

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHAOXIN CHARLES QIU	02/05/2007
JEFFREY L. SCRUGGS	02/07/2007
JOHN E. LEMAY	02/05/2007
JESSIE TSAE-JIUAN LEE	02/05/2007
DIANA MARIA CANTU	02/05/2007
<b>RECEIVING PARTY DATA</b>	
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<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:	15407396
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)580-9696
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<b>ATTORNEY DOCKET NUMBER:</b>	2006-A0843-CON-2
<b>NAME OF SUBMITTER:</b>	STEVEN L. WEBB
<b>SIGNATURE:</b>	/Steven L. Webb/
<b>DATE SIGNED:</b>	01/30/2017
<b>Total Attachments: 4</b>	

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## ASSIGNMENT

WHEREAS, CHAOXIN CHARLES QIU, a citizen of the United States of America, residing at 10720 Bramblecrest, Austin, TX 78726, U.S.A., JEFFREY L. SCRUGGS, a citizen of the United States of America, residing at 8323 Liberty Walk Dr., Round Rock, TX 78681, U.S.A., JOHN E. LEMAY, a citizen of Canada, residing at 7305 Cissus Cove, Austin, TX 78759, U.S.A., JESSIE TSAE-JUAN LEE, a citizen of the United States of America, residing at 10005 Swan Valley, Austin, TX 78759, U.S.A., and DIANA MARIA CANTU, a citizen of the United States of America, residing at 16308 Double Eagle, Austin, TX 78717, U.S.A.; hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "METHODS AND APPARATUS TO PROVIDE MESSAGES TO TELEVISION USERS", Attorney Docket No. 20103/2006-843, for a full description of which reference is here made to an application for Letters Patent of the United States filed on 1/31/07 and assigned Application Serial No. 11/669,591; and

WHEREAS, AT&T KNOWLEDGE VENTURES, 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 do 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.

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: Chaoxin Charles Qiu

Signature of First Inventor: *Chaoxin Charles Qiu*

Date: 2/5/2007

Witnesses for First Inventor

First Witness:

*Timothy P. Schroeder* 2/5/2007  
Signature / Date

Timothy P. Schroeder  
Full Name (printed)

Second Witness:

*Diane L. Paruk* 2/05/2007  
Signature / Date

Diane L. Paruk  
Full Name (printed)

Name of Second Inventor: Jeffrey L. Scruggs

Signature of Second Inventor: *Jeffrey L. Scruggs*

Date: 2-7-07

Witnesses for Second Inventor

First Witness: *Diana L. Panek* 2/07/2007  
Signature / Date

Diana L. Panek  
Full Name (printed)

Second Witness: *[Signature]* 02-07-07  
Signature / Date

SAJI VARUGHESE  
Full Name (printed)

Name of Third Inventor: John E. Lemay

Signature of Third Inventor: *John E. Lemay*

Date: 02/05/2007

Witnesses for Third Inventor


First Witness: *Timothy P. Schroeder* 2/5/2007  
Signature / Date

Timothy P. Schroeder  
Full Name (printed)

Second Witness: *Diana L. Panek* 2/05/2007  
Signature / Date

Diana L. Panek  
Full Name (printed)

Name of Fourth Inventor: Jessie Tsae-Jiuan Lee

Signature of Fourth Inventor: 

Date: 2/5/2007

Witnesses for Fourth Inventor

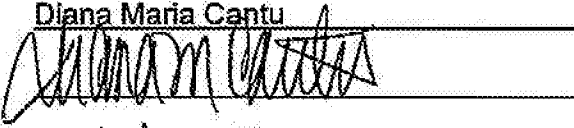
First Witness:  2/5/2007  
Signature / Date

Timothy P. Schroeder  
Full Name (printed)

Second Witness:  2/5/2007  
Signature / Date

Diana L. Paruk  
Full Name (printed)

Name of Fifth Inventor: Diana Maria Cantu

Signature of Fifth Inventor: 

Date: 2/5/2007

Witnesses for Fifth Inventor

First Witness:  2/5/2007  
Signature / Date

Timothy P. Schroeder  
Full Name (printed)

Second Witness:  2/5/2007  
Signature / Date

Diana L. Paruk  
Full Name (printed)