

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI727368

|  |                                    |
|--|------------------------------------|
| <b>SUBMISSION TYPE:</b>                | NEW ASSIGNMENT                     |
| <b>NATURE OF CONVEYANCE:</b>           | Release (Reel 067417 / Frame 0303) |
| <b>CONVEYING PARTY DATA</b>            |                                    |
| <b>Name</b>                            | <b>Execution Date</b>              |
| Wells Fargo Bank, National Association | 12/31/2024                         |
| <b>RECEIVING PARTY DATA</b>            |                                    |
| <b>Company Name:</b>                   | Cerence Operating Company          |
| <b>Street Address:</b>                 | 25 Burlington Mall Road, Suite 416 |
| <b>City:</b>                           | Burlington                         |
| <b>State/Country:</b>                  | MASSACHUSETTS                      |
| <b>Postal Code:</b>                    | 01803                              |
| <b>PROPERTY NUMBERS Total: 77</b>      |                                    |
| <b>Property Type</b>                   | <b>Number</b>                      |
| Application Number:                    | 17958663                           |
| Application Number:                    | 17490367                           |
| Application Number:                    | 16671830                           |
| Application Number:                    | 17111868                           |
| Application Number:                    | 17239894                           |
| Application Number:                    | 17397522                           |
| Application Number:                    | 16308849                           |
| Application Number:                    | 16734108                           |
| Application Number:                    | 16348689                           |
| Application Number:                    | 17082558                           |
| Application Number:                    | 16830638                           |
| Application Number:                    | 16074953                           |
| Application Number:                    | 13795933                           |
| Application Number:                    | 17082632                           |
| Application Number:                    | 16638866                           |
| Application Number:                    | 15238238                           |
| Application Number:                    | 16663426                           |
| Application Number:                    | 15308731                           |
| Application Number:                    | 14281026                           |
| Application Number:                    | 14814192                           |

PATENT

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13795960 |
| Application Number: | 14483282 |
| Application Number: | 14483285 |
| Application Number: | 13759924 |
| Application Number: | 14565505 |
| Application Number: | 13301732 |
| Application Number: | 13456959 |
| Application Number: | 13795829 |
| Application Number: | 13583840 |
| Application Number: | 12415927 |
| Application Number: | 11379747 |
| Application Number: | 11765773 |
| Application Number: | 13214809 |
| Application Number: | 11838609 |
| Application Number: | 12189545 |
| Application Number: | 10532469 |
| Application Number: | 11824950 |
| Application Number: | 11044815 |
| Application Number: | 11533714 |
| Application Number: | 11275432 |
| Application Number: | 18386825 |
| Application Number: | 18219906 |
| Application Number: | 17874788 |
| Application Number: | 17810116 |
| Application Number: | 17848598 |
| Application Number: | 17846401 |
| Application Number: | 18039061 |
| Application Number: | 17842986 |
| Application Number: | 17833102 |
| Application Number: | 18108709 |
| Application Number: | 18057268 |
| Application Number: | 18105979 |
| Application Number: | 18103037 |
| Application Number: | 17908557 |
| Application Number: | 17951715 |
| Application Number: | 17952465 |
| Application Number: | 17992155 |
| Application Number: | 17789538 |

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 17684529 |
| Application Number: | 17357464 |
| Application Number: | 17774917 |
| Application Number: | 17555927 |
| Application Number: | 17790006 |
| Application Number: | 17867091 |
| Application Number: | 17315759 |
| Application Number: | 17760815 |
| Application Number: | 17693495 |
| Application Number: | 17700779 |
| Application Number: | 17693491 |
| Application Number: | 17174715 |
| Application Number: | 17133718 |
| Application Number: | 17554381 |
| Application Number: | 17554390 |
| Application Number: | 17539508 |
| Application Number: | 17088820 |
| Application Number: | 17111603 |
| Application Number: | 17036390 |

#### CORRESPONDENCE DATA

##### Fax Number:

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

Phone: 8007130755

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Correspondent Name: Michael Violet

Address Line 1: 4400 Easton Commons Way

Address Line 2: Suite 125

Address Line 4: Columbus, OHIO 43219

|                    |                |
|--------------------|----------------|
| NAME OF SUBMITTER: | Michael Violet |
| SIGNATURE:         | Michael Violet |
| DATE SIGNED:       | 01/02/2025     |

