

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4233866

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| CAPTIONCALL, LLC | 01/03/2017 |
| RECEIVING PARTY DATA | |
| Name: | SORENSEN IP HOLDINGS, LLC |
| Street Address: | 4192 SOUTH RIVERBOAT ROAD |
| City: | SALT LAKE CITY |
| State/Country: | UTAH |
| Postal Code: | 84123 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 29575974 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | C2412.10018US01 |
| NAME OF SUBMITTER: | BRIAN PARKE |
| SIGNATURE: | /Brian Parke/ |
| DATE SIGNED: | 01/19/2017 |
| Total Attachments: 11 | |
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PATENT ASSIGNMENT

This Assignment of Patents ("**Assignment**") is made and entered into on this 3rd day of January 2017, by and between:

CaptionCall, LLC, a Utah corporation having an address at 4215 South Riverboat Road, Salt Lake City, Utah 84123 ("Assignor") and

Sorenson IP Holdings, LLC, a Delaware corporation having an address at 4192 South Riverboat Road, Salt Lake City, Utah 84123 ("Assignee");

WHEREAS, Assignor is the owner of all right, title and interest in, and has agreed to assign and transfer to Assignee all right, title and interest in and to the patents and patent applications set forth on Schedule 1 attached hereto ("Assigned Patents"); and

WHEREAS, Assignee is desirous of acquiring all right, title, and interest in and to the Assigned Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor, subject to the terms of the Agreement, hereby assigns to Assignee any and all of Assignor's right, title and interest in and to the Assigned Patents, including: all rights pursuant to 35 U.S.C. § 154; any and all letters patents issuing from any continuing, divisional and continuation-in-part applications; any requests for continuing examination, substitutions, reissues, extensions, renewals and reexaminations of any of the foregoing, and all rights to apply in any country for any foreign counterpart, certification of invention or other governmental grant or issuance corresponding to any of the foregoing throughout the world, including any and all past, present and future causes of action and other enforcement actions (including, without limitation, for injunctive remedies and relief) and rights to damages and profits, due or accrued, relating to any of the foregoing, including the right to sue and recover for, and the right to profits and damages, due or accrued, arising out of or in connection with, any and all past, present or future infringements or dilutions.

Assignor, for itself, and its heirs, assigns, and legal representatives hereby further covenants to and with Assignee and its successors, assigns, and legal representatives to fully cooperate therewith in perfecting this assignment in the United States and in any and all foreign jurisdictions, said cooperation extending to the Assigned Patents, and including the execution of additional assignments or other formal documents as may be required in connection therewith.

Assignor hereby authorizes and requests the Director of the U.S. Patent and Trademark Office and any official of any other country whose duty it is to issue patents on the applications included in the Assigned Patents, to issue all Letters Patent for the inventions disclosed therein to Assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignor has caused this Assignment of Patents to be executed by its duly authorized representative on the date set forth below

ASSIGNOR:

CaptionCall, LLC

By: 

