

## PATENT ASSIGNMENT COVER SHEET

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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>
CAPTIONCALL LLC	01/03/2017
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84123
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15331697
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<b>NAME OF SUBMITTER:</b>	BRIAN PARKE
<b>SIGNATURE:</b>	/Brian Parke/
<b>DATE SIGNED:</b>	01/09/2017
<b>Total Attachments: 11</b>	
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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		