#### Total Attachments: 14

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source=05. Cerence - Patent Release (067417-0303)#page2.tiff  
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source=05. Cerence - Patent Release (067417-0303)#page11.tiff  
source=05. Cerence - Patent Release (067417-0303)#page12.tiff  
source=05. Cerence - Patent Release (067417-0303)#page13.tiff  
source=05. Cerence - Patent Release (067417-0303)#page14.tiff

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Wells Fargo Bank, National Association

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 31, 2024

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☒ Other Release (Reel 067417 / Frame 0303)

2. Name and address of receiving party(ies)

Name: Cerence Operating Company

Internal Address: \_\_\_\_\_

Street Address: 25 Burlington Mall Road, Suite 416

City: Burlington

State: MA

Country: USA Zip: 01803

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

see attached Schedule I

B. Patent No.(s)

see attached Schedule I

Additional numbers attached? ☒ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Doris Ka, Sr. Paralegal (IP)

Internal Address: Cahill Gordon & Reindel LLP

Street Address: 32 Old Slip

City: New York

State: NY Zip: 10005

Phone Number: (212) 701-3569

Docket Number: Cerence (91350.0415.2024)

Email Address: dka@cahill.com

6. Total number of applications and patents involved: 77

7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number \_\_\_\_\_

Authorized UserName \_\_\_\_\_

9. Signature:

Doris Ka

December 31, 2024

Signature

Date

Doris Ka

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

14

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this “Release”), dated as of December 31, 2024 (the “Effective Date”), is made by Wells Fargo Bank, N.A., in its capacity as Collateral Agent (the “Agent”), in favor of the grantor party identified on the signature page hereto (the “Grantor”).

WHEREAS, pursuant to that certain Collateral Agreement, dated as of June 12, 2020, by and among the Agent, the Grantor and certain other parties thereto (as amended, amended and restated, or otherwise modified from time to time, the “Security Agreement”), the Grantor granted to the Agent, in its capacity as Collateral Agent, a security interest in and to certain collateral;

WHEREAS, pursuant to the Security Agreement, the Grantor executed and delivered a Notice of Grant of Security Interest in Patents, dated as of April 12, 2024 (the “Patent Security Agreement”), for recordal with the United States Patent and Trademark Office;

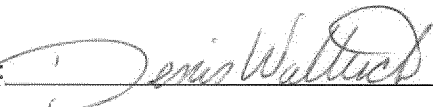
WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on April 15, 2024 at Reel/Frame 067417/0303;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby agrees as follows:

1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement or the Patent Security Agreement, as applicable.
2. Release. The Agent, without representation or warranty of any kind, hereby releases, discharges, terminates and cancels all of its security interest in and to the Patent Collateral, including the patents and patent applications set forth on Schedule I attached hereto, arising under the Security Agreement and the Patent Security Agreement. If and to the extent that the Agent has acquired any right, title or interest in and to the Patent Collateral under the Patent Security Agreement, the Agent, without representation or warranty of any kind, hereby re-transfers, re-conveys and re-assigns such right, title or interest to the Grantor.
3. Termination. The Agent, without representation or warranty of any kind, terminates and cancels the Patent Security Agreement.
4. Further Assurances. The Agent agrees to take all further actions, and provide to the Grantor and its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantor, at the Grantor’s sole cost and expense, to more fully and effectively effectuate the purposes of this Release.
5. Governing Law. This Release shall be governed exclusively under the laws of New York, without regard to conflicts of law or choice of law principles.

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

**WELLS FARGO BANK, N.A., acting in its  
capacity as collateral agent for the Secured  
Parties**

By: \_\_\_\_\_

Name: Denis Waltrich  
Title: Executive Director

**GRANTOR:**

**CERENCE OPERATING COMPANY**

Patents Owned by Cerence Operating Company*U.S. Patent Registrations and Applications:*

