PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5498249

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	PATENT SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
SORENSEN COMMUNICATIONS, LLC	04/29/2019
CAPTIONCALL, LLC	04/29/2019

RECEIVING PARTY DATA

Name:	CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, AS COLLATERAL AGENT
Street Address:	11 MADISON AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10010

PROPERTY NUMBERS Total: 260

Property Type	Number
Patent Number:	7075564
Patent Number:	7609286
Patent Number:	7206386
Patent Number:	7016479
Patent Number:	7583286
Patent Number:	7746984
Patent Number:	7746985
Patent Number:	7769141
Patent Number:	7742068
Patent Number:	7142643
Patent Number:	8610755
Patent Number:	8824640
Patent Number:	8978112
Patent Number:	9325840
Patent Number:	9578585
Patent Number:	9762725
Patent Number:	8989355
Patent Number:	9214094
Patent Number:	9673923

<u>PATENT</u>

REEL: 050084 FRAME: 0793

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Property Type	Number
Patent Number:	9294423
Patent Number:	9742711
Patent Number:	9491205
Patent Number:	9204088
Patent Number:	9661146
Patent Number:	10082934
Patent Number:	9325753
Patent Number:	D765122
Patent Number:	D786291
Application Number:	29571013
Patent Number:	D782518
Patent Number:	D782519
Patent Number:	8976220
Patent Number:	8976940
Patent Number:	9307073
Patent Number:	9843678
Patent Number:	9185211
Patent Number:	9215409
Patent Number:	9276971
Patent Number:	9578284
Patent Number:	D797775
Patent Number:	D798327
Patent Number:	D798328
Patent Number:	D798329
Patent Number:	D815136
Patent Number:	9473627
Patent Number:	10165225
Patent Number:	10250847
Patent Number:	9491258
Patent Number:	9959014
Patent Number:	D759621
Patent Number:	D783075
Patent Number:	D787463
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Patent Number:	D792362
Patent Number:	D792867
Patent Number:	9473738
Patent Number:	9432622

Property Type	Number
Patent Number:	9217911
Application Number:	14664727
Patent Number:	D757692
Application Number:	14820418
Patent Number:	9571788
Application Number:	15431537
Patent Number:	10063261
Application Number:	14929191
Patent Number:	D817982
Patent Number:	D823880
Patent Number:	D823881
Patent Number:	D825606
Patent Number:	D823882
Patent Number:	D823325
Patent Number:	D829735
Patent Number:	D823883
Patent Number:	D822691
Patent Number:	D823884
Patent Number:	D815123
Patent Number:	D823334
Patent Number:	9635174
Patent Number:	10084910
Application Number:	15632020
Application Number:	15632056
Application Number:	15632085
Patent Number:	10176366
Application Number:	16213029
Patent Number:	10129395
Patent Number:	10127833
Application Number:	62581546
Application Number:	29674326
Patent Number:	8379801
Application Number:	13768918
Patent Number:	D725623
Patent Number:	9191789
Patent Number:	9191493
Patent Number:	D739372
Patent Number:	D777182

Patent Number: D777183 Application Number: 62073721 Application Number: 62076187 Application Number: 62079872 Application Number: 62127227 Patent Number: 9197745 Patent Number: 9563418 Patent Number: D795276 Patent Number: D802618 Patent Number: 9258415 Patent Number: D7778870 Patent Number: D777189 Patent Number: D777190 Patent Number: 9191494 Patent Number: 9893938 Application Number: 62156801 Application Number: 9247052 Patent Number: 9946842 Patent Number: 9686404 Application Number: 62219654 Patent Number: 9380150 Patent Number: 9479650 Patent Number: 9503569 Patent Number: 9622052
Application Number: 62076187 Application Number: 62079872 Application Number: 62127227 Patent Number: 9197745 Patent Number: 9563418 Patent Number: D795276 Patent Number: D802618 Patent Number: 9258415 Patent Number: D778870 Patent Number: D777188 Patent Number: D777189 Patent Number: 9191494 Patent Number: 9893938 Application Number: 62156801 Application Number: 14705495 Patent Number: 9946842 Patent Number: 9686404 Application Number: 62219654 Patent Number: 9380150 Patent Number: 9479650 Patent Number: 9503569
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Patent Number: 9787831
Patent Number: 9357064
Patent Number: 10186170
Application Number: 29562387
Application Number: 15164256
Patent Number: 9614973
Patent Number: 9525830
Application Number: 15194332
Patent Number: 9503568
Patent Number: D775653
Patent Number: D775654

Patent Number:	9497315
Patent Number:	9680979
Patent Number:	D804503
Patent Number:	D818477
Patent Number:	D804504
Patent Number:	D808422
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Patent Number:	D804506
Patent Number:	9679578
Patent Number:	9628596
Patent Number:	D804507
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Patent Number:	D799526
Patent Number:	D800155
Patent Number:	D800156
Patent Number:	D799538
Patent Number:	D800157
Patent Number:	D803857
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Application Number:	62402188
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Patent Number:	D807390
Application Number:	29579938
Patent Number:	9674351
Application Number:	29580214
Application Number:	29580225
Application Number:	29580229
Application Number:	29580235
Application Number:	29580236
Patent Number:	D820270
Application Number:	29580239
Application Number:	29580241
Application Number:	29580246
Patent Number:	D799529
Application Number:	62407302

Property Type	Number
Application Number:	15331695
Application Number:	15331697
Patent Number:	10063691
Patent Number:	9674341
Patent Number:	10051207
Patent Number:	9794387
Patent Number:	10091354
Patent Number:	9973627
Application Number:	15423886
Patent Number:	10085096
Patent Number:	9917939
Patent Number:	10063530
Patent Number:	9967813
Patent Number:	10277183
Patent Number:	D812072
Patent Number:	D803852
Patent Number:	D795912
Patent Number:	D795282
Application Number:	15474552
Patent Number:	9992318
Patent Number:	9843676
Application Number:	15485685
Application Number:	62501915
Application Number:	29603263
Application Number:	15601750
Patent Number:	10015312
Application Number:	15611441
Application Number:	15611499
Application Number:	15611489
Application Number:	15643356
Patent Number:	10237381
PCT Number:	US2017042578
Application Number:	29612438
Application Number:	29612440
Application Number:	29612441
Application Number:	29613666
Application Number:	29613667
Application Number:	29613668

Property Type	Number
PCT Number:	US2017048711
PCT Number:	US2017053036
Patent Number:	10224057
Patent Number:	10230842
Application Number:	15782719
Application Number:	15782728
Application Number:	15782734
PCT Number:	US2017056401
Application Number:	29624395
Application Number:	29624398
Application Number:	15809422
Patent Number:	D847179
Patent Number:	10033865
Application Number:	29627175
Application Number:	15827328
Patent Number:	10192566
Application Number:	15875898
PCT Number:	US2018014718
Patent Number:	D845343
Application Number:	29634948
Application Number:	15894637
Patent Number:	10192554
Application Number:	15952049
PCT Number:	US2018028937
Application Number:	15964646
Application Number:	15964661
Application Number:	15967183
Application Number:	15980618
Application Number:	15984081
Patent Number:	10237402
PCT Number:	US2018039064
Application Number:	16039692
Application Number:	16101115
Application Number:	16116671
PCT Number:	US2018048579
Application Number:	16116638
Application Number:	16122549
Application Number:	16141446

Property Type	Number
Application Number:	16154553
Application Number:	16209524
Application Number:	16209594
Application Number:	16209623
Application Number:	16209640
PCT Number:	US2018065799
PCT Number:	US2018066053
PCT Number:	US2018066572
Application Number:	16254320
Application Number:	16370573
Application Number:	16359745
PCT Number:	US2019022810
Application Number:	16370214

CORRESPONDENCE DATA

Fax Number: (800)494-7512

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.

Phone: 202.370.4750

Email: ipteam@cogencyglobal.com

Correspondent Name: JOANNA MCCALL

Address Line 1: 1025 VERMONT AVE NW, SUITE 1130

Address Line 2: COGENCY GLOBAL INC.

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	1075768
NAME OF SUBMITTER:	CONNOR WISE
SIGNATURE:	/Connor Wise/
DATE SIGNED:	04/29/2019

Total Attachments: 62

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FIRST LIEN PATENT SECURITY AGREEMENT

WHEREAS, each of Sorenson Communications, LLC, a Utah limited liability company, and CaptionCall, LLC, a Delaware limited liability company, (each, a "Grantor", and collectively, the "Grantors"), owns and uses in its business, and will in the future adopt and so use, various intangible assets, including the Patent Collateral (as defined below);

WHEREAS, each Grantor is party to a First Lien Security Agreement dated as of April 29, 2019 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), by and among the Grantor, the other grantors party thereto and Credit Suisse AG, Cayman Islands Branch, as the Collateral Agent for the Secured Parties (in such capacity, the "Collateral Agent") pursuant to which each Grantor granted a security interest to the Collateral Agent (for the benefit of the Secured Parties) in the Patent Collateral (as defined below) and is required to execute and deliver this First Lien Patent Security Agreement (the "Agreement").

Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

NOW, THEREFORE, in consideration of the foregoing and for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, subject to the terms and conditions of the Security Agreement, to evidence further the security interest granted by each Grantor to the Collateral Agent pursuant to the Security Agreement, each Grantor hereby grants to the Collateral Agent (for the benefit of the Secured Parties) a security interest in all of such Grantor's right, title and interest in and to the following, in each case whether now owned or existing or hereafter acquired, developed, created or arising and wherever located (collectively, the "Patent Collateral"), other than Excluded Property:

- (i) all patents and patent applications and rights and interests in patents and patent applications under any domestic or foreign law that are presently, or in the future may be, owned or held by such Grantor and all patents and patent applications and all re-issues, divisions, continuations, renewals, extensions and continuations in-part thereof and rights, title and interests in patents and patent applications under any domestic law that are presently, or in the future may be, owned by such Grantor in whole or in part (including, without limitation, the patents and patent applications set forth on Schedule A annexed hereto);
- (ii) all proceeds, products, rents and profits of or from any and all of the foregoing Patent Collateral and, to the extent not otherwise included, all payments under insurance (whether or not the Collateral Agent is the loss payee thereof), or any indemnity, warranty or guaranty, payable by reason of loss or damage to or otherwise with respect to any of the foregoing Patent Collateral; and
- (iii) the right to sue or otherwise recover for any past, present and future infringement, dilution, misappropriation, or other violation or impairment of any of the foregoing.

