

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4992093

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MAKSIM YEVMENKIN	09/09/2011
	CHRISTOPHER NEWTON	09/09/2011
	DAVID FULLAGAR	09/16/2011
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:	15996849	
CORRESPONDENCE DATA		
Fax Number:	(720)888-5619	
<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:	kathleen.mcinnish@centurylink.com	
Correspondent Name:	LEVEL 3 COMMUNICATIONS, LLC	
Address Line 1:	1025 ELDORADO BLVD.	
Address Line 4:	BROOMFIELD, COLORADO 80021	
ATTORNEY DOCKET NUMBER:	0376-US-C2	
NAME OF SUBMITTER:	JONATHAN C. SIEKMANN	
SIGNATURE:	/Jonathan C. Siekmann/	
DATE SIGNED:	06/05/2018	
Total Attachments: 3		
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source=376_US_C1_assign#page2.tif		
source=376_US_C1_assign#page3.tif		

**ASSIGNMENT of U.S. and Foreign Patent Rights
to Level 3 Communications, LLC**

Attorney Docket No. 0376-US-U1

(Inventors) Maksim YEVMENKIN of 427 SUNDANCE STREET, THOUSAND OAKS, CA 91360, U.S.A.
Christopher NEWTON of 981 Via Colinas, Westlake Village, CA 91362-5050, U.S.A.
David FULLAGAR of 775 Cherryvale Road, Boulder, CO 80303, U.S.A.

(Title) In consideration of the sum of one dollar (\$1.00) and other good valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to **Level 3 Communications, LLC** ("Level 3"), a corporation of Delaware, having an office and place of business at 1025 Eldorado Blvd., Broomfield, Colorado, the undersigned's entire right, title and interest in the invention, all applications filed therefor for patent in the United States and in foreign countries (including divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexamination applications, extensions, and all other patent applications that have been or shall be filed on the invention), all Letters Patent (including original patents, reissued patents, reexamination certificates, and extensions) which may be granted therefor in the United States and in foreign countries, and all rights of priority resulting from the filing of any such application, for the invention known as:

Extending Caching Network Functionality To An Existing Streaming Media Server
for which the undersigned has (have) already filed U.S. application Serial No. 13/224,507 on September 2, 2011, and PCT International application No. PCT/US11/50343 on September 2, 2011.

The undersigned acknowledges an obligation of assignment of this invention to Level 3 at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any provisional-completion, utility, design, continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as Level 3 may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States and corresponding foreign patents to Level 3.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to Level 3, as assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Davidson Berquist Jackson & Gowdey, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that Level 3's attorneys Davidson Berquist Jackson & Gowdey LLP have represented only Level 3 and will continue to represent only Level 3 with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: 9/9/2011

Inventor: [Signature]
Maksim YEVMENKIN

Witness: [Signature]

Date: 9/9/2011

Inventor: [Signature]
Christopher NEWTON

Witness: [Signature]

Date: 9/16/2011

Inventor: [Signature]
David FULLAGAR

Witness: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of VENTURA

On 9 SEPT 2011 before me,

N. DuFrene, Notary Public

Here Insert Name and Title of the Officer

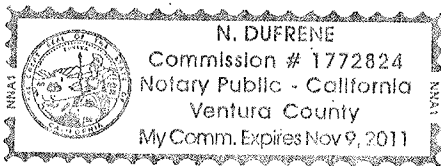
personally appeared

MAKSIM YEUMENKIN

Name(s) of Signer(s)

CHRISTOPHER NEWTON

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: INVENTORS DECLARATION FOR PATENT APPLICATION

Document Date: 2 SEPT 2011

Number of Pages: 2

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
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On 9 SEPT 2011 before me,

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Here Insert Name and Title of the Officer

personally appeared

MAKSIM YEUMENKIN

Name(s) of Signer(s)

CHRISTOPHER NEWTON

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

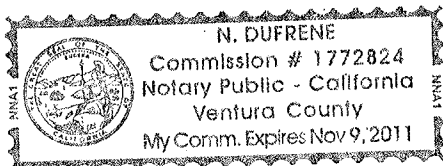
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

Place Notary Seal Above



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Description of Attached Document

Title or Type of Document: ASSIGNMENT OF U.S. & FOREIGN PATENT RIGHTS

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

PATENT

RECORDED: 06/05/2018

REEL: 045991 FRAME: 0867