

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the I'm re-recording to remove 12/839,923 previously recorded on Reel 024711 Frame 0217. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Richard Wall	01/24/2002
Gary Ryczek	01/24/2002
James Loukatos	01/24/2002
Alex Henes	01/24/2002
Jeffrey Martin	01/24/2002
Brett Hollman	01/24/2002
Thomas G. Hoople	01/24/2002
George T. Joseph	01/25/2002
Troy Kau	04/24/2007

RECEIVING PARTY DATA

Name:	Level 3 Communications, LLC
Street Address:	1025 Eldorado
City:	Broomfield
State/Country:	COLORADO
Postal Code:	80021

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12839323

CORRESPONDENCE DATA

Fax Number: (720)888-5619
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 720-888-3539
Email: david.wier@level3.com
Correspondent Name: David D. Wier
Address Line 1: 1025 Eldorado Blvd.

501251531

PATENT
REEL: 024783 FRAME: 0327

OP \$40.00 12839323

Address Line 4: Broomfield, COLORADO 80021

ATTORNEY DOCKET NUMBER:

0010-US-C2

NAME OF SUBMITTER:

David D. Wier

Total Attachments: 13

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TO:DAVID D. WIER COMPANY:1025 ELDORADO BLVD.

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.107/20/2010
501237318

SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Richard Wall</td><td>02/24/2002</td></tr><tr><td>Gary Ryczek</td><td>02/24/2002</td></tr><tr><td>James Loukatos</td><td>02/24/2002</td></tr><tr><td>Alex Hanes</td><td>02/24/2002</td></tr><tr><td>Jeffrey Martin</td><td>02/24/2002</td></tr><tr><td>Brett P. Hollman</td><td>02/24/2002</td></tr><tr><td>Thomas G. Hoople</td><td>02/24/2002</td></tr><tr><td>George T Joseph</td><td>02/24/2002</td></tr><tr><td>Troy Kau</td><td>04/24/2007</td></tr></tbody></table>		Name	Execution Date	Richard Wall	02/24/2002	Gary Ryczek	02/24/2002	James Loukatos	02/24/2002	Alex Hanes	02/24/2002	Jeffrey Martin	02/24/2002	Brett P. Hollman	02/24/2002	Thomas G. Hoople	02/24/2002	George T Joseph	02/24/2002	Troy Kau	04/24/2007
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OP \$40.00 12839923

TO: DAVID D. WIER COMPANY: 1025 ELDORADO BLVD.

ATTORNEY DOCKET NUMBER:	0010-US-C2
NAME OF SUBMITTER:	David D. Wier
<p>Total Attachments: 8</p> <p>source=20100720Assignments#page1.tif</p> <p>source=20100720Assignments#page2.tif</p> <p>source=20100720Assignments#page3.tif</p> <p>source=20100720Assignments#page4.tif</p> <p>source=20100720Assignments#page5.tif</p> <p>source=20100720Assignments#page6.tif</p> <p>source=20100720Assignments#page7.tif</p> <p>source=20100720Assignments#page8.tif</p>	

ASSIGNMENT

WHEREAS, we, Richard L. Wall, residing at 5856 West 112th Place, Broomfield, CO 80020, Gary L. Ryczek, residing at 1390 South Marion Street, Denver, CO 80210, James A. Loukatos, residing at 13550 Detroit Street, Thornton, CO 80241, Alex J. Henes, residing at 3763 Osceola Street, Denver, CO 80212, Jeffrey L. Martin, residing at 5851 Teal Street, Frederick, CO 80504, Brett P. Hollman, residing at 2039 West Centennial Drive, Louisville, CO 80027, Thomas G. Hoople, residing at 1822 West Mountain Daisy Court, Highlands Ranch, CO 80126 and George T. Joseph, residing at 1620 Platte St., Apt. 227, Denver, CO 80202, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on January 25, 2002, which is entitled AUTOMATED INSTALLATION OF NETWORK SERVICE IN A TELECOMMUNICATIONS NETWORK.

AND WHEREAS, Level (3) Communications, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1025 Eldorado Blvd., Broomfield, CO 80021 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

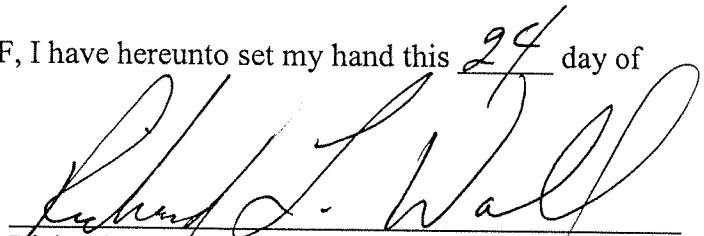
NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the

Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

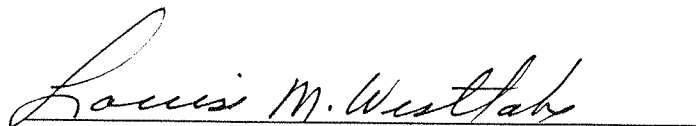
IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of January, 2002.

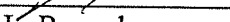

Richard L. Wall

STATE OF Colorado)
) ss.
COUNTY OF Broomfield)

On this 24th day of January, 2002, before me personally appeared Richard L. Wall to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public



Gary L. Ryczek


STATE OF Colorado)
) ss.
COUNTY OF Broomfield)

On this 24th day of January, 2002, before me personally appeared Gary L. Ryczek to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Laurie M. Westlich
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of January, 2002.