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Grantor does hereby further acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Security Agreement. Section 1 of the Security Agreement is hereby incorporated by reference. In the event that any provision of this Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

THIS AGREEMENT SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAW OF THE STATE OF NEW YORK, WITHOUT REGARD TO CONFLICT OF LAWS PRINCIPLES THEREOF TO THE EXTENT SUCH PRINCIPLES WOULD CAUSE THE APPLICATION OF THE LAW OF ANOTHER STATE, EXCEPT TO THE EXTENT THAT THE UCC PROVIDES THAT THE PERFECTION OF THE SECURITY INTEREST HEREUNDER, OR REMEDIES HEREUNDER, IN RESPECT OF ANY PARTICULAR COLLATERAL ARE GOVERNED BY THE LAWS OF A JURISDICTION OTHER THAN THE STATE OF NEW YORK, IN WHICH CASE THE LAWS OF SUCH JURISDICTION SHALL GOVERN WITH RESPECT TO THE PERFECTION OF THE SECURITY INTEREST IN, OR THE REMEDIES WITH RESPECT TO, SUCH PARTICULAR COLLATERAL.

This Agreement may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument; signature pages may be detached from multiple separate counterparts and attached to a single counterpart so that all signature pages are physically attached to the same document. Delivery of an executed signature page to this Agreement by electronic communication shall be as effective as delivery of a manually signed counterpart of this Agreement.

Notwithstanding anything herein to the contrary, the Liens and security interests granted to the Collateral Agent pursuant to this Agreement and the exercise of any right or remedy by the Collateral Agent hereunder shall be subject to the provisions of the Intercreditor Agreement or any such other applicable intercreditor agreement entered into by the Collateral Agent pursuant to the terms of the Credit Agreement. In the event of any conflict between the express terms and provisions of this Agreement, on the one hand, and the Intercreditor Agreement or any other intercreditor agreement, on the other hand, the terms and provisions of the Intercreditor Agreement or such other intercreditor agreement shall control as among the Collateral Agent and any other secured creditor (or agent therefor) party thereto.

2

IN WITNESS WHEREOF, the Grantors and the Collateral Agent have caused this Agreement to be executed and delivered by their respective officers thereunto duly authorized as of the date first set forth above.

SORENSON COMMUNICATIONS, LLC

Name: Reed E Steiner

Title: CFO

CAPTIONCALL, LLC

Name: Reed E Steiner

Title: CFO

CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH,

as the Collateral Agent

by

Name: Vipul Dhadda Title: Authorized Signatory

by

Name: Brady Bingham Title: Authorized Signatory

SCHEDULE A TO FIRST LIEN PATENT SECURITY AGREEMENT

Sorenson Communications, LLC:

6379US	2792-				6266US	2792-		3750.1US	2792-		3750.1IL	2792-		3750.1CA	2792-		Number	File
IMPAIRED	WITH THE HEARING	COMMUNICATION	FOR ELECTRONIC	METHOD AND SYSTEM	VIDEO CONFERENCING	APPARATUS FOR	METHOD AND	INTERFACE	VIDEO CONFERENCING		INTERFACE	CONFERENCING	UNIVERSAL VIDEO	INTERFACE	CONFERENCING	UNIVERSAL VIDEO	Name of Patent	
(US)	States	United			(US)	States	United	(US)	States	United	Israel (IL)			(CA)	Canada		Country	
60	10/831,4				04	10/754,1		74	09/762,0		141,005			5	2,338,19		No.	Serial
4	4/23/200				1/8/2004			1	1/29/200		9	7/27/199		9	7/27/199		Date	Filing
6	7,206,38				6	7,609,28		4	7,075,56		141,005			5	2,338,19		No.	Patent
4/17/2007					9	10/27/200		7/11/2006			10/6/2006			11/4/2008			Issue Date	
Issued	Patent				Issued	Patent		Issued	Patent		Issued	Patent		Issued	Patent		Status	Current

File			Serial	Filing	Patent		Current
Number	Name of Patent	Country	No.	Date	No.	Issue Date	Status
	METHOD AND SYSTEM						
	FOR CALL						
	RESTORATION IN A	United					
2792-	VIDEO RELAY	States	10/831,6	4/23/200	7,016,47		Patent
6380US	SERVICE	(US)	43	4	9	3/21/2006	Issued
	SYSTEM AND METRYS						
	FOR COLLECTION AND	United					
2792-	REDISTRIBUTION OF	States	10/831,4	4/23/200	7,583,28		Patent
6381US	VIDEO CONFERENCES	(US)	30	4	6	9/1/2009	Issued
	METRYS DNA DOHTAM	European					
	FOR CALL INITIATION	Patent					
2792-	IN A VIDEO RELAY	Conv.		9/14/200		12/10/200	Patent
6661EP	SERVICE	(EP)	6076734	6	1764989	8	Issued
	METHOD AND SYSTEM						
2792-	FOR CALL INITIATION						
6661EPC	IN A VIDEO RELAY	Switzerlan		9/14/200		12/10/200	Patent
Н	SERVICE	d (CH)	6076734	6	1764989	8	Issued
	METHOD AND SYSTEM						
2792-	FOR CALL INITIATION						
6661EPD	IN A VIDEO RELAY	Germany		9/14/200		12/10/200	Patent
H	SERVICE	(DE)	6076734	6	1764989	8	Issued
	METHOD AND SYSTEM						
	FOR CALL INITIATION						
2792-	IN A VIDEO RELAY	France		9/14/200		12/10/200	Patent
6661EPFR	SERVICE	(FR)	6076734	6	1764989	8	Issued
2792-		United					
6661EPG	METHOD AND SYSTEM	Kingdom		9/14/200		12/10/200	Patent
В	FOR CALL INITIATION	(GB)	6076734	6	1764989	∞	Issued

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6662EPFR	2792-			Е	6662EPD	2792-		H	6662EPC	2792-		6662EP	2792-			6661US	2792-			6661EPIT	2792-					Number	File
TRANSFER SERVICE	RELAY CALL	AND DEVICE FOR	METHOD, SYSTEM	TRANSFER SERVICE	RELAY CALL	AND DEVICE FOR	METHOD, SYSTEM	TRANSFER SERVICE	RELAY CALL	AND DEVICE FOR	METHOD, SYSTEM	TRANSFER SERVICE	RELAY CALL	AND DEVICE FOR	METHOD, SYSTEM	SERVICE	IN A VIDEO RELAY	FOR CALL INITIATION	METHOD AND SYSTEM	SERVICE	IN A VIDEO RELAY	FOR CALL INITIATION	METHOD AND SYSTEM	SERVICE	IN A VIDEO RELAY	Name of Patent	
(EP)	Conv.	Patent	European	(US)	States	United		Italy (IT)						Country													
7	6076735.			7	6076735.			7	6076735.			7	6076735.			54	11/225,9			6076734						No.	Serial
6	9/14/200			6	9/14/200			6	9/14/200			6	9/14/200			5	9/14/200			6	9/14/200					Date	Filing
1764990				1764990				1764990				174990				4	7,746,98			1764989						No.	Patent
1/6/2016				1/6/2016				1/6/2016				1/6/2016				6/29/2010				8	12/10/200					Issue Date	
Issued	Patent			Issued	Patent			Issued	Patent			Issued	Patent			Issued	Patent			Issued	Patent					Status	Current

File			Serial	Filing	Patent		Current
Number	Name of Patent	Country	No.	Date	No.	Issue Date	Status
	METHOD, SYSTEM	European					
2792-	AND DEVICE FOR	Patent					
6662EPG	RELAY CALL	Conv.	6076735.	9/14/200			Patent
В	TRANSFER SERVICE	(EP)	7	6	1764990	1/6/2016	Issued
	METHOD, SYSTEM	European					
	AND DEVICE FOR	Patent					
2792-	RELAY CALL	Conv.	6076735.	9/14/200			Patent
6662EPIE	TRANSFER SERVICE	(EP)	7	6	1764990	1/6/2016	Issued
	METHOD, SYSTEM	European					
	AND DEVICE FOR	Patent					
2792-	RELAY CALL	Conv.	6076735.	9/14/200			Patent
6662EPLI	TRANSFER SERVICE	(EP)	7	6	1764990	1/6/2016	Issued
	METHOD, SYSTEM	European					
2792-	AND DEVICE FOR	Patent					
6662EPL	RELAY CALL	Conv.	6076735.	9/14/200			Patent
U	TRANSFER SERVICE	(EP)	7	6	1764990	1/6/2016	Issued
	METHOD, SYSTEM	European					
2792-	AND DEVICE FOR	Patent					
6662EPM	RELAY CALL	Conv.	6076735.	9/14/200			Patent
С	TRANSFER SERVICE	(EP)	7	6	1764990	1/6/2016	Issued
	METHOD, SYSTEM						
	AND DEVICE FOR	United					
2792-	RELAY CALL	States	11/225,9	9/14/200	7,746,98		Patent
6662US	TRANSFER SERVICE	(US)	56	5	5	6/29/2010	Issued
	METHOD AND SYSTEM	United					
2792-	FOR VISUAL SPATIAL	States	11/233,6	9/23/200	7,769,14		Patent
6664US	CALLER	(US)		5	1	8/3/2010	Issued

