

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT				
EFFECTIVE DATE:	12/27/2007				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>AT&amp;T Labs, Inc.</td> <td>02/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	AT&T Labs, Inc.	02/12/2013
Name	Execution Date				
AT&T Labs, Inc.	02/12/2013				
RECEIVING PARTY DATA					
Name:	AT&T Intellectual Property I, L.P.				
Street Address:	675 W. Peachtree Street				
City:	Atlanta				
State/Country:	GEORGIA				
Postal Code:	30308				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13754443</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13754443
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Application Number:	13754443				
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Date:	07/22/2013				
Total Attachments: 2 source=nunc_pro_tunc_assignment#page1.tif source=nunc_pro_tunc_assignment#page2.tif					

CH \$40.00 13754443

## NUNC PRO TUNC PATENT ASSIGNMENT

**WHEREAS**, AT&T Labs, Inc., (hereinafter referred to as "AT&T Labs"), a Delaware corporation with an address of 9505 Arboretum Blvd., Austin, TX 78759-6392, and AT&T Intellectual Property I, L.P., (hereinafter referred to as "AT&T Intellectual Property I"), a Nevada Partnership, with an address of 675 W. Peachtree Street, Atlanta, GA 30308 (AT&T Labs and AT&T Intellectual Property I, hereinafter collectively referred to as ("the Parties")) agree that Srinivas Bangalore, Mazin Gilbert, and Narendra Gupta (the "Inventors") listed on application serial number 13/754443, filed on January 30, 2013, and entitled "Network Optimized Content Delivery for High Demand Non-Live Contents", was under an obligation to assign all right, title, and interest to the inventions described therein to AT&T Intellectual Property I, or a predecessor in interest to AT&T Intellectual Property I, at the time of such inventions; and

**WHEREAS**, through a clerical error, the Inventors' executed an assignment document that purported to assign all of the Inventors' right, title and interest to the inventions to AT&T Labs; and

**WHEREAS**, the Parties agree that the Inventors' purported assignment to AT&T Labs was defective when the assignment document was executed by the Inventors's insofar as the Inventors's' right, title, and interest is concerned; and

**WHEREAS**, the Parties agree that AT&T Intellectual Property I therefore owns the Inventors's' right, title, and interest in and to said inventions, patents, and applications including the right to sue for past infringement; and

**WHEREAS**, to the extent AT&T Labs owns the Inventors' right, title, or interest in or to the inventions, patents, and applications, AT&T Labs desires to assign any such of the Inventors's' right, title, or interest to AT&T Intellectual Property I including the right to sue for past infringement; and

**NOW, THEREFORE**, for and in consideration of Ten United States Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, AT&T Labs assigns to AT&T Intellectual Property I *nunc pro tunc*, all of the Inventors's' right, title and interest including the right to sue for past infringement in and to said application and all patent which may be granted therefore, and all divisions, reissues, reexaminations, and continuations thereof; and AT&T Labs hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting there from, insofar as AT&T Lab's interest in the Inventors' rights is concerned, to AT&T Intellectual Property I. AT&T Intellectual Property I retains all rights, title and interest in said application from the inventors other than the Inventors'. This Nunc Pro Tunc does not transfer the right, title or interest of AT&T Intellectual Property I from any other inventors to AT&T Intellectual Property I.

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed on the dates and in the capacities shown below.

**AT&T Services, Inc.**

By: Deborah W. Peroutka  
Title: Assistant Secretary  
*AT&T Services, as Successor-in-Interest to  
AT&T Labs, Inc.*  
Date: 2/12/13

**AT&T Intellectual I, L.P**

By: Deborah W. Peroutka  
Title: Assistant Secretary  
*By its General Partner AT&T Intellectual  
Property Inc.*  
Date: 2/12/13