

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4948056

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DOUGLAS MEDINA	06/24/2010
FRANK COPPA	06/24/2010
ROBERT JOHNSTON	06/23/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T INTELLECTUAL PROPERTY I, L.P.
<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>
<b>Application Number:</b>	15971984
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)696-8731
<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>Phone:</b>	404-927-2780
<b>Email:</b>	epas@thepatentattorneys.com
<b>Correspondent Name:</b>	AT&T LEGAL DEPARTMENT - T&W ATTN: PATEN
<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>	2009-1484CON3/ATTWP450USD
<b>NAME OF SUBMITTER:</b>	THOMAS E. WATSON
<b>SIGNATURE:</b>	/Thomas E. Watson/
<b>DATE SIGNED:</b>	05/04/2018
<b>Total Attachments: 5</b>	
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2009-1484

ASSIGNMENT OF INVENTION  
TO  
AT&T INTELLECTUAL PROPERTY I, L.P.

WHEREAS, Douglas Medina of Grad Valley, Missouri; Frank Coppa of Kansas City, Missouri; Robert Johnston of Atlanta, Georgia (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **SCALING CONTENT COMMUNICATED OVER A NETWORK** which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 2009-1484, in the patent files of AT&T INTELLECTUAL PROPERTY I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a principal place of business at 645 E. Plumb Lane, Reno, Nevada 89502.

I hereby authorize and request Turocy & Watson, LLP, to insert here in parentheses (Application No. 15/428,903, filed 09-FEB-2017) the filing date and application number of said application when known or to file this Assignment concurrently with the application.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these present do sell, assign and transfer unto AT&T INTELLECTUAL PROPERTY I, L.P. the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said AT&T INTELLECTUAL PROPERTY I, L.P. for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

2009-1484

ASSIGNMENT OF INVENTION  
To  
AT&T INTELLECTUAL PROPERTY I, L.P.

Signed:

Date:

*Douglas Medina*  
DOUGLAS MEDINA

06/24/2010

**CERTIFICATE OF ACKNOWLEDGMENT**

State of KANSAS

County of JOHNSON

On June 24, 2010 before me, JAMES RIFENBARK, NOTARY PUBLIC  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared DOUGLAS MEDINA  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

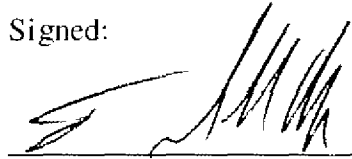


*James Rifenburg*  
Signature of Notary Public

2009-1484

ASSIGNMENT OF INVENTION  
To  
AT&T INTELLECTUAL PROPERTY I, L.P.

Signed:

  
FRANK COPPA

Date:

6/24/2010

**CERTIFICATE OF ACKNOWLEDGMENT**

State of KANSAS

County of SONNISON

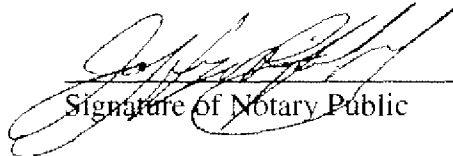
On June 24 2010 before me, JAMES RISENBARK NOTARY PUBLIC,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared FRANK COPPA  
Name(s) of Signer(s)

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WITNESS my hand and official seal.



  
Signature of Notary Public

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Signed:

Date:

  
ROBERT JOHNSTON

6/23/2010

CERTIFICATE OF ACKNOWLEDGMENT

State of GEORGIA

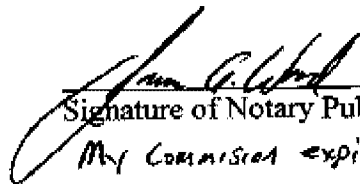
County of WHITE

On JUNE 23 2010 before me, JAMES A. WOOD  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared ROBERT JOHNSTON  
Name(s) of Signer(s)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public  
My Commission expires  
21 JAN 2012