

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JEFFREY G. KOLLER	01/24/2012
RECEIVING PARTY DATA		
Name:	LEVEL 3 COMMUNICATIONS, LLC	
Street Address:	1025 ELDORADO BLVD.	
City:	BROOMFIELD	
State/Country:	COLORADO	
Postal Code:	80021	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	13724102	
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	0234-US-U2	
NAME OF SUBMITTER:	JONATHAN C. SIEKMANN	
SIGNATURE:	/Jonathan C. Siekmann/	
DATE SIGNED:	05/06/2014	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, I, Jeffrey G. **KOLLER**, residing at 3549 Glen Abbey Lane, Oxnard, CA (hereinafter, individually the "Assignor"), have invented certain new and useful inventions for which a non-provisional patent application for Letters Patent has been prepared for filing with the United States Patent and Trademark Office having application no. 13/724,102, filed DECEMBER 21, 2012, entitled "**MEDIA RESOURCE STORAGE AND MANAGEMENT**," and having Attorney Docket No. 0234-US-11.

NOW THEREFORE, for good and valuable consideration, receipt of which is acknowledged, Assignor has agreed to assign and transfer and does hereby assign and transfer unto **Level 3 Communications, LLC** ("Assignee"), a limited liability company organized and existing under the laws of the State of Delaware, having its principal office at 1025 Eldorado Boulevard, Broomfield, Colorado 80021, its successors and assigns, the entire right, title, and interest in and to said invention and applications, and in and to any application from which said application claims priority, 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 foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications 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 Company, 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 application number and filing date of the Patent 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 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 Company, as the assignee of the entire right, title, and interest therein.

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

STATE OF Ca.)
CITY OF Cupertino) ss.
COUNTY OF Santa Clara)

By:

Jeffrey G. KOLLER

Dated:

1/24/2012

Before me, a Notary Public in and for said County and State, personally appeared Jeffrey G. KOLLER, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 24 day of Jan, 2012.

John B. Sorci
Notary Public

My Commission Expires: 1 Oct 2014

