## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3468802

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                | Execution Date |
|---------------------|----------------|
| RICHARD D. TERPSTRA | 05/09/2005     |
| JOHN HEARTY         | 05/09/2005     |
| DARYL WILLIAM MALAS | 05/22/2006     |

### **RECEIVING PARTY DATA**

| Name:           | LEVEL 3 COMMUNICATIONS, INC. |
|-----------------|------------------------------|
| Street Address: | 1025 ELDORADO BLVD.          |
| City:           | BROOMFIELD                   |
| State/Country:  | COLORADO                     |
| Postal Code:    | 80021                        |

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14804257 |

### **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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: kathleen.mcinnish@level3.com
Correspondent Name: JONATHAN C. SIEKMANN
Address Line 1: 1025 ELDORADO BLVD.

Address Line 4: BROOMFIELD, COLORADO 80021

| ATTORNEY DOCKET NUMBER: | 0047-US-D2             |
|-------------------------|------------------------|
| NAME OF SUBMITTER:      | JONATHAN C. SIEKMANN   |
| SIGNATURE:              | /Jonathan C. Siekmann/ |
| DATE SIGNED:            | 08/04/2015             |

### **Total Attachments: 5**

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> PATENT REEL: 036248 FRAME: 0563

## **ASSIGNMENT**

WHEREAS, we, Richard D. Terpstra, residing at 3001 North Torreys Peak Drive, Superior, Colorado 80027, and John Hearty, residing at Box 7499, Golden, Colorado 80403, have invented a certain new and useful invention entitled "REGISTRATION REDIRECT SERVER" for which an application for Letters Patent of the United States has been prepared and filed on December 31, 2004, receiving Serial No. 11/027,564, and further identified as Attorney File No. 74120-310340;

NOW THEREFORE, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Level 3 Communications, Inc. ("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 us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by said Company of whichever of us, solely or jointly with one or more others, has made the same), 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 us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we 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 we 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.

Atty. Docket No.:

74120-310340

IN WITNESS WHEREOF, we have hereunto signed our names on the days and years set forth below:

STATE OF OBLORADO ) ss. COUNTY OF BROOM FIELD )

Before me, a Notary Public in and for said County and State, personally appeared Richard D. Terpstra, 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 4 day of May

My Commission Expires: 9/1/06

| Atty. Docket No.: | 74120-310340 |
|-------------------|--------------|
|                   |              |
|                   |              |

| STATE OF | COLORAPO    | )     |
|----------|-------------|-------|
| COUNTY O | FBROOMFIELD | ) ss. |

Before me, a Notary Public in and for said County and State, personally appeared **John Hearty**, 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 All day of North 2005.

Notary Public

Notary Public

My Commission Expires: 9/1/00

DNVR1:60299079.01

# **ASSIGNMENT**

WHEREAS, I, **Daryl William Malas**, residing at 4667 Winona Place, Broomfield, Colorado 80020, working jointly with **Richard D. Terpstra**, residing at 3001 North Torreys Peak Drive, Superior, Colorado 80027, and **John Hearty**, residing at Box 7499, Golden, Colorado 80403, have invented a certain new and useful invention entitled "**REGISTRATION REDIRECT SERVER**" for which an application for Letters Patent of the United States has been prepared and filed on December 31, 2004, receiving Serial No. 11/027,564, and further identified as Attorney File No. 74120-310340;

NOW THEREFORE, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Level 3 Communications, Inc. ("Company"), 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 us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by said Company of whichever of us, solely or jointly with one or more others, has made the same), 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 us or any of us 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.

PATENT REEL: 036248 FRAME: 0567 Atty. Docket No.:

74120-310340

IN WITNESS WHEREOF, I have hereunto signed my name on the days and years set forth below:

Before me, a Notary Public in and for said County and State, personally appeared Daryl William Malas, 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 22 day of May

My Commission Expires:

**PATENT REEL: 036248 FRAME: 0568** 

RECORDED: 08/04/2015

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