Name: R. Scott Wood
Title: General Counsel

Date: 1/3/2017

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|---|-----------------|-------------|------------|------------|
| APPARATUSES AND METHODS FOR DISTRIBUTED CONFIGURATION MANAGEMENT OF COMMUNICATION DEVICES | 14/701,062 | 4/30/2015 | | |
| GRAPHICAL USER INTERFACE AND ANIMATED RING BACKGROUND DESIGN FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/507,658 | 10/29/2014 | | |
| GRAPHICAL USER INTERFACE AND ANIMATED RING BACKGROUND DESIGN FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,940 | 9/26/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/507,529 | 9/26/2014 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,214 | 10/6/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,225 | 10/6/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,229 | 10/6/2016 | | |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|--|-----------------|-------------|------------|------------|
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,235 | 10/6/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,236 | 10/6/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,238 | 10/6/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,239 | 10/6/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,241 | 10/6/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,246 | 10/6/2016 | | |
| APPARATUSES AND METHODS FOR DIAGNOSING NETWORK CONNECTIVITY IN A COMMUNICATION SYSTEM FOR ASSISTING HEARING-IMPAIRED USERS | 14/705,495 | 5/6/2015 | | |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|---|-----------------|-------------|------------|------------|
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/522.231 | 3/27/2015 | | |
| GRAPHICAL USER INTERFACE WITH A TRANSITIONING CAPTION SCREEN FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/522.237 | 3/27/2015 | | |
| COMMUNICATION DEVICE AND RELATED METHODS FOR AUTOMATICALLY CONNECTING TO A RELAY SERVICE TO RECEIVE TEXT CAPTIONS FOLLOWING AN INTERRUPTION DURING A CALL | 14/668.868 | 3/25/2015 | 9197745 | 11/24/2015 |
| COMMUNICATION DEVICE AND RELATED METHODS FOR AUTOMATICALLY CONNECTING TO A RELAY SERVICE TO RECEIVE TEXT CAPTIONS FOLLOWING AN INTERRUPTION DURING A CALL | 14/942.905 | 11/16/2015 | | |
| METHODS AND SYSTEMS FOR ROUTING PATIENT INFORMATION TO A COMMUNICATION SERVICE PROVIDER AND TO A COMMUNICATION DEVICE FOR HEARING-IMPAIRED USERS | 14/717.941 | 5/20/2015 | | |
| COMMUNICATION ENDPOINTS, SOFTWARE UPDATE SERVERS, AND RELATED METHODS | 14/670.257 | 3/26/2015 | | |
| CAPTIONING COMMUNICATION DEVICE HAVING A TRANSITIONING LIGHT UP VOLUME RING, AND GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION | 29/522.381 | 3/30/2015 | | |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|--|-----------------|-------------|------------|------------|
| CAPTIONING COMMUNICATION DEVICE HAVING A TRANSITIONING LIGHT UP VOLUME RING, AND GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION | 29/579,930 | 10/4/2016 | | |
| CAPTIONING COMMUNICATION DEVICE HAVING A TRANSITIONING LIGHT UP VOLUME RING, AND GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION | 29/579,933 | 10/4/2016 | | |
| CAPTIONING COMMUNICATION DEVICE HAVING A TRANSITIONING LIGHT UP VOLUME RING, AND GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION | 29/579,938 | 10/4/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/522,385 | 3/30/2015 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,930 | 9/26/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/522,388 | 3/30/2015 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/580,354 | 10/7/2016 | | |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|--|-----------------|-------------|------------|------------|
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/522,393 | 3/30/2015 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,715 | 9/23/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,727 | 9/23/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,734 | 9/23/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,748 | 9/23/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,772 | 9/23/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,778 | 9/23/2016 | | |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|---|-----------------|-------------|------------|------------|
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,780 | 9/23/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,783 | 9/23/2016 | | |
| GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE | 29/578,784 | 9/23/2016 | | |
| METHODS AND DEVICES FOR AUTOMATICALLY CONNECTING TO A COMMUNICATION SERVICE THROUGH A PASSWORD PROTECTED NETWORK CONNECTION | 14/819,316 | 8/5/2015 | | |
| GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN OR PORTION THEREOF FOR A PROFESSIONAL CERTIFICATION FORM FOR A HEARING CARE PROFESSIONAL DEVICE | 29/562,387 | 4/25/2016 | | |
| TRANSCRIBING AUDIO COMMUNICATION SESSIONS | 15/221,278 | 7/27/2016 | 9,497,315 | 11/15/2016 |
| TRANSCRIBING AUDIO COMMUNICATION SESSIONS | 15/342,969 | 11/3/2016 | | |