File Number	Name of Patent	Country	Serial No.	Filing Date	Patent No.	Issue Date	Current Status
	IDENTIFICATION (as						
	amended)						
	METHOD AND SYSTEM	European					
	FOR AUTO	Patent					
2792-	CONFIGURATION IN A	Conv.	6076736.	9/14/200	1 764		Patent
6665EP	VIDEO PHONE SYSTEM	(EP)	5	6	991	5/18/2011	Issued
	METHOD AND SYSTEM						
2792-	FOR AUTO						
6665EPD	CONFIGURATION IN A	Germany	6076736.	9/14/200	1 764		Patent
E	VIDEO PHONE SYSTEM	(DE)	5	6	991	5/18/2011	Issued
	METHOD AND SYSTEM						
	FOR AUTO						
2792-	CONFIGURATION IN A	France	6076736.	9/14/200	1 764		Patent
6665EPFR	VIDEO PHONE SYSTEM	(FR)	5	6	991	5/18/2011	Issued
	METHOD AND SYSTEM						
2792-	FOR AUTO	United					
6665EPG	CONFIGURATION IN A	Kingdom	6076736.	9/14/200	1 764		Patent
В	VIDEO PHONE SYSTEM	(GB)	5	6	991	5/18/2011	Issued
	METHOD AND SYSTEM						
	FOR AUTO	United					
2792-	CONFIGURATION IN A	States	11/225,9	9/14/200	7,742,06		Patent
6665US	VIDEO PHONE SYSTEM	(US)	55	5	8	6/22/2010	Issued
	METHOD AND SYSTEM						
	FOR UNIFYING						
	PHONEBOOK FOR	United					
2792-	VARIED HEARING	States	11/015,0	12/17/20	7,142,64	11/28/200	Patent
6741US	DISABILITIES	(US)	65	04	3	6	Issued

File Number 2792- P10189US	Name of Patent METHODS AND APPARATUSES FOR MULTI-LINGUAL SUPPORT FOR HEARING IMPAIRED COMMUNICATION	Country United States (US)	Serial No. 13/030,8	Filing Date	Pate No. 8,61	Patent Issue Date No. Issue Date 8,610,75 12/17/201 5 3
2792- P11479US	METHODS, DEVICES AND SYSTEMS FOR CREATING OR SHARING A VISUAL INDICATOR PATTERN	United States (US)	13/795,1 05		3/12/201	8,824,64 0
2792- P11480US	METHODS, DEVICES, AND SYSTEMS FOR REMOTELY CONTROLLING A PLURALITY OF COMMUNICATION DEVICES	United States (US)	13/829,4		3/14/201	3/14/201 8,978,11 3
2792- P11480.1 US	METHODS, DEVICES, AND SYSTEMS FOR REMOTELY CONTROLLING A COMMUNICATION DEVICE	United States (US)	14/641,1 56		3/6/2015	
2792- P11480.2 US	METHODS, DEVICES, AND SYSTEMS FOR REMOTELY CONTROLLING A	United States (US)	15/138,1		4/25/201	4/25/201 9,578,58 6 5
US	CONTROLLING A	(US)	04			6

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P11482US	2792-			+ + - - - - -	P11481US	2792-						US	P11480.3	2792-									Number	File
IMPAIRED	NOTIFICATIONS TO	EMERGENCY	APPARATUSES FOR	METHODS AND	SYSTEMS	COMMUNICATION	IMPAIRED SIDE OF	ON A HEARING-	CALL MANAGEMENT	APPARATUSES FOR	METHODS AND	DEVICE	COMMUNICATION	PORTABLE	DEVICE USING A	COMMUNICATION	ONGOING CALL OF A	TRANSFERRING AN	AND SYSTEMS FOR	METHODS, DEVICES,	DEVICE	COMMUNICATION	Name of Patent	
(US)	United States			(0,0)	(US)	States	United					(US)	States	United									Country	
87	13/838 /				18	13/838.7						46	15/433,9										No.	Serial
3	3/15/201			•	3	3/15/201						7	2/15/201										Date	Filing
4	9 214 09			•	5	8.989.35						5	9,762,72										No.	Patent
5	12/15/201				3/24/2015							9/12/2017											Issue Date	
Issued	Datent				Issued	Patent						Issued	Patent										Status	Current

2792- P11754US		US	P11753.1	2792-						P11753US	2792-								US	P11482.1	2792-				Number	File
FOR COMMUNICATING WITH DEVICES	SYSTEMS AND RELATED METHODS	COMMUNICATIONS	ABOUT MISSED	UNIQUE IDENTIFIERS	PLURALITY OF	DEVICES HAVING A	RELATED METHODS	SYSTEMS AND	COMMUNICATION	COMMUNICATIONS	ABOUT MISSED	UNIQUE IDENTIFIERS	PLURALITY OF	DEVICES HAVING A	FOR NOTIFYING	RELATED METHODS	SYSTEMS AND	COMMUNICATION	IMPAIRED	THE HEARING	NOTIFICATIONS TO	EMERGENCY	APPARATUSES FOR	METHODS AND	Name of Patent	
States (US)	United	(US)	States	United						(US)	States	United							(US)	States	United				Country	
13/842,4 01		09	14/678,8							19	13/837,6								44	14/968,0					No.	Serial
3/15/201 3		4/3/2015								3	3/15/201								15	12/14/20					Date	Filing
9,491,20 5		1	9,742,71							3	9,294,42								3	9,673,92					No.	Patent
11/8/2016		8/22/2017								3/22/2016									6/6/2017						Issue Date	
Patent Issued		Issued	Patent							Issued	Patent								Issued	Patent					Status	Current

CONTACT ENTRY CORRESPONDING TO A COMMUNICATION	CORRESPO		REPLACING A	AND DEVICES FOR			5.1	2792- INDIVIDUAL AND	DEVICES ASSIGNED	COMMUNICATION	OPERATING	METHODS OF	SYSTEMS AND	COMMUNICATION	P11755US GROUP ID	2792- INDIVIDUAL AND	DEVICES ASSIGNED	COMMUNICATION	OPERATING	AND METHODS OF	SYSTEMS	IDENTIFIERS	OF UNIOUE	HAVING A	Number Name of Patent	File
DEVICE WITH A	CATION	ENIRY ENIRY	G A ENTRY	CES FOR	SYSTEMS, METHODS,	RS	IQUE	AL AND	SSIGNED	CATION	G G	OF	AND	CATION	GROUP IDENTIFIERS	AL AND	SSIGNED	CATION	G	IODS OF	SYSTEMS INCLUDING	RS	ĹΤΊ	HAVING A PLURALITY	ent	
States	United					(US)	States	United							(US)	States	United								Country	
13/839,3						43	14/954,7								46	13/840,0									No.	Serial
3/15/201						15	11/30/20								3	3/15/201									Date	Filing
10,082,9						6	9,661,14								8	9,204,08									No.	Patent
						5/23/2017									12/1/2015										Issue Date	
Patent						Issued	Patent								Issued	Patent									Status	Current

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2792- P11757.2 US	2792- P11757.1 US	2792- P11757US	Number
DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE FOR A VIDEO	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE FOR CREATING AND ADMINISTERING A USER GROUP FOR A VIDEO COMMUNICATION DEVICE	USER INTERFACE FOR CREATING AND ADMINISTERING A USER GROUP, AND METHODS OF OPERATING SUCH	Name of Patent CORRESPONDING TO A USER GROUP
United States (US)	United States (US)	United States (US)	Country
29/571,0	29/539,6	13/840,6	No.
7/13/201 6	9/16/201	3/15/201	Filing Date
D786,291	D765,122	9,325,75	Patent No.
5/9/2017	8/30/2016	4/26/2016	Issue Date
Patent Issued	Patent Issued	Patent Issued	Status

P11757.5 CC US DE		US	PC WJ	DI			2792- A	US	W	PC	DI	US DE	P11757.3 CC	2792- VI	US	AL	FC	PC	Z	GF			CC	Number Na	File
COMMUNICATION DEVICE	A VIDEO	USER INTERFACE FOR	PORTION THEREOF WITH A GRAPHICAL	DISPLAY SCREEN OR	DEVICE	COMMUNICATION	A VIDEO	USER INTERFACE FOR	WITH A GRAPHICAL	PORTION THEREOF	DISPLAY SCREEN OR	DEVICE	COMMUNICATION	VIDEO	USER GROUP FOR A	ADMINISTERING A	FOR CREATING AND	PORTION THEREOF	INTERFACE OR	GRAPHICAL USER		DEVICE	COMMUNICATION	Name of Patent	
States (US)	United				(US)	States	United					(US)	States	United										Country	
29/571,0 19					17	29/571,0						13	29/571,0											No.	Serial
7/13/201 6					6	7/13/201						6	7/13/201											Date	Filing
D782,519					D782,518																			No.	Patent
3/28/2017					3/28/2017																			Issue Date	
Patent Issued					Issued	Patent						Pending												Status	Current

File Number	Name of Patent	Country	Serial No.	Filing Date	Patent No.	Issue Date	Current Status
	DEVICES AND						
	METHODS FOR						
	HOSTING A VIDEO						
	CALL BETWEEN A	United					
2792-	PLURALITY OF	States	13/936,0		8,976,22		Patent
P11839US	ENDPOINTS	(US)	51	7/5/2013	0	3/10/2015	Issued
	DNA SMETSYS						
	RELATED METHODS						
	FOR VISUAL						
	INDICATION OF AN	United					
2792-	OCCURRENCE OF AN	States	14/092,6	11/27/20	8,976,94		Patent
P12044US	EVENT	(US)	00	13	0	3/10/2015	Issued
	VISUAL ASSISTANCE	United					
2792-	SYSTEMS AND	States	14/145,5	12/31/20	9,307,07		Patent
P12045US	RELATED METHODS	(US)	89	13	3	4/5/2016	Issued
2792-	VISUAL ASSISTANCE	United					
P12045.1	SYSTEMS AND	States	15/088,0	3/31/201	9,843,67	12/12/201	Patent
US	RELATED METHODS	(US)	08	6	8	7	Issued
	APPARATUSES AND						
	METHODS FOR						
	OPERATING A						
	COMMUNICATION						
	SYSTEM IN ONE OF A	United					
2792-	TONE MODE AND A	States	14/075,9	11/8/201	9,185,21	11/10/201	Patent
P12046US	TEXT MODE	(US)	68	3	1	5	Issued