James A. Loukatos

STATE OF Colorado)
) ss.
COUNTY OF Broomfield)

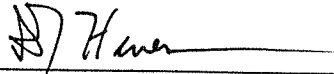
On this 24th day of January, 2002, before me personally appeared James A. Loukatos to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Lauris M. Westlake
Notary Public

11-002002

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of January, 2002.

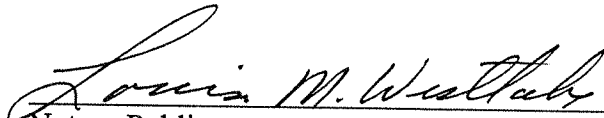


Alex J. Henes

STATE OF Colorado)
COUNTY OF Broomfield) ss.

On this 24th day of January, 2002, before me personally appeared Alex J. Henes to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of January, 2002.

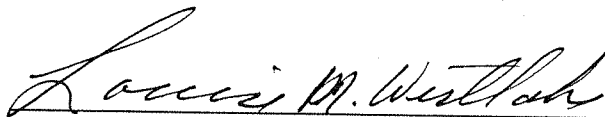


Jeffrey L. Martin

STATE OF Colorado)
COUNTY OF Broomfield) ss.

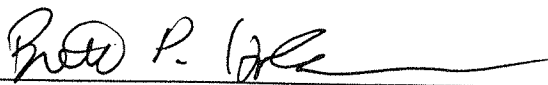
On this 24th day of January, 2002, before me personally appeared Jeffrey L. Martin to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public

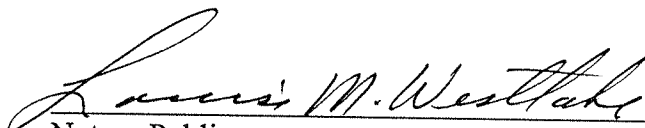
IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of January, 2002.


Brett P. Hollman

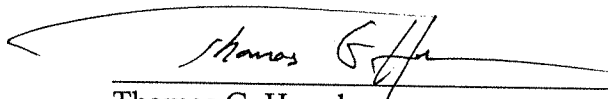
STATE OF Colorado)
COUNTY OF Broomfield) ss.

On this 24th day of January, 2002, before me personally appeared Brett P. Hollman to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public

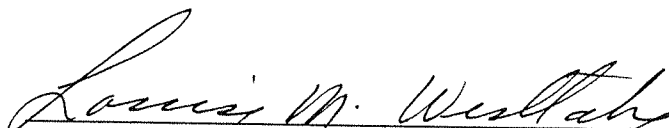
IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of January, 2002.


Thomas G. Hoople

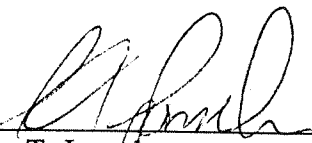
STATE OF Colorado)
COUNTY OF Broomfield) ss.

On this 24th day of January, 2002, before me personally appeared Thomas G. Hoople to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of
January, 2002.

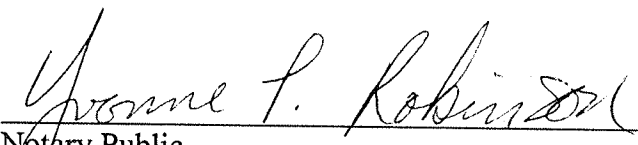


George T. Joseph

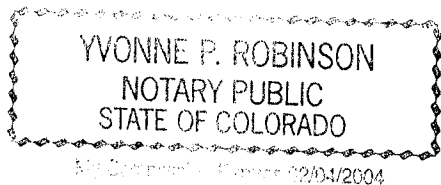
STATE OF Colorado)
COUNTY OF Denver) ss.

On this 25th day of January, 2002, before me personally appeared George T. Joseph to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public



ASSIGNMENT

WHEREAS, I, **Troy Kau**, residing at 9456 West 77th Drive, Arvada, Colorado 80005, together with Richard L. Wall, Gary L. Ryczek, James A. Loukatos, Alex J. Henes, Jeffrey L. Martin, Brett P. Hollman, Thomas G. Hoople, and George T. Joseph have invented a certain new and useful invention entitled "**AUTOMATED INSTALLATION OF NETWORK SERVICE IN A TELECOMMUNICATIONS NETWORK**" for which an application for Letters Patent of the United States has been prepared and filed on January 25, 2002 receiving Application No. 10/057,041, and further identified as Attorney Docket No. **519-010-USP**;

NOW THEREFORE, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto **Level 3 Communications, LLC** ("Company"), a corporation a corporation 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 application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by me (provided any such improvement is made during, or within one year after the termination of, the employment by said Company of myself), 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;

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I 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 and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

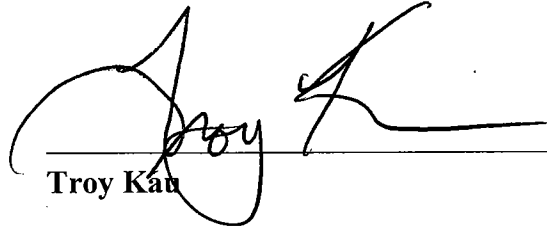
And I do hereby authorize and request the Commissioner of Patents to issue any and all

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, I have hereunto signed my name on the day and year set forth below:

Date:

04/24/2007



Troy Kau