504641127 11/14/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4687847

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAWRENCE WAYNE GOWIN	12/21/2012
MATTHEW DAVID FLYNN	11/15/2012
MARK MICHAEL WARREN	11/06/2013
RICKY LYNN NOONER	11/08/2012

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:	15811480

CORRESPONDENCE DATA

Fax Number: (720)888-5619

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.

Email: kathleen.mcinnish@level3.com
Correspondent Name: LEVEL 3 COMMUNICATIONS, LLC

Address Line 1: 1025 ELDORADO BLVD.

Address Line 4: BROOMFIELD, COLORADO 80021

ATTORNEY DOCKET NUMBER:	0395-US-C1
NAME OF SUBMITTER:	JONATHAN C. SIEKMANN
SIGNATURE:	/Jonathan C. Siekmann/
DATE SIGNED:	11/14/2017

Total Attachments: 6

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PATENT 504641127 REEL: 044119 FRAME: 0398

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PATENT REEL: 044119 FRAME: 0399

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WHEREAS, I, Lawrence Wayne Gowin, residing at 4343 West 117th Way, Westminster, CO 80031, Matthew David Flynn, residing at 3112 Longhorn Ct., Fort Collins, CO 80526, Mark Michael Warren, residing at 111 Franklin St., Stoneham, MA 02180, and Ricky Lynn Nooner, residing at 4261 Broemel Ave., Broomfield, CO 80020 (hereinafter, individually and collectively 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. 13/673,550, filed November 9, 2012, entitled "SYSTEMS AND METHODS FOR AUTOMATIC REPLACEMENT AND REPAIR OF COMMUNICATIONS NETWORK DEVICES," and having Attorney Docket No. 0395-US-U1 (the "Application").

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 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 the Application, including any provisional application to which said Application claims priority, and in and to any United States of America and foreign applications that claims 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 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 Application once known;

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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.

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: Lawrence Wayne Gowi

Dated: /2/21/12

STATE OF () orado) CITY OF Quantiel) ss. COUNTY OF Boombold)

Before me, a Notary Public in and for said County and State, personally appeared Lawrence Wayne Gowin, 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 A day of Cense (, 2012.

STATE OF STA

Notary Public

My Commission Expires:

3192598.1

	· _
	Ву:
	Matthew David Flynn
	Dated: 11/15/2012
STATE OF COLORAGO) CITY OF Brown Bleed) ss. COUNTY OF Brown Bud)	
	id County and State, personally appeared erson whose name is subscribed to the foregoing ecuted the same for the purposes and
Given under my hand and seal of office	this K day of Asserber, 2012.
SEA LOME	Notary Public My Commission Expires: 1910/13
WATE OF CO	By: Mark Michael Warren
	Dated:
STATE OF) CITY OF) ss. COUNTY OF)	
Before me, a Notary Public in and for sa Michael Warren, known to me to be the person instrument, and acknowledged to me that he execonsiderations therein expressed.	5 5
Given under my hand and seal of office	this, 2012.
SEAL	Notary Public
	My Commission Expires:

·	
	By:
	Matthew David Flynn
	Dated:
	Dated.
STATE OF MASSACHUSETTS) CITY OF STOVEHAM) ss. COUNTY OF MUDLESEX)	
· · · · · · · · · · · · · · · · · · ·	aid County and State, personally appeared berson whose name is subscribed to the foregoing ecuted the same for the purposes and
Given under my hand and seal of office	this 6 day of No. , 2012.
SEAL	And Dure
GERARD DIFRUSCIA Notary Public COMMONWEALTH OF MASSACRUSETTS My Commission Expires	Notary Public My Commission Expires: 11/3/2017
November 3, 2017	By: 1 16
	Mark Michael Warren
	Dated: 11/6/2013

	By: Ricky Lyna Noous
	Ricky Lyna Nooner
	Dated: 11/8/2012
STATE OF CO CITY OF Broom field) ss. COUNTY OF Broom field)	
CITY OF 13 room field) ss.	
COUNTY OF Broom ()	

Before me, a Notary Public in and for said County and State, personally appeared Ricky Lynn Nooner, 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 <u>8</u> day of <u>Nov</u>, 2012.

NOTARY PUBLIC State of StoAtrado My Commission Expires July 13

My Commission Expires: 7-13-2014

IN WITNESS WHEREOF, the Assig	nee 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:
STATE OF Golorado) CITY OF Government) ss.	
CITY OF Something) ss.	
COUNTY OF GOOD ROLD	

Before me, a Notary Public in and for said County and State, personally appeared David Wier, 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 day of how get, 2012.



My Commission Expires: 11/1/13

PATENT REEL: 044119 FRAME: 0405

RECORDED: 11/14/2017