C P	2				_	P	2				P	2					P	2							7	
P12510.2 US	2792-				US	P12510.1	2792-				P12510US	2792-					P12049US	2792-							Number	File
COMMUNICATION DEVICE	A VIDEO	WITH A GRAPHICAL USER INTERFACE FOR	PORTION THEREOF	DISPLAY SCREEN OF	AUDIBLY-IMPAIRED	GREETINGS FOR THE	COMMUNICATION	VIDEO AND TEXT IN	APPARATUSES FOR	METHODS AND	AUDIBLY-IMPAIRED	GREETINGS FOR THE	COMMUNICATION	VIDEO AND TEXT IN	APPARATUSES FOR	METHODS AND	AUDIO ENDPOINT	SERVICE AND AN	BETWEEN A RELAY	COMMUNICATIONS	AUDIO	FOR CONTROLLING	RELATED METHODS	SYSTEMS AND	Name of Patent	
States (US)	United				(US)	States	United				(US)	States	United				(US)	States	United						Country	
29/555,9 50					99	15/053,9					61	14/540,9					13	14/253,4							No.	Serial
2/25/201 6					6	2/25/201					14	11/13/20					4	4/15/201							Date	Filing
D797775					4	9,578,28					1	9,276,97					9	9,215,40							No.	Patent
9/19/2017					2/21/2017						3/1/2016						5	12/15/201							Issue Date	
Patent Issued					Issued	Patent					Issued	Patent					Issued	Patent							Status	Current

P12510.6 CC		SU US	PC	DI		P12510.5 CC	2792- A	US		PO	DI	US DE	P12510.4 CC	2792- A	US	W	PO			0.3	2792- A	US	W	PO	DI	Number Na	File
COMMUNICATION DEVICE	A VIDEO	USER INTERFACE FOR	PORTION THEREOF	DISPLAY SCREEN OR	DEVICE	COMMUNICATION	A VIDEO	USER INTERFACE FOR	WITH A GRAPHICAL	PORTION THEREOF	DISPLAY SCREEN OR	DEVICE	COMMUNICATION	A VIDEO	USER INTERFACE FOR	WITH A GRAPHICAL	PORTION THEREOF	DISPLAY SCREEN OR	DEVICE	COMMUNICATION	A VIDEO	USER INTERFACE FOR	WITH A GRAPHICAL	PORTION THEREOF	DISPLAY SCREEN OR	Name of Patent	
States (US)	United				(US)	States	United					(US)	States	United				,	(US)	States	United					Country	
29/605,2 08					07	29/605,2						05	29/605,2						02	29/605,2						No.	Serial
5/24/201 7					7	5/24/201						7	5/24/201						7	5/24/201						Date	Filing
D815136					D798329							D798328							D798327							No.	Patent
4/10/2018					9/26/2017							9/26/2017							9/26/2017							Issue Date	
Patent Issued					Issued	Patent						Issued	Patent						Issued	Patent						Status	Current

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P12512US	2792-						US	P12511.2	2792-					US	P12511.1	2792-					P12511US	2792-						Number	File
CORRESPONDING TO	IMAGES	FOR DISTRIBUTING	RELATED METHODS	ENDPOINTS, AND	COMMUNICATION	SYSTEMS,	ENDPOINTS	OTHER VIDEO	STORED TEXT TO	TRANSMITTING	METHODS FOR	AND RELATED	VIDEO ENDPOINTS	ENDPOINTS	OTHER VIDEO	STORED TEXT TO	TRANSMITTING	METHODS FOR	AND RELATED	VIDEO ENDPOINTS	ENDPOINTS	OTHER VIDEO	STORED TEXT TO	TRANSMITTING	METHODS FOR	AND RELATED	VIDEO ENDPOINTS	Name of Patent	
(US)	States	United					(US)	States	United					(US)	States	United					(US)	States	United					Country	
61	14/539,9						25	15/818,3						27	15/295,8						06	14/543,7						No.	Scrial
	11/12/20						17	11/20/20						16	10/17/20						14	11/17/20						Date	Filing
8	9,491,25						47	10,250,8						25	10,165,2							9,473,62						No.	Patent
11/8/2016							9	04/02/201						8	12/25/201						6	10/18/201						Issue Date	
Issued	Patent						Issued	Patent						Issued	Patent						Issued	Patent						Status	Current

P12655US VIDE0	2792-		US COMN	P12654.2 UNIT	2792- MAIN	US COMN	2654.1	2792- CAME	P12654US COMN	2792- VIDEO		US ENDP	P12512.1 COMN	2792- CORR	IMAGES	FOR D	RELA'	ENDP	COMN	SYSTEMS		ENDP	COMN	Number Name	File
VIDEO PHONE SET			COMMUNICATION SET	UNIT OF A VIDEO	MAIN PROCESSING	COMMUNICATION SET	OF A VIDEO	CAMERA ASSEMBLY	COMMUNICATION SET)		ENDPOINTS	COMMUNICATION	CORRESPONDING TO	ES	FOR DISTRIBUTING	RELATED METHODS	ENDPOINTS, AND	COMMUNICATION	EMS,		ENDPOINTS	COMMUNICATION	Name of Patent	
(US)	States	United	(US)	States	United	(US)	States	United	(US)	States	United	(US)	States	United										Country	
46	29/518,6		46	29/591,8		57	29/565,0		45	29/518,6		25	15/345,3											No.	Serial
5	2/25/201		7	1/24/201		6	5/17/201		5	2/25/201		6	11/7/201											Date	Filing
D758984			D787,463			D783,075			D759621			4	9,959,01											No.	Patent
6/14/2016			5/23/2017			4/4/2017			6/21/2016			5/21/2018												Issue Date	
Issued	Patent		Issued	Patent		Issued	Patent		Issued	Patent		Issued	Patent											Status	Current

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2792- P12671US		P12670US	2792-		P12669US	2792-			P12668US	2792-								US	P12655.2	2792-	US	P12655.1	2792-	Number	File
AND RELATED METHODS	CAMERA ASSEMBLY HAVING A CAMERA SUPPORT SYSTEM WITH A BIASED HINGE	RELATED METHODS	ENDPOINTS, AND	HIGH-SPEED VIDEO INTERFACES, VIDEO	RELATED METHODS	ENDPOINTS, AND	COMMUNICATION	ALERT DEVICES,	ENDPOINTS	COMMUNICATION	CONTROLLING	FOR REMOTELY	RELATED METHODS	ENDPOINTS, AND	COMMUNICATION	SYSTEMS,	COMMUNICATION	VIDEO PHONE SET	CRADLE UNIT FOR A	A HANDSET AND	PHONE SET	UNIT OF A VIDEO	A TOUCH-SCREEN	Name of Patent	
States (US)	United	(US)	States	United	(US)	States	United		(US)	States	United							(US)	States	United	(US)	States	United	Country	
14/630,4 52		96	14/741,2		49	14/636,0			83	14/660,6								05	29/593,7		50	29/565,0		No.	Serial
2/24/201 5		5	6/16/201		3/2/2015				5	3/17/201								7	2/10/201		6	5/17/201		Date	Filing
9,217,91 1		2	9,432,62						8	9,473,73								D792867			D792362			No.	Patent
12/22/201 5		8/30/2016							6	10/18/201								7/25/2017			7/18/2017			Issue Date	
Patent Issued		Issued	Patent		Abandoned				Issued	Patent								Issued	Patent		Issued	Patent		Status	Current

2792- P12833US										P12832US	2792-						P12747US	2792-		P12673US	2792-							Number	File
USERS WITH DIFFERENT ABILITIES	DEVICES HAVING	COMMUNICATION	BETWEEN	FOR ROUTING CALLS	RELATED METHODS	DEVICES, AND	COMMUNICATION	SYSTEMS,	COMMUNICATION	USERS	AUDIBLY-IMPAIRED	MESSAGING FOR	INSTANT VIDEO	METHODS FOR	APPARATUSES, AND	SYSTEMS,	PHONE	DEVICE FOR A VIDEO	REMOTE CONTROL	CAPABLE	AND AUDIBLY-	AUDIBLY-IMPAIRED	BETWEEN THE	COMMUNICATION	METHODS FOR VIDEO	APPARATUSES, AND	SYSTEMS,	Name of Patent	
States (US)	United									(US)	States	United					(US)	States	United	(US)	States	United						Country	
14/736,1 69										8	14/82041						47	29/518,6		27	14/664,7							No.	Serial
6/10/201 5										8/6/2015							5	2/25/201		5	3/20/201							Date	Filing
9,571,78 8																	D757692											No.	Patent
2/14/2017																	5/31/2016											Issue Date	
Patent Issued										Abandoned							Issued	Patent		Abandoned								Status	Current

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P12920US	2792-							P12836US	2792-					US	P12833.1	2792-									Number	File
LANGUAGE USER	AREA OF A SIGN	FRAMING A SIGNING	FOR AUTOMATIC	RELATED METHOD	SYSTEM, AND	COMMUNICATION	VIDEO ENDPOINT,	PACKETIZED DATA	CORRECTION OF	FOR FORWARD ERROR	RELATED METHODS	ENDPOINTS AND	COMMUNICATION	DIFFERENT ABILITIES	USERS WITH	DEVICES HAVING	COMMUNICATION	BETWEEN	FOR ROUTING CALLS	RELATED METHODS	DEVICES, AND	COMMUNICATION	SYSTEMS,	COMMUNICATION	Name of Patent	
(US)	States	United						(US)	States	United				(US)	States	United									Country	
	14/929,1							18	14/882,1					37	15/431,5										No.	Serial
15	10/30/20							15	10/13/20					7	2/13/201										Date	Filing
								1	1006326																No.	Patent
								8/28/2018																	Issue Date	
Pending								Issued	Patent					Pending											Status	Current

