PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS M. NORTZ	05/10/2011
MARK W. ALTOM	05/10/2011
ROBERT J. SAYKO	05/10/2011

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15625540

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ATTORNEY DOCKET NUMBER:	2010-0775CON3_10254-186-4	
NAME OF SUBMITTER:	MAMMEN P. ZACHARIAH, JR.	
SIGNATURE:	/Mammen P. Zachariah, Jr./	
DATE SIGNED:	06/16/2017	

Total Attachments: 3

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> **PATENT REEL: 042736 FRAME: 0276**

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PATENT REEL: 042736 FRAME: 0277

Attorney Docket No.: 2010-0775

ASSIGNMENT

WHEREAS, <u>Douglas M. Nortz</u>, a citizen of the United States of America, residing at 20 Lombardi Court, Red Bank, New Jersey 07701 in the County of Monmouth; <u>Mark W. Altom</u>, a citizen of the United States of America, residing at 1726 Merriam Drive, Martinsville, New Jersey 08836 in the County of Somerset; <u>Robert J. Sayko</u>, a citizen of the United States of America, residing at 4 Sycamore Place, Colts Neck, New Jersey 07722 in the County of Monmouth, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled "System and <u>Method for Delivering Content Over a Multicast Network</u>," Attorney Docket No. 2010-0775, for a full description of which reference is here made to an application for Letters Patent of the United States filed herewith; 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 Assignor has 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 Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor 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 Assignor authorizes and requests 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.

Attorney Docket No.: 2010-0775

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.			
Name of Inventor:	Douglas M. Nortz		
Signature of Inventor:	(Jugli Mot		
Date:	5/10/2011		
United States of America) State of New Tessey) County of Normouth)	1		
On this 10 day of 4 day the individual described in and who same.	_, 2011, before me personally came Douglas M. Nortz , to me known to be executed the foregoing instrument, and acknowledged execution of the		
0	Notary Bublic KAREN M. CREDLE A NOTARY OF NEW JERSEY		
M	MY COMMISSION EXPIRES AUGUST 25, 2013		
Name of Inventor:	Mark W. Altom		
Signature of Inventor:	March W. alton		
Date;	5/10/11		
United States of America) State of New Tersor) County of Monmouth)	· !		
On this 10 day of May individual described in and who exec	, 2011, before me personally came Mark W. Altom, to me known to be the cuted the foregoing instrument, and acknowledged execution of the same.		
MY COM	Notary Of New Jersey Mission expires august 25, 2013		

Attorney Docket No.: 2010-0775

Name of Inventor:

Signature of Inventor:

Date:

Robert J. Sayko

Robert J. Sayko

Robert J. Sayko

Robert J. Sayko

United States of America)
State of New Jersey)
County of Monmouth)

On this 10 day of May, 2011, before me personally came Robert J. Sayko, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

KAREN M. CREDLE A NOTARY OF NEW JERSEY MY COMMISSION EXPIRES AUGUST 25, 2013