

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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Assignment ID: PATI179956

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                        |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                            |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                       |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                 |
| Patrick Giagnocavo                                                                                                                                                                              | 05/03/2022                            |
| Michael Stillman                                                                                                                                                                                | 05/03/2022                            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                       |
| <b>Company Name:</b>                                                                                                                                                                            | CenturyLink Intellectual Property LLC |
| <b>Street Address:</b>                                                                                                                                                                          | 1025 Eldorado Blvd.                   |
| <b>City:</b>                                                                                                                                                                                    | Broomfield                            |
| <b>State/Country:</b>                                                                                                                                                                           | COLORADO                              |
| <b>Postal Code:</b>                                                                                                                                                                             | 80021                                 |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                         |
| <b>Application Number:</b>                                                                                                                                                                      | 18634505                              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                       |
| <b>Fax Number:</b>                                                                                                                                                                              |                                       |
| <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> |                                       |
| <b>Phone:</b>                                                                                                                                                                                   | 7208883783                            |
| <b>Email:</b>                                                                                                                                                                                   | patent.docketing@lumen.com            |
| <b>Correspondent Name:</b>                                                                                                                                                                      | Thomas Froats                         |
| <b>Address Line 1:</b>                                                                                                                                                                          | 931 14th St.                          |
| <b>Address Line 4:</b>                                                                                                                                                                          | Denver, COLORADO 80202                |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 1651-US-C1                            |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | Kathleen McInnish                     |
| <b>SIGNATURE:</b>                                                                                                                                                                               | Kathleen McInnish                     |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 04/20/2024                            |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                       |
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## ASSIGNMENT

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### PARTIES TO THE ASSIGNMENT:

#### Assignor(s)/Inventor(s):

Name of Assignor: Patrick Giagnocavo  
City and State of Residence: Littleton, CO

Name of Assignor: Michael Stillman  
City and State of Residence: Colorado Springs, CO

#### Assignee:

CenturyLink Intellectual Property LLC  
1025 Eldorado Boulevard  
Broomfield, Colorado 80021

### NON-PROVISIONAL PATENT APPLICATION SUBJECT TO THE ASSIGNMENT (the "Application"):

U.S. Non-Provisional Patent Application No.: 17/736,645  
Filing Date: May 4, 2022  
Title: Automated Robocall Detection  
Attorney Docket No.: 1651-US-U1

WHEREAS, the Assignor(s) identified above has(have) invented certain new and useful inventions for which the patent application for Letters Patent identified above has been prepared for filing with the United States Patent and Trademark Office.

NOW THEREFORE, for good and valuable consideration including at least US\$1, the receipt and sufficiency of which is acknowledged, Assignor(s) has(have) agreed to assign and transfer and does hereby assign and transfer unto the Assignee identified above, its successors and assigns, the entire right, title, and interest in and to said invention and the Application, including any additional provisional application with the same docketing prefix of 1651 any non-provisional application that claims priority to the Application, and in and to any United States of America and foreign applications that claim priority to the Application, Patent Cooperation Treaty applications claiming priority to the Application and any national phase applications or patents claiming priority to such Patent Cooperation Treaty applications, convention applications, treaty applications, and regional applications, and to any divisional or continuation (in whole or in part) of any application related to the Application and in and to any and all improvements in said invention made by Assignor(s) (provided any such improvement is made during, or within one year after the termination of, the employment by said Company of Assignor(s)), 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(s) is(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 Assignor(s) had this assignment and transfer not been made;

Assignor(s) further agrees for Assignor(s) and for heirs, executors, and administrators of Assignor(s), to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as Assignor(s) lawfully may, that may be deemed necessary by said Assignee, 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(s) hereby authorizes Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the title, application number and filing date of the Application once known;

Assignor(s) 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(s) hereby acknowledges an obligation of assignment and transfer of this invention and Application to Assignee at the time the invention was made; and

Assignor(s) 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 Assignee, as the assignee of the entire right, title, and interest therein.

Assignor(s) 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(s) hereunto has executed this Assignment upon the date indicated below.

Date: 05/03/2022

By:   
Patrick Giagnocavo

Date: 05/03/2022

By:   
Michael Stillman