2792- P13160.3 US	2792- P13160.2 US	2792- P13160.1 US	2792- P13160US	File Number
DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	Name of Patent
United States (US)	United States (US)	United States (US)	United States (US)	Country
29/635,5 53	29/635,5	29/635,5 24	29/561,8	Serial No.
1/31/201	1/31/201	1/31/201	4/20/201 6	Filing Date
D825,606	D823,881	D823,880	D817,982	Patent No.
8/14/2018	7/24/2018	7/24/2018	5/15/2018	Issue Date
Patent Issued	Patent Issued	Patent Issued	Patent Issued	Current Status

2792-	2792-	2792-	2792-	File
P13164US	P13163US	P13162US	P13161US	Number
DISPLAY SCREEN OR	DISPLAY SCREEN OR	DISPLAY SCREEN OR	DISPLAY SCREEN OR	Name of Patent
PORTION THEREOF	PORTION THEREOF	PORTION THEREOF	PORTION THEREOF	
WITH A GRAPHICAL	WITH A GRAPHICAL	WITH A GRAPHICAL	WITH A GRAPHICAL	
USER INTERFACE	USER INTERFACE	USER INTERFACE	USER INTERFACE	
United	United	United	United	Country
States	States	States	States	
(US)	(US)	(US)	(US)	
29/561,8	29/561,8	29/561,8 88	29/561,8	Serial No.
4/20/201	4/20/201	4/20/201	4/20/201	Filing
	6	6	6	Date
D823,883	D829,735	D823,325	D823,882	Patent No.
7/24/2018	10/2/2018	7/17/2018	7/24/2018	Issue Date
Patent	Patent	Patent	Patent	Current
Issued	Issued	Issued	Issued	Status

2792- 13217US		2792- P13169.1 US	2792- P13169US	2792- P13166US	2792- P13165US	File Number
USERS WITH N11 SERVICES IN A VIDEO	VIDEO RELAY SERVICE, COMMUNICATION SYSTEM, AND RELATED METHODS FOR CONNECTING	DISPLAY SCREEN WITH TRANSITIONAL GRAPHICAL USER INTERFACE	DISPLAY SCREEN WITH TRANSITIONAL GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE	DISPLAY SCREEN WITH A GRAPHICAL USER INTERFACE FOR A VIDEO COMMUNICATION DEVICE	Name of Patent
States (US)	United	United States (US)	United States (US)	United States (US)	United States (US)	Country
15/203,7 05		29/635,3 81	29/561,9	29/561,9	29/561,8	Serial No.
7/6/2016		1/30/201	4/20/201	4/20/201	4/20/201	Filing Date
9,635,17 4		D823,334	D815123	D823,884	D822691	Patent No.
4/25/2017		7/17/2018	4/10/2018	7/24/2018	7/10/2018	Issue Date
Patent Issued		Patent Issued	Patent Issued	Patent Issued	Patent Issued	Current Status

2792- 13628US			13217.1.U S	2792-					File Number
HAVING CENTERS IN MULTIPLE LOCATIONS	DATABASES FOR FORECASTING AND RECOMMENDING SCHEDULE CHANGES ACROSS AN ORGANIZATION	AND RELATED METHODS FOR MANAGING	RELAY SERVICE ENVIRONMENT	USERS WITH N11 SERVICES IN A VIDEO	RELATED METHODS FOR CONNECTING	SYSTEM, AND	VIDEO RELAY SERVICE, COMMUNICATION	RELAY SERVICE ENVIRONMENT	Name of Patent
States (US)	United		States (US)	United					Country
15/632,0 20			15/488,2 54						Serial No.
6/23/201 7			4/14/201 7						Filing Date
			10,084,9 10						Patent No.
			9/25/2018						Issue Date
Pending			Patent Issued						Current Status

13630US	2792-										13629US	2792-												Number	File
LOCATIONS	CENTERS IN MULTIPLE	HAVING WORK	AN ORGANIZATION	SCHEDULES ACROSS	MODIFYING	DATABASE AND	MANAGING A	METHODS FOR	AND RELATED	SYSTEMS, DEVICES,	MULTIPLE LOCATIONS	HAVING CENTERS IN	ORGANIZATION	ACROSS AN	MANAGEMENT	WORK RULE	GENERATION AND	SCHEDULE	AUTOMATED	DATABASES FOR	METHODS MANAGING	AND RELATED	SYSTEMS, DEVICES,	Name of Patent	
(US)	States	United									(US)	States	United											Country	
85	15/632,0										56	15/632,0												No.	Scrial
7	6/23/201										7	6/23/201												Date	Filing
																								No.	Patent
																								Issue Date	
Pending											Pending													Status	Current

2792- 13903.1U	2792- 13903US	File Number
VIDEO RELAY SERVICE, COMMUNICATION SYSTEM, AND RELATED METHODS FOR PERFORMING ARTIFICIAL INTELLIGENCE SIGN LANGUAGE TRANSLATION SERVICES IN A VIDEO RELAY SERVICE ENVIRONMENT	VIDEO RELAY SERVICE, COMMUNICATION SYSTEM, AND RELATED METHODS FOR PERFORMING ARTIFICIAL INTELLIGENCE SIGN LANGUAGE TRANSLATION SERVICES IN A VIDEO RELAY SERVICE ENVIRONMENT	Name of Patent
United States (US)	United States (US)	Country
16/213,0	15/801,1	Serial No.
12/7/201	11/1/201	Filing Date
	10,176,3	Patent No.
	1/8/2019	Issue Date
Pending	Patent Issued	Current Status

2792- 14010US		13915US	2792-								13912US	2792-										Number	File
FOR ESTABLISHING A CALL CONNECTION	VIDEO RELAY SERVICE, COMMUNICATION SYSTEM, AND RELATED METHODS	SESSION	INTERPRETER DURING A COMMUNICATION	TO A SIGN LANGUAGE	REMOTE ASSISTANCE	RELATED METHODS	SYSTEM, AND	COMMUNICATION	SERVICE,	VIDEO RELAY	ENVIRONMENT	HEARING-IMPAIRED	REQUEST IN A	COMMUNICATION	INCOMING	INFORMATION FOR AN	CALLEE ID	INDICATION OF	FOR VISUAL	RELATED METHODS	SYSTEMS AND	Name of Patent	
States (US)	United	(US)	United States								(US)	States	United									Country	
62/581,5 46		03	15/809,5								96	15/794,8										No.	Serial
11/3/201 7		17	11/10/20								17	10/26/20										Date	Filing
		33	10,127,8								95	10,129,3										No.	Patent
		8	11/13/201								8	11/13/201										Issue Date	
Expired		Issued	Patent								Issued	Patent										Status	Current

File Number	Name of Patent	Country	Serial No.	Filing Date	Patent No.	Issue Date Status	Current Status
	THROUGH VOIP PUSH NOTIFICATION						
		United					
2792-	TELECOMMUNICATIO	States	29/674,3	12/20/20			
14494US	N FLASHING DEVICE	(US)	26	18			Pending
	DEVICES, SYSTEMS, AND RELATED						
	METHODS FOR VISUAL						
	INDICATION OF AN	United					
2792-	OCCURRENCE OF AN	States					
14495US	EVENT	(US)					In Process

CaptionCall, LLC:

Patent Type	Application Type	Title	Status	Application Number	Filed Date	National/Actual Filed Date	Patent Number	Granted Date
Non	Priority	METHODS AND	Invalidated	12/624,973	11/24/2009		8,379,801	2/19/2013
Provisional		SYSTEMS RELATED TO TEXT	(after grant)					
		CAPTION ERROR						
		CORRECTION						
Non	Continuation	METHODS AND	Abandoned	13/768,918	2/15/2013			
Provisional		APPARATUSES						
		CAPTION ERROR						
		CORRECTION						

Design	Design P	Design P	Non P Provisional	Non Provisional	Design P
Priority	Priority	Priority	Priority	Priority	Priority
DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE WITH ANIMATED RING BACKGROUND	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	CAPTIONING COMMUNICATION DEVICE	METHODS AND DEVICES FOR UPDATING AN ADAPTIVE FILTER FOR ECHO CANCELLATION	SYSTEMS AND METHODS FOR USING A CAPTION DEVICE WITH A MOBILE DEVICE	CAPTIONING COMMUNICATION DEVICE
Granted	Abandoned	Granted	Granted	Granted	Granted
29/507,658	29/507,529	29/485,959	14/101,158	14/044,586	29/457,099
10/29/2014	10/28/2014	3/25/2014	12/9/2013	10/2/2013	6/6/2013
D777,183	D777,182	D739,372	9,191,493	9,191,789	D725,623
1/24/2017	1/24/2017	9/22/2015	11/17/2015	11/17/2015	3/31/2015

Provisional	Provisional	Provisional	Provisional
Priority	Priority	Priority	Priority
METHODS AND SYSTEMS FOR ROUTING PATIENT INFORMATION TO A COMMUNICATION SERVICE PROVIDER AND TO A COMMUNICATION DEVICE FOR HEARING- IMPAIRED USERS	APPARATUSES AND METHODS FOR ROUTING DIGITAL VOICE DATA IN A COMMUNICATION SYSTEM FOR HEARING- IMPAIRED USERS	APPARATUSES AND METHODS FOR DIAGNOSING NETWORK CONNECTIVITY IN A COMMUNICATION SYSTEM FOR ASSISTING HEARING- IMPAIRED USERS	APPARATUSES AND METHODS FOR DISTRIBUTED CONFIGURATION MANAGEMENT OF COMMUNICATION DEVICES
Expired	Expired	Expired	Expired
62/127,227	62/079,872	62/076,187	62/073,721
3/2/2015	11/14/2014	11/6/2014	10/31/2014