| VOICE OVER INTERNET PROTOCOL CREDENTIALS | 15/184,589 | 6/16/2016 | | |
| DETECTING DIAL TONE ON A TELEPHONE LINE | 15/198,841 | 6/30/2016 | 9,503,568 | 11/22/2016 |
| DETECTING DIAL TONE ON A TELEPHONE LINE | 15/334,251 | 10/25/2016 | | |
| CONTACT CRAWL | 14/939,831 | 11/12/2015 | 9,374,536 | 6/21/2016 |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|---|-----------------|-------------|------------|------------|
| CAPTIONING COMMUNICATION SYSTEMS | 15/185,459 | 6/17/2016 | 9,525,830 | 12/20/2016 |
| CAPTIONING COMMUNICATION SYSTEMS | 15/369,582 | 12/5/2016 | | |
| ENDPOINT NETWORK ENABLED COMMUNICATION SESSIONS | 62/407,302 | 10/12/2016 | | |
| METHODS AND APPARATUSES RELATED TO TEXT CAPTION ERROR CORRECTION | 12/624,973 | 11/24/2009 | 8,379,801 | 2/19/2013 |
| METHODS AND APPARATUSES RELATED TO TEXT CAPTION ERROR CORRECTION | 14/530,407 | 10/31/2014 | 9,336,689 | 5/10/2016 |
| TEXT CAPTION ERROR CORRECTION | 15/096,087 | 4/11/2016 | | |
| ROUTING DIGITAL VOICE DATA IN A COMMUNICATION SYSTEM FOR HEARING-IMPAIRED USERS | 62/079,872 | 11/14/2014 | | |
| ROUTING DIGITAL VOICE DATA IN A COMMUNICATION SYSTEM FOR HEARING-IMPAIRED USERS | 14/709,303 | 5/11/2015 | 9,247,052 | 1/26/2016 |
| ROUTING DIGITAL VOICE DATA IN A COMMUNICATION SYSTEM FOR HEARING-IMPAIRED USERS | 15/005,828 | 1/25/2016 | 9,357,064 | 5/31/2016 |
| ROUTING DIGITAL VOICE DATA IN A COMMUNICATION SYSTEM FOR HEARING-IMPAIRED USERS | 15/164,256 | 5/25/2016 | | |
| DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE | 29/570,636 | 7/11/2016 | | |
| DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE | 29/570,388 | 7/7/2016 | | |
| DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE | 29/575,972 | 8/30/2016 | | |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|---|-----------------|-------------|------------|------------|
| DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE | 29/575,973 | 8/30/2016 | | |
| REMOTE VOICE RECOGNITION | 15/287,370 | 10/6/2016 | | |
| ELECTRONIC DEVICE INCLUDING A DIRECTIONAL MICROPHONE | 15/260,831 | 9/9/2016 | | |
| TELEPHONE NUMBER ADJUSTMENT | 15/248,427 | 8/26/2016 | | |
| SIGNAL CLIPPING COMPENSATION | 15/253,142 | 8/31/2016 | | |
| AUTOMATIC VOLUME CONTROL OF A FAR-END VOICE SIGNAL PROVIDED TO A CAPTIONING COMMUNICATION SERVICE | 62/219,654 | 9/16/2015 | | |
| AUTOMATIC VOLUME CONTROL OF A FAR-END VOICE SIGNAL PROVIDED TO A CAPTIONING COMMUNICATION SERVICE | 14/933,893 | 11/5/2015 | 9,380,150 | 6/28/2016 |
| AUTOMATIC VOLUME CONTROL OF A VOICE SIGNAL PROVIDED TO A CAPTIONING COMMUNICATION SERVICE | 15/194,332 | 6/27/2016 | | |
| DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE | 29/575,974 | 8/30/2016 | | |
| DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE | 29/575,976 | 8/30/2016 | | |
| DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE | 29/575,977 | 8/30/2016 | | |
| DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE | 29/575,978 | 8/30/2016 | | |
| DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE | 29/577,079 | 9/9/2016 | | |
| GRAPHICAL USER INTERFACE | | | | |
| AUDIOGRAM DATA INTEGRATION IN A TRANSCRIPTION DEVICE | 62/402,188 | 9/30/2016 | | |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|--|-----------------|-------------|------------|------------|
| AUTOMATICALLY ESTABLISHING A COMMUNICATION SESSION ASSOCIATED WITH AN EVENT | 15/377,808 | 12/13/2016 | | |
| METHODS AND DEVICES FOR UPDATING FILTER COEFFICIENTS DURING ECHO CANCELLATION | 62/156,801 | 5/4/2015 | | |
| METHODS AND DEVICES FOR UPDATING FILTER COEFFICIENTS DURING ECHO CANCELLATION | 14/933,954 | 11/5/2015 | 9,479,650 | 10/25/2016 |
| UPDATING FILTER COEFFICIENTS DURING ECHO CANCELLATION | 15/331,695 | 10/21/2016 | | |
| METHODS AND DEVICES FOR UPDATING AN ADAPTIVE FILTER FOR ECHO CANCELLATION | 14/101,158 | 12/9/2013 | 9,191,493 | 11/17/2015 |
| METHODS AND APPARATUS FOR PERFORMING ECHO CANCELLATION FOR A COMMUNICATION DEVICE | 14/938,811 | 11/11/2015 | | |
| ECHO CANCELLATION FOR A COMMUNICATION DEVICE | 15/331,697 | 10/21/2016 | | |
| SYSTEMS AND METHODS FOR USING A CAPTION DEVICE WITH A MOBILE DEVICE | 14/044,586 | 10/2/2013 | 9,191,789 | 11/17/2015 |
| METHODS FOR USING A CAPTION DEVICE WITH A MOBILE DEVICE | 14/938,797 | 11/11/2015 | | |
| CAPTIONING COMMUNICATION DEVICE | 29/457,099 | 6/6/2013 | D725,623 | 3/31/2015 |
| CAPTIONING COMMUNICATION DEVICE | 29/485,959 | 3/25/2014 | D739,372 | 9/22/2015 |
| COMMUNICATION DEVICE AND RELATED METHODS FOR OFFLINE DATA RECORD MODIFICATION AND SYNCHRONIZATION WITH A BACKEND SERVER ASSOCIATED WITH A RELAY SERVICE FOR HEARING-IMPAIRED USERS | 14/673,341 | 3/30/2015 | 9,258,415 | 2/9/2016 |
| DEVICE, SYSTEM, AND METHOD FOR PERFORMING ECHO CANCELLATION IN DIFFERENT MODES OF A COMMUNICATION DEVICE | 14/679,922 | 4/6/2015 | 9,191,494 | 11/17/2015 |

| Title | Application No. | Filing Date | Patent No. | Grant Date |
|---|-----------------|-------------|------------|------------|
| CARE GIVER AUTO CALL | 15/377,808 | 12/13/2016 | | |
| TRANSCRIPTION OF MESSAGING COMMUNICATIONS VIA BACKEND SYSTEM FOR DELIVERY TO ENDPOINT | 15/380,589 | 12/15/2016 | | |