|    | <b>Current Assignee</b>   | <b>Patent Title</b>   | <b>Serial No.</b> | <b>Filing Date</b> | <b>Patent No.</b> | <b>Issue Date</b> |
|----|---------------------------|---|-------------------|--------------------|-------------------|-------------------|
| 1. | Cerence Operating Company | Hybrid Arbitration System   | 17958663          | Oct 3, 2022        |                   |                   |
| 2. | Cerence Operating Company | Coordinating Electronic Personal Assistants                               | 17490367          | Sep 30, 2021       |                   |                   |
| 3. | Cerence Operating Company | METHODS AND APPARATUS FOR ADAPTIVE GAIN CONTROL IN A COMMUNICATION SYSTEM | 16671830          | Nov 1, 2019        | 11798576          | Oct 24, 2023      |
| 4. | Cerence Operating Company | Automotive Entertainment Applications                                     | 17111868          | Dec 4, 2020        | 11745095          | Sep 5, 2023       |
| 5. | Cerence Operating Company | FLEXIBLE-FORMAT VOICE COMMAND   | 17239894          | Apr 26, 2021       | 11735172          | Aug 22, 2023      |
| 6. | Cerence Operating Company | METHODS AND APPARATUS FOR DETECTING A VOICE COMMAND                       | 17/397,522        | 08/09/2021         | 11676600          | 05/24/2023        |
| 7. | Cerence Operating Company | TECHNIQUES FOR WAKE-UP WORD RECOGNITION AND RELATED SYSTEMS AND METHODS   | 16308849          | Dec 11, 2018       | 11600269          | Mar 7, 2023       |



|     | Current Assignee          | Patent Title   | Serial No. | Filing Date  | Patent No. | Issue Date   |
|-----|---------------------------|--|------------|--------------|------------|--------------|
| 8.  | Cerence Operating Company | METHODS AND SYSTEMS FOR INCREASING AUTONOMOUS VEHICLE SAFETY AND FLEXIBILITY USING VOICE INTERACTION | 16734108   | Jan 3, 2020  | 11577742   | Feb 14, 2023 |
| 9.  | Cerence Operating Company | TECHNIQUES FOR LANGUAGE INDEPENDENT WAKE-UP WORD DETECTION   | 16348689   | May 9, 2019  | 11545146   | Jan 3, 2023  |
| 10. | Cerence Operating Company | HAPTIC COMMUNICATION WITH A VEHICLE'S OCCUPANT   | 17082558   | Oct 28, 2020 | 11521470   | Dec 6, 2022  |
| 11. | Cerence Operating Company | Hybrid arbitration System  | 16830638   | Mar 26, 2020 | 11462216   | Oct 4, 2022  |
| 12. | Cerence Operating Company | TECHNIQUES FOR SPATIALLY SELECTIVE WAKE-UP WORD RECOGNITION AND RELATED SYSTEMS AND METHODS          | 16074953   | Aug 2, 2018  | 11437020   | Sep 6, 2022  |
| 13. | Cerence Operating Company | METHODS AND APPARATUS FOR DETECTING A VOICE COMMAND  | 13795933   | Mar 12, 2013 | 11393461   | Jul 19, 2022 |
| 14. | Cerence Operating Company | COORDINATING ELECTRONIC PERSONAL ASSISTANTS  | 17082632   | Oct 28, 2020 | 11189271   | Nov 30, 2021 |

|     | Current Assignee          | Patent Title  | Serial No. | Filing Date  | Patent No. | Issue Date   |
|-----|---------------------------|---|------------|--------------|------------|--------------|
| 15. | Cerence Operating Company | LOW COMPLEXITY DETECTION OF VOICED SPEECH AND PITCH ESTIMATION              | 16638866   | Feb 13, 2020 | 11176957   | Nov 16, 2021 |
| 16. | Cerence Operating Company | METHODS AND APPARATUS FOR DETECTING A VOICE COMMAND                         | 15238238   | Aug 16, 2016 | 11087750   | Aug 10, 2021 |
| 17. | Cerence Operating Company | AUDIO STREAM MIXING SYSTEM AND METHOD                                       | 16663426   | Oct 25, 2019 | 10747497   | Aug 18, 2020 |
| 18. | Cerence Operating Company | SYSTEMS AND METHODS FOR GENERATING SPEECH OF MULTIPLE STYLES FROM TEXT      | 15308731   | Nov 3, 2016  | 10192541   | Jan 29, 2019 |
| 19. | Cerence Operating Company | FRAME ERASURE CONCEALMENT TECHNIQUE FOR A BITSTREAM-BASED FEATURE EXTRACTOR | 14281026   | May 19, 2014 | 10109271   | Oct 23, 2018 |
| 20. | Cerence Operating Company | METHODS AND APPARATUS FOR DETECTING A VOICE COMMAND                         | 14814192   | Jul 30, 2015 | 9940936    | Apr 10, 2018 |
| 21. | Cerence Operating Company | METHODS AND APPARATUS FOR DETECTING A VOICE COMMAND                         | 13795960   | Mar 12, 2013 | 9361885    | Jun 7, 2016  |