Design	Design	Non Provisional	Non Provisional
Priority	Priority	Priority	Priority
DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL USER INTERFACE	CAPTIONING COMMUNICATION DEVICE DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	COMMUNICATION ENDPOINTS, SOFTWARE UPDATE SERVERS, AND RELATED METHODS	COMMUNICATION DEVICE AND RELATED METHODS FOR AUTOMATICALLY CONNECTING TO A CAPTIONING COMMUNICATION SERVICE TO RECEIVE TEXT CAPTIONS FOLLOWING AN INTERRUPTION DURING A CALL
Granted	Granted	Granted	Granted
29/522,237	29/522,231	14/670,257	14/668,868
3/27/2015	3/27/2015	3/26/2015	3/25/2015
D802,618	D795,276	9,563,418	9,197,745
11/14/2017	8/22/2017	2/7/2017	11/24/2015

Design	Design	Design	Design	Non Provisional
Priority	Priority	Priority	Priority	Priority
DISPLAY SCREEN OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	CAPTIONING COMMUNICATION DEVICE WITH VOLUME CONTROL	COMMUNICATION DEVICE AND RELATED METHODS FOR OFFLINE DATA RECORD MODIFICATION AND SYNCHRONIZATIO N WITH A BACKEND SERVER ASSOCIATED WITH A RELAY SERVICE FOR HEARING- IMPAIRED USERS
Granted	Granted	Granted	Granted	Granted
29/522,393	29/522,388	29/522,385	29/522,381	14/673,341
3/30/2015	3/30/2015	3/30/2015	3/30/2015	3/30/2015
D777,190	D777,189	D777,188	D778,870	9,258,415
1/24/2017	1/24/2017	1/24/2017	2/14/2017	2/9/2016

Non Provisional		Non Provisional	Provisional	Non Provisional	Non Provisional
Secondary		Secondary	Priority	Secondary	Priority
APPARATUSES AND METHODS FOR ROUTING DIGITAL VOICE DATA IN A COMMUNICATION SYSTEM FOR	NETWORK CONNECTIVITY IN A COMMUNICATION SYSTEM FOR ASSISTING HEARING- HEARING- IMPAIRED USERS	APPARATUSES AND METHODS FOR DIAGNOSING	METHODS AND DEVICES FOR UPDATING FILTER COEFFICIENTS DURING ECHO CANCELLATION	APPARATUSES AND METHODS FOR DISTRIBUTED CONFIGURATION MANAGEMENT OF COMMUNICATION DEVICES	DEVICE, SYSTEM, AND METHOD FOR PERFORMING ECHO CANCELLATION IN DIFFERENT MODES OF A COMMUNICATION DEVICE
Granted		Abandoned	Expired	Granted	Granted
14/709,303		14/705,495	62/156,801	14/701,062	14/679,922
5/11/2015		5/6/2015	5/4/2015	4/30/2015	4/6/2015
9,247,052				9,893,938	9,191,494
1/26/2016				2/13/2018	11/17/2015

Provisional	Non Provisional	Non Provisional	
Priority	Priority	Secondary	
AUTOMATIC VOLUME CONTROL OF A FAR-END VOICE SIGNAL PROVIDED TO A CAPTIONING COMMUNICATION SERVICE	METHODS AND DEVICES FOR AUTOMATICALLY CONNECTING TO A COMMUNICATION SERVICE THROUGH A PASSWORD PROTECTED NETWORK CONNECTION	METHODS AND SYSTEMS FOR ROUTING PATIENT INFORMATION TO A COMMUNICATION SERVICE PROVIDER AND TO A COMMUNICATION DEVICE FOR HEARING- IMPAIRED USERS	HEARING- IMPAIRED USERS
Expired	Granted	Granted	
62/219,654	14/819,316	14/717,941	
9/16/2015	8/5/2015	5/20/2015	
	9,686,404	9,946,842	
	6/20/2017	4/17/2018	

Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional
Priority	Divisional	Divisional	Secondary	Secondary
VIDEO CAPTIONING COMMUNICATION SYSTEM, DEVICES AND RELATED METHODS FOR CAPTIONING DURING A REAL- TIME VIDEO COMMUNICATION SESSION	METHODS FOR USING A CAPTION DEVICE WITH A MOBILE DEVICE	METHODS AND APPARATUS FOR PERFORMING ECHO CANCELLATION FOR A COMMUNICATION DEVICE	METHODS AND DEVICES FOR UPDATING FILTER COEFFICIENTS DURING ECHO CANCELLATION	METHODS AND DEVICES FOR AUTOMATIC VOLUME CONTROL OF A FAR-END VOICE SIGNAL PROVIDED TO A CAPTIONING COMMUNICATION SERVICE
Granted	Granted	Granted	Granted	Granted
14/939,831	14/938,797	14/938,811	14/933,954	14/933,893
11/12/2015	11/11/2015	11/11/2015	11/5/2015	11/5/2015
9,374,536	9,622,052	9,503,569	9,479,650	9,380,150
6/21/2016	4/11/2017	11/22/2016	10/25/2016	6/28/2016

Design	Non Provisional	Non Provisional	Non Provisional
Priority	Continuation	Continuation	Continuation
GRAPHICAL USER INTERFACE FOR A DISPLAY SCREEN OR PORTION THEREOF FOR A PROFESSIONAL CERTIFICATION FORM FOR A HEARING CARE PROFESSIONAL DEVICE	TEXT CAPTION ERROR CORRECTION	APPARATUSES AND METHODS FOR ROUTING DIGITAL VOICE DATA IN A COMMUNICATION SYSTEM FOR HEARING- IMPAIRED USERS	COMMUNICATION DEVICE AND RELATED RELATED METHODS FOR AUTOMATICALLY CONNECTING TO A CAPTIONING COMMUNICATION SERVICE TO RECEIVE TEXT CAPTIONS FOLLOWING AN INTERRUPTION DURING A CALL
Abandoned	Granted	Granted	Granted
29/562,387	15/096,087	15/005,828	14/942,905
4/25/2016	4/11/2016	1/25/2016	11/16/2015
	10,186,170	9,357,064	9,787,831
	1/22/2019	5/31/2016	10/10/2017

Design	Design	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional
Priority	Priority	Priority	Continuation	Continuation -in-part	Priority	Continuation
DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	DETECTING DIAL TONE ON A TELEPHONE LINE	AUTOMATIC VOLUME CONTROL OF A VOICE SIGNAL PROVIDED TO A CAPTIONING COMMUNICATION SERVICE	CAPTIONING COMMUNICATION SYSTEMS	VOICE OVER INTERNET PROTOCOL CREDENTIALS	ROUTING DIGITAL VOICE DATA IN A COMMUNICATION SYSTEM FOR HEARING- IMPAIRED USERS
Granted	Granted	Granted	Published	Granted	Granted	Abandoned
29/570,636	29/570,388	15/198,841	15/194,332	15/185,459	15/184,589	15/164,256
7/11/2016	7/7/2016	6/30/2016	6/27/2016	6/17/2016	6/16/2016	5/25/2016
D775,654	D775,653	9,503,568		9,525,830	9,614,973	
1/3/2017	1/3/2017	11/22/2016		12/20/2016	4/4/2017	

Design	Design	Design	Design	Design	Non Provisional	Non Provisional
Priority	Priority	Priority	Priority	Priority	Priority	Priority
DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	TELEPHONE NUMBER ADJUSTMENT	TRANSCRIBING AUDIO COMMUNICATION SESSIONS
Granted	Granted	Granted	Granted	Granted	Granted	Granted
29/575,977	29/575,976	29/575,974	29/575,973	29/575,972	15/248,427	15/221,278
8/30/2016	8/30/2016	8/30/2016	8/30/2016	8/30/2016	8/26/2016	7/27/2016
D804,505	D808,422	D804,504	D818,477	D804,503	9,680,979	9,497,315
12/5/2017	1/23/2018	12/5/2017	5/22/2018	12/5/2017	6/13/2017	11/15/2016

Design	Design	Design	Design	Non Provisional	Non Provisional	Design
Divisional	Divisional	Divisional	Priority	Priority	Priority	Priority
DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	ELECTRONIC DEVICE INCLUDING A DIRECTIONAL MICROPHONE	SIGNAL CLIPPING COMPENSATION	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE
Granted	Granted	Granted	Granted	Granted	Granted	Granted
29/578,734	29/578,727	29/578,715	29/577,079	15/260,831	15/253,142	29/575,978
9/23/2016	9/23/2016	9/23/2016	9/9/2016	9/9/2016	8/31/2016	8/30/2016
D800,151	D799,524	D799,537	D804,507	9,628,596	9,679,578	D804,506
10/17/2017	10/10/2017	10/10/2017	12/5/2017	4/18/2017	6/13/2017	12/5/2017

Design	Design	Design	Design	
Divisional	Divisional	Divisional	Divisional	
DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	GRAPHICAL USER INTERFACE
Granted	Granted	Granted	Granted	
29/578,780	29/578,778	29/578,772	29/578,748	
9/23/2016	9/23/2016	9/23/2016	9/23/2016	
D800,156	D800,155	D799,526	D799,525	
10/17/2017	10/17/2017	10/10/2017	10/10/2017	

Design	Provisional	Design	Design	Design	Design
Divisional	Priority	Divisional	Divisional	Divisional	Divisional
CAPTIONING COMMUNICATION DEVICE WITH VOLUME CONTROL	AUDIOGRAM DATA INTEGRATION IN A TRANSCRIPTION DEVICE	GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE	DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE
Granted	Expired	Granted	Granted	Granted	Granted
29/579,930	62/402,188	29/578,930	29/578,940	29/578,784	29/578,783
10/4/2016	9/30/2016	9/26/2016	9/26/2016	9/23/2016	9/23/2016
D794,596		D799,528	D803,857	D800,157	D799,538
8/15/2017		10/10/2017	11/28/2017	10/17/2017	10/10/2017

