

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3817714

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	WILLIAM HOPKINS	03/18/2016
	WILLIAM R. POWER	03/18/2016
RECEIVING PARTY DATA		
Name:	LEVEL 3 COMMUNICATION, LLC	
Street Address:	1025 ELDORADO BOULEVARD	
City:	BROOMFIELD	
State/Country:	COLORADO	
Postal Code:	80021	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	62143573
	Application Number:	15091454
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	patent.docketing@level3.com	
Correspondent Name:	LEVEL 3 COMMUNICATIONS, LLC	
Address Line 1:	1025 ELDORADO BOULEVARD	
Address Line 4:	BROOMFIELD, COLORADO 80021	
ATTORNEY DOCKET NUMBER:	0525-US-P1,U1	
NAME OF SUBMITTER:	JANAE ALLABASTRO	
SIGNATURE:	/Janae Allabastro for Gregory Durbin/	
DATE SIGNED:	04/06/2016	
Total Attachments: 3		
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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

Assignor/Inventor:

Name of Assignor: **William Hopkins**
City and State of Residence: **Brighton, Colorado**

Name of Assignor: **William R. Power**
City and State of Residence: **Boulder, Colorado**

Assignee:

Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, Colorado 80021

PROVISIONAL PATENT APPLICATION SUBJECT TO THE ASSIGNMENT (the “Provisional Application”):

Provisional Patent Application No.: **62/143,573**
Filing Date: **April 6, 2015**
Title: **SERVER SIDE CONTENT DELIVERY NETWORK QUALITY
OF SERVICE**
Attorney Docket No. **0525-US-P1**

WHEREAS, the Assignor identified above has invented certain new and useful inventions for which the patent application for Letters Patent identified above has been prepared for filing with the United States Patent and Trademark Office.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is acknowledged, Assignor has agreed to assign and transfer and does hereby assign and transfer unto the Assignee identified above, its successors and assigns, the entire right, title, and interest in and to said invention and the Application, including any additional provisional application with the same docketing prefix of 0525 or non-provisional application that claims priority to the Provisional Application, and in and to any United States of America and foreign applications that claim priority to the Application, any divisional or continuation (in whole or in part) of said Application, and in and to any and all improvements in said invention made by Assignor (provided any such improvement is made during, or within one year after the termination, of the employment by said Company of Assignor), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and

countries foreign thereto including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in the United States of America and all foreign countries in its own name and any priority rights for such United States of America and foreign applications to which such applications or the Assignor are entitled under international conventions, treaties, or otherwise which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;

Assignor further agrees for Assignor and for Assignor's heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as Assignor lawfully may, that may be deemed necessary by said Assignee, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid to obtain to maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

Assignor hereby authorizes Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the title, application number and filing date of the Provisional Application and any non-provisional claiming priority to the Provisional Application once known;

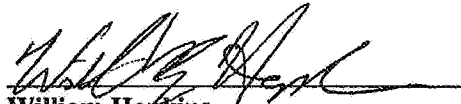
Assignor hereby acknowledges that Assignee's internal and external counsel have represented only Assignee and will continue to represent only Assignee with respect to this invention;

Assignor hereby acknowledges an obligation of assignment and transfer of this invention and Application to Assignee at the time the invention was made; and

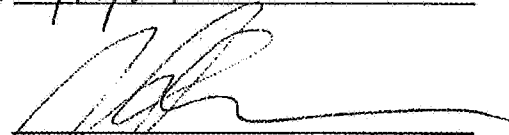
Assignor hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to said Assignee, as the assignee of the entire right, title, and interest therein.

Assignor and Assignee hereby agree that this assignment is governed by the laws of the state of Colorado of the United States of America and subject to the non-exclusive jurisdiction of the courts of the state of Colorado of the United States of America.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

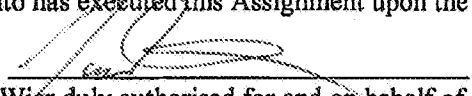
By: 
William Hopkins

Dated: 3/18/2016

By: 
William R. Power

Dated: 3/18/2016

IN WITNESS WHEREOF, the Assignee hereunto has executed this Assignment upon the date indicated below.

By: 
David Wier duly authorised for and on behalf of
Level 3 Communications, LLC

Dated: 4/4/2016

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