> **PATENT** REEL: 036673 FRAME: 0271 503499379

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PATENT REEL: 036673 FRAME: 0272

ASSIGNMENT

WHEREAS, **DONALD LEWIS RANDOLPH**, a citizen of the United States of America, residing at 15632 W. 83rd Terrace, Lenexa, Kansas 66219, and **BRADLEY C GRINER**, a citizen of the United States of America, residing at 235 Ward Parkway, Kansas City, Missouri 64112, and **JEFFREY WALTER ZIMMERMAN**, a citizen of the United States of America, residing at 8731 Dunraven, Lenexa, Kansas 66227, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **Digital Television Channel Trending**, Attorney Docket No. 130332.00389 (AT&T No. 2007-1553), for a full description of which reference is here made to an application for Letters Patent of the United States filed on **June 25, 2008** and assigned Application Serial No. **12/146330**; and

WHEREAS, AT&T INTELLECTUAL PROPERTY I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, hereinafter called the "Assignee," desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Serial No. above, if required.

PATENT REEL: 036673 FRAME: 0273 AND said Assignors authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignors, on the date(s) listed below.

NAME OF FIRST INVENTOR	DONALD LEWIS RANDOLPH
SIGNATURE OF FIRST INVENTOR	V.M. he let
DATE	6/25/08
WITNESSES FOR FIRST INVENTOR	
FIRST WITNESS:	$ \sim$ \sim \sim \sim
SIGNATURE / DATE	Jon 1/6-25-08
FULL NAME PRINTED	JASON G. Hue
SECOND WITNESS:	
SIGNATURE / DATE	Binjamin Hillman 6/25/0
FULL NAME PRINTED	Benjamin Hillman

NAME OF SECOND INVENTOR	BRADLEY C. GRINER
SIGNATURE OF SECOND INVENTOR	Bur Can
DATE	(ol25/08
WITNESSES FOR SECOND INVENTOR	
FIRST WITNESS:	/ /
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FULL NAME PRINTED	Jason G. Ann
SECOND WITNESS:	1.11
SIGNATURE / DATE	Binjamin Hillman 1/25/0
FULL NAME PRINTED	- Osniamin Hillman

NAME OF THIRD INVENTOR	JEFFREY WALTER ZIMMERMAN
SIGNATURE OF THIRD INVENTOR	Allry Walter Zin
DATE	6-25-08
WITNESSES FOR THIRD INVENTOR	
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FULL NAME PRINTED	Irson G. HLL
SECOND WITNESS:	
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