Design	Design	Design	Non Provisional	Design	Design
Divisional	Divisional	Divisional	Priority	Divisional	Divisional
GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	REMOTE VOICE RECOGNITION	CAPTIONING COMMUNICATION DEVICE WITH VOLUME CONTROL, AND GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF	DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE
Abandoned	Abandoned	Abandoned	Granted	Abandoned	Granted
29/580,229	29/580,225	29/580,214	15/287,370	29/579,938	29/579,933
10/6/2016	10/6/2016	10/6/2016	10/6/2016	10/4/2016	10/4/2016
			9,674,351		D807,390
			6/6/2017		1/9/2018

Design	Design	Design	Design	Design
Divisional	Divisional	Divisional	Divisional	Divisional
DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE	GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE	DISPLAY SCREEN OR PORTION THEREOF WITH ICON BUTTON	GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE	GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE
Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
29/580,241	29/580,239	29/580,238	29/580,236	29/580,235
10/6/2016	10/6/2016	10/6/2016	10/6/2016	10/6/2016
		D820,270		
		6/12/2018		

Non Provisional	Non Provisional	Non Provisional	Non Provisional	Provisional	Design	Design
Continuation	Continuation	Continuation	Continuation	Priority	Divisional	Divisional
TRANSCRIBING AUDIO COMMUNICATION SESSIONS	DETECTING DIAL TONE ON A TELEPHONE LINE	ECHO CANCELLATION FOR A COMMUNICATION DEVICE	UPDATING FILTER COEFFICIENTS DURING ECHO CANCELLATION	ENDPOINT NETWORK ENABLED COMMUNICATION SESSIONS	DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE WITH GRAPHICAL USER INTERFACE	GRAPHICAL USER INTERFACES AND ICONS FOR A DISPLAY SCREEN OR PORTION THEREOF OF A CAPTIONING COMMUNICATION DEVICE
Granted	Granted	Published	Allowed	Expired	Granted	Abandoned
15/342,969	15/334,251	15/331,697	15/331,695	62/407,302	29/580,354	29/580,246
11/3/2016	10/25/2016	10/21/2016	10/21/2016	10/12/2016	10/7/2016	10/6/2016
9,674,341	10,063,691				D799,529	
6/6/2017	8/28/2018				10/10/2017	

Non Continuation VOICE-OVER-Provisional PROTOCOL CREDENTIALS	Non Priority AUTOMATICALLY Provisional Priority DELAYING PLAYBACK OF A VOICE MESSAGE AT A CAPTIONING DEVICE	Non Secondary INTEGRATION OF AUDIOGRAM DATA INTO A DEVICE	Non Continuation COMMUNICATION Provisional ENDPOINTS, SOFTWARE UPDATE SERVERS AND RELATED METHODS	Non Priority SELECTING AUDIO Provisional PROFILES	Non Priority TRANSCRIBING Provisional MEDIA FILES	Non Priority AUTOMATICALLY Provisional ESTABLISHING A COMMUNICATION SESSION ASSOCIATED WITH AN EVENT	SYSTEMS
Granted	Granted	Granted	Abandoned	Granted	Granted	Granted	
15/448,185	15/446,767	15/444,917	15/423,886	15/415,066	15/380,589	15/377,808	
3/2/2017	3/1/2017	2/28/2017	2/3/2017	1/25/2017	12/15/2016	12/13/2016	
10,063,530	9,917,939	10,085,096		9,973,627	10,091,354	9,794,387	
8/28/2018	3/13/2018	9/25/2018		5/15/2018	10/2/2018	10/17/2017	

6/5/2018	9,992,318	3/31/2017	15/476,471	Granted	STORING MESSAGES	Priority	Non Provisional
		3/30/2017	15/474,552	Published	AMPLIFICATION ADJUSTMENT IN COMMUNICATION DEVICES	Priority	Non Provisional
8/22/2017	D795,282	3/29/2017	29/598,922	Granted	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	Priority	Design
8/29/2017	D795,912	3/29/2017	29/598,916	Granted	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	Priority	Design
11/28/2017	D803,852	3/29/2017	29/598,832	Granted	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	Priority	Design
3/6/2018	D812,072	3/29/2017	29/598,881	Granted	DISPLAY SCREEN OR A PORTION THEREOF WITH A GRAPHICAL USER INTERFACE	Priority	Design
4/30/2019	10,277,183	3/14/2017	15/458,770	Granted	VOLUME- DEPENDENT AUTOMATIC GAIN CONTROL	Priority	Non Provisional
5/8/2018	9,967,813	3/6/2017	15/451,169	Granted	MANAGING COMMUNICATION SESSIONS WITH RESPECT TO MULTIPLE TRANSPORT MEDIA	Priority	Non Provisional

Non Secondary WEE Provisional COM	Non Priority NOIS Provisional IN A	Non Priority DET Provisional FEE	Non Continuation AUT Provisional THR PAS PAC ON	Non Continuation TRANS Provisional COMMI COMMI	Design Priority DISF OR / THE ANIN GRA	Provisional Priority WEE COM FRO AUD	Non Continuation ELE Provisional A DI MICI	Non Continuation TRA Provisional CON THR CON THR
WEB REAL-TIME COMMUNICATION FROM AN	NOISE REDUCTION IN AUDIO SIGNALS	DETECTING AND REDUCING FEEDBACK	AUTOMATIC CONNECTION THROUGH A PASSWORD PROTECTED NETWORK CONNECTION	TRANSCRIBING AUDIO COMMUNICATION SESSIONS	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	WEB REAL-TIME COMMUNICATION FROM AN AUDIOVISUAL FILE	ELECTRONIC DEVICE INCLUDING A DIRECTIONAL MICROPHONE	TRANSCRIPTION OF COMMUNICATIONS THROUGH A MOBILE DEVICE
Published	Published	Published	Granted	Application	Allowed	Expired	Application	Granted
15/611,489	15/611,499	15/611,441	15/610,284	15/601,750	29/603,263	62/501,915	15/485,685	15/481,277
6/1/2017	6/1/2017	6/1/2017	5/31/2017	5/22/2017	5/8/2017	5/5/2017	4/12/2017	4/6/2017
			10,015,312					9,843,676
			7/3/2018					12/12/2017

Design	Design	Design	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional
Continuation	Continuation	Continuation	Secondary	Secondary	Designated PCT	Priority	Priority	Secondary
DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE	TRANSCRIBING AUDIO COMMUNICATION SESSIONS	TRANSCRIBING AUDIO COMMUNICATION SESSIONS	TRANSCRIBING AUDIO COMMUNICATION SESSIONS	TELEPHONE RECEIVER IDENTIFICATION	TESTING SYSTEMS THAT INCLUDE DIGITAL SIGNAL PROCESSING SYSTEMS	DETECTING DIAL TONE ON A TELEPHONE LINE
Abandoned	Abandoned	Abandoned	Published	Expired	Application	Granted	Published	Published
29/612,441	29/612,440	29/612,438	201710618641.7	PCT/US2017/042 578	17834977.5	15/648,637	15/643,356	201710527198.2
8/1/2017	8/1/2017	8/1/2017	7/26/2017	7/18/2017	7/18/2017	7/13/2017	7/6/2017	6/30/2017
					6/15/2018			
						10,237,381		
						3/19/2019		

Non Provisional	Utility Model	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Design	Design	Design
Designated PCT	Secondary	Secondary	Secondary	Designated PCT	Secondary	Priority	Priority	Priority
INTEGRATION OF AUDIOGRAM DATA INTO A DEVICE	TELEPHONE HANDSET AND TELEPHONE CONSOLE	SIGNAL CLIPPING COMPENSATION	TELEPHONE NUMBER ADJUSTMENT	TELEPHONE NUMBER ADJUSTMENT	TELEPHONE NUMBER ADJUSTMENT	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE
Application	Granted	Published	Published	Published	Published	Application	Application	Application
17857239.2	201721154769.4	201710763846.4	PCT/US2017/048 711	17844524.3	201710736551.8	29/613,668	29/613,667	29/613,666
9/22/2017	9/8/2017	8/30/2017	8/25/2017	8/25/2017	8/24/2017	8/11/2017	8/11/2017	8/11/2017
7/10/2018				3/14/2018				
	ZL 20172115476 9.4							
	6/12/2018							

		10/31/2017	29/624,395	Application	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED	Continuation	Design
		10/12/2017	PCT/US2017/056 401	Published	TRANSCRIPTION PRESENTATION OF COMMUNICATION SESSIONS	Secondary	Non Provisional
		10/12/2017	15/782,734	Published	TRANSCRIPTION PRESENTATION OF COMMUNICATION SESSIONS	Secondary	Non Provisional
		10/12/2017	15/782,728	Allowed	TRANSCRIPTION PRESENTATION OF COMMUNICATION SESSIONS	Secondary	Non Provisional
		10/12/2017	15/782,719	Allowed	TRANSCRIPTION PRESENTATION OF COMMUNICATION SESSIONS	Secondary	Non Provisional
		10/12/2017		Not Filed	TRANSCRIPTION PRESENTATION OF COMMUNICATION SESSIONS	Designated PCT	Non Provisional
		10/12/2017		To Be Filed	TRANSCRIPTION PRESENTATION OF COMMUNICATION SESSIONS	Designated PCT	Non Provisional
3/12/2019	10,230,842	10/9/2017	15/728,384	Granted	AUTOMATIC CONNECTION TO A TRANSCRIPTION SYSTEM	Continuation	Non Provisional
3/5/2019	10,224,057	9/25/2017	15/714,526	Granted	PRESENTATION OF COMMUNICATIONS	Priority	Non Provisional
		9/22/2017	PCT/US2017/053 036	Published	INTEGRATION OF AUDIOGRAM DATA INTO A DEVICE	Secondary	Non Provisional

