506950414 10/29/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6997251

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| RONALD A. LEWIS | 11/08/2018 |

RECEIVING PARTY DATA

| Name: | CENTURYLINK INTELLECTUAL PROPERTY LLC |
|-----------------|---------------------------------------|
| Street Address: | 1025 ELDORADO BLVD. |
| City: | BROOMFIELD |
| State/Country: | COLORADO |
| Postal Code: | 80021 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17509796 |

CORRESPONDENCE DATA

Fax Number:

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: patent.docketing@lumen.com

Correspondent Name: CENTURYLINK INTELLECTUAL PROPERTY LLC

Address Line 1: 1025 ELDORADO BLVD.

Address Line 4: BROOMFIELD, COLORADO 80021

| ATTORNEY DOCKET NUMBER: | 1510-US-C1 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | THOMAS A. FROATS |
| SIGNATURE: | /Thomas A. Froats/ |
| DATE SIGNED: | 10/29/2021 |

Total Attachments: 1

source=2018-11-09 Assignment Recordation Notice 1510-US-U1#page1.tif

PATENT 506950414 REEL: 057962 FRAME: 0472

Attorney Docket: 1510-US-U1

<u>ASSIGNMENT</u>

| WHEREAS, the undersigned inventor(s) (referred to, collectively | , if more than one, as |
|---|------------------------|
| "Assignor") have made an invention entitled Method and System for In | plementing Data |
| Associations for which an application for United States Letters Patent wa | as filed on |
| November 8, 2018 as Application Serial No. 16/184,744 | , and |

WHEREAS, CenturyLink Intellectual Property LLC, a Delaware Corporation ("Assignee") having a place of business at 1025 Eldorado Blvd., Broomfield, CO 80021, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding international and foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

Assignor hereby authorizes and requests Swanson and Bratschun, L.L.C. to insert herein above the application serial number and filing date of said application when known.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: 11/8/2018

Address:

Ronald A. Lewis

2127 Bonner Ferry Road

Bastrop, LA 71220