Provisional	Non	Non Provisional	Non Provisional	Design	Non Provisional	Design	Non Provisional	Design	
	Priority	Priority	Priority	Continuation	Continuation	Continuation	Priority	Continuation	
COMMUNICATIONS	TRANSCRIPTION	NOISE REDUCTION IN AN AUDIO SYSTEM	AUDIO SIGNAL MODIFICATION BASED ON EAR PLACEMENT OF AN EARPIECE	DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	TRANSCRIPTION OF COMMUNICATIONS THROUGH A DEVICE	DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	COMMUNICATION CONSOLE	DISPLAY SCREEN OR PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	GRAPHICAL USER INTERFACE
	Application	Granted	Abandoned	Abandoned	Granted	Granted	Application	Application	
	15/875,898	15/873,219	15/827,328	29/627,175	15/821,445	29/626,425	15/809,422	29/624,398	
	1/19/2018	1/17/2018	11/30/2017	11/22/2017	11/22/2017	11/16/2017	11/10/2017	10/31/2017	
		10,192,566			10,033,865	D847179			
		1/29/2019			7/24/2018	04/30/2019			

Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Design	Design	Non Provisional	Non Provisional
Secondary	Secondary	Secondary	Secondary	Secondary	Continuation	Priority	Priority	Secondary	Designated PCT
COMMUNICATIONS	WEB REAL-TIME COMMUNICATION FROM AN AUDIOVISUAL FILE	TELEPHONE RECEIVER IDENTIFICATION	AUTOMATICALLY DELAYING PLAYBACK OF A VOICE MESSAGE AT A CAPTIONING DEVICE	MANAGING COMMUNICATION SESSIONS WITH RESPECT TO MULTIPLE TRANSPORT MEDIA	AUTOMATICALLY DELAYING PLAYBACK OF A MESSAGE	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	SELECTING AUDIO PROFILES	SELECTING AUDIO PROFILES
Application	Application	Application	Application	Application	Allowed	Abandoned	Allowed	Published	Application
1851481	1851479	1851482	1851478	1851484	15/894,637	29/634,948	29/634,940	PCT/US2018/014 718	18731350.7
2/21/2018	2/21/2018	2/21/2018	2/21/2018	2/21/2018	2/12/2018	1/25/2018	1/25/2018	1/22/2018	1/22/2018
									6/27/2018
							D845343		
							4/9/2019		

Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional
Secondary	Secondary	Secondary	Secondary	Priority	Secondary
AUTOMATICALLY DELAYING PLAYBACK OF A VOICE MESSAGE AT A CAPTIONING DEVICE	AUTOMATICALLY DELAYING PLAYBACK OF A VOICE MESSAGE AT A DEVICE	AUTOMATICALLY DELAYING PLAYBACK OF A VOICE MESSAGE AT A CAPTIONING DEVICE	MANAGING COMMUNICATION SESSIONS WITH RESPECT TO MULTIPLE TRANSPORT MEDIA	TRANSCRIPTION OF COMMUNICATIONS USING MULTIPLE SPEECH RECOGNITION SYSTEMS	AUDIO SIGNAL MODIFICATION BASED ON EAR PLACEMENT OF AN EARPIECE
Application	Published	Published	Published	Granted	Abandoned
1803243.3	102018001572.7	201810167987.4	1803248.2	15/905,180	1851480
2/28/2018	2/28/2018	2/28/2018	2/28/2018	2/26/2018	2/21/2018
				10,192,554	
				1/29/2019	

Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional
Continuation	Secondary	Continuation	Secondary	Secondary	Secondary	Secondary	Secondary
PROFILES	WEB REAL-TIME COMMUNICATION FROM AN AUDIOVISUAL FILE	CONFIGURATION OF A COMMUNICATION DEVICE	STORING MESSAGES	AMPLIFICATION ADJUSTMENT IN COMMUNICATION DEVICES	VOLUME- DEPENDENT AUTOMATIC GAIN CONTROL	MANAGING COMMUNICATION SESSIONS WITH RESPECT TO MULTIPLE TRANSPORT MEDIA	MANAGING COMMUNICATION SESSIONS WITH RESPECT TO MULTIPLE TRANSPORT MEDIA
Allowed	Published	Application	Published	Published	Published	Published	Published
15/964,646	PCT/US2018/028 937	15/952,049	201810272282.9	201810273194.0	201810204947.2	201810183525.1	102018001729.0
4/27/2018	4/23/2018	4/12/2018	3/29/2018	3/29/2018	3/13/2018	3/6/2018	3/5/2018

Non Co Provisional	Non Se Provisional	Non Se Provisional	Non Pri Provisional	Non Se Provisional	Non Se Provisional	Non Provisional	Non Co Provisional	Non Co Provisional	Non Pri Provisional
Continuation	Secondary	Secondary	Priority	Secondary	Secondary	Priority	Continuation	Continuation	Priority
TRANSCRIPTION OF COMMUNICATIONS THROUGH A DEVICE	TESTING SYSTEMS THAT INCLUDE DIGITAL SIGNAL PROCESSING SYSTEMS	TELEPHONE RECEIVER IDENTIFICATION	MANAGEMENT OF COMMUNICATIONS BETWEEN DEVICES	NOISE REDUCTION IN AUDIO SIGNALS	DETECTING AND REDUCING FEEDBACK	TRANSCRIPTION GENERATION TECHNIQUE SELECTION	STORING MESSAGES	MANAGING COMMUNICATION SESSIONS WITH RESPECT TO MULTIPLE TRANSPORT MEDIA	TRANSCRIPTION OF COMMUNICATIONS
Allowed	Published	Published	Granted	Published	Published	Application	Published	Published	Application
16/039,692	2018107396633	PCT/US2018/039 064	15/997,080	201810557914.6	201810542126X	15/984,081	15/980,618	15/967,183	15/964,661
7/19/2018	7/6/2018	6/22/2018	6/4/2018	6/1/2018	5/30/2018	5/18/2018	5/15/2018	4/30/2018	4/27/2018
			10,237,402						
			3/19/2019						

Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional
Priority	Priority	Priority	Priority	Priority	Continuation	Priority	Secondary	Continuation	Continuation
SWITCHING BETWEEN SPEECH RECOGNITION SYSTEMS	TRAINING OF SPEECH RECOGNITION SYSTEMS	TRANSCRIPTION OF COMMUNICATIONS	RECEIVE-PATH SIGNAL GAIN OPERATIONS	EVENT-BASED PRESENTATION OF TRANSCRIPTION OF COMMUNICATIONS	INTEGRATION OF AUDIOGRAM DATA INTO A DEVICE	TRANSCRIPTION PRESENTATION	PRESENTATION OF COMMUNICATION	TRANSCRIBING MEDIA FILES	CAPTIONING COMMUNICATION SYSTEMS
Application	Application	Allowed	Application	Application	Published	Application	Published	Published	Published
16/209,594	16/209,524	16/154,553	16/141,446	201811080049.7	16/122,549	16/116,638	PCT/US2018/048 579	16/116,671	16/101,115
12/4/2018	12/4/2018	10/8/2018	9/25/2018	9/17/2018	9/5/2018	8/29/2018	8/29/2018	8/29/2018	8/10/2018

Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional	Non Provisional
Continuation	Continuation	Secondary	Continuation	Secondary	Secondary	Secondary	Priority	Priority
TRANSCRIPTION OF COMMUNICATIONS THROUGH A DEVICE	SELECTING AUDIO PROFILES	MANAGING COMMUNICATION SESSIONS WITH RESPECT TO MULTIPLE TRANSPORT MEDIA	AUTOMATIC CONNECTION TO A TRANSCRIPTION SYSTEM	TRANSCRIPTION OF COMMUNICATIONS	TRANSCRIPTION OF COMMUNICATIONS	NOISE REDUCTION IN AN AUDIO SYSTEM	TRAINING SPEECH RECOGNITION SYSTEMS USING WORD SEQUENCES	TRANSCRIPTION GENERATION FROM MULTIPLE SPEECH RECOGNITION SYSTEMS
Application	Application	Not Filed	Application	Application	Application	Application	Allowed	Application
16/359,745	16/370,573		16/254,320	PCT/US2018/066 572	PCT/US2018/066 053	PCT/US2018/065 799	16/209,640	16/209,623
3/20/2019	3/29/2019		1/22/2019	12/19/2018	12/17/2018	12/14/2018	12/4/2018	12/4/2018

Non Provisional	Non Provisional	Non Provisional	Non Provisional	Design	Design	Design	Non Provisional
Continuation	Secondary	Priority	Continuation	Secondary	Secondary	Secondary	Secondary
TRANSCRIPTION OF COMMUNICATIONS USING MULTIPLE SPEECH RECOGNITION SYSTEMS	TRANSCRIPTION GENERATION TECHNIQUE SELECTION	USING MULTIPLE ASR SYSTEMS SIMULTANEOUSLY	NOISE REDUCTION IN AN AUDIO SYSTEM	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR A PORTION THEREOF WITH ANIMATED GRAPHICAL USER INTERFACE	AUTOMATICALLY DELAYING PLAYBACK OF A VOICE MESSAGE AT A CAPTIONING DEVICE
To Be Filed	Application	Not Filed	To Be Filed	Not Filed	Not Filed	Not Filed	Not Filed
	PCT/US2019/022 810						
	3/18/2019						

RECORDED: 04/29/2019

Provisional	Non	Provisional	Non				Provisional	Non	Provisional	Non	Provisional	Non			Provisional	Non
	Continuation		Priority					Priority		Priority		Priority				Priority
OF COMMUNICATIONS	TRANSCRIPTION	PHONE	CERTIFICATION	MAINTENANCE	AND	INSTALLATION,	OPERATION,	DEVICE WITH EASY	FORWARDING	CALL	CAPTIONS	SIMPLIFIED	CAPTIONS	INACCURATE	DETECT	USING AI TO
	Application		To Be Filed					To Be Filed		To Be Filed		To Be Filed				To Be Filed
	16/370,214															
	3/29/2019															