|     | Current Assignee          | Patent Title   | Serial No. | Filing Date  | Patent No. | Issue Date   |
|-----|---------------------------|--|------------|--------------|------------|--------------|
| 22. | Cerence Operating Company | Methods and Apparatus for Unsupervised Wakeup with Time-Correlated Acoustic Events                     | 14483282   | Sep 11, 2014 | 9354687    | May 31, 2016 |
| 23. | Cerence Operating Company | METHODS AND APPARATUS FOR UNSUPERVISED WAKEUP  | 14483285   | Sep 11, 2014 | 9335966    | May 10, 2016 |
| 24. | Cerence Operating Company | ACCURACY OF TEXT-TO-SPEECH SYNTHESIS   | 13759924   | Feb 5, 2013  | 9311913    | Apr 12, 2016 |
| 25. | Cerence Operating Company | PERSONALIZED TEXT-TO-SPEECH SERVICES   | 14565505   | Dec 10, 2014 | 9214154    | Dec 15, 2015 |
| 26. | Cerence Operating Company | SYSTEMS AND METHODS FOR USING ENTERED TEXT TO ACCESS AND PROCESS CONTEXTUAL INFORMATION                | 13301732   | Nov 21, 2011 | 9189155    | Nov 17, 2015 |
| 27. | Cerence Operating Company | EMBEDDED SYSTEM FOR CONSTRUCTION OF SMALL FOOTPRINT SPEECH RECOGNITION WITH USER-DEFINABLE CONSTRAINTS | 13456959   | Apr 26, 2012 | 9117449    | Aug 25, 2015 |
| 28. | Cerence Operating Company | METHODS AND APPARATUS FOR DETECTING A VOICE COMMAND  | 13795829   | Mar 12, 2013 | 9112984    | Aug 18, 2015 |

|     | Current Assignee          | Patent Title  | Serial No. | Filing Date  | Patent No. | Issue Date   |
|-----|---------------------------|---|------------|--------------|------------|--------------|
| 29. | Cerence Operating Company | MULTIMODAL TEXT INPUT SYSTEM, SUCH AS FOR USE WITH TOUCH SCREENS ON MOBILE PHONES | 13583840   | Oct 16, 2012 | 9104312    | Aug 11, 2015 |
| 30. | Cerence Operating Company | DETECTING BARGE-IN IN A SPEECH DIALOGUE SYSTEM                                    | 12415927   | Mar 31, 2009 | 9026438    | May 5, 2015  |
| 31. | Cerence Operating Company | Contextual Prediction of User Words and User Actions                              | 11379747   | Apr 21, 2006 | 8938688    | Jan 20, 2015 |
| 32. | Cerence Operating Company | PERSONALIZED TEXT-TO-SPEECH SERVICES  | 11765773   | Jun 20, 2007 | 8918322    | Dec 23, 2014 |
| 33. | Cerence Operating Company | GENERALIZING TEXT CONTENT SUMMARY FROM SPEECH CONTENT                             | 13214809   | Aug 22, 2011 | 8868419    | Oct 21, 2014 |
| 34. | Cerence Operating Company | SYNTHESIS BY GENERATION AND CONCATENATION OF MULTI-FORM SEGMENTS                  | 11838609   | Aug 14, 2007 | 8321222    | Nov 27, 2012 |
| 35. | Cerence Operating Company | NOISE REDUCTION THROUGH SPATIAL SELECTIVITY AND FILTERING                         | 12189545   | Aug 11, 2008 | 8180069    | May 15, 2012 |
| 36. | Cerence Operating Company | CONTROLLING AN APPARATUS BASED ON SPEECH  | 10532469   | Apr 22, 2005 | 7885818    | Feb 8, 2011  |

|     | Current Assignee          | Patent Title   | Serial No. | Filing Date   | Patent No. | Issue Date   |
|-----|---------------------------|--|------------|---------------|------------|--------------|
| 37. | Cerence Operating Company | SYSTEM AND METHOD FOR A USER INTERFACE FOR TEXT EDITING AND MENU SELECTION | 11824950   | Jul 3, 2007   | 7542029    | Jun 2, 2009  |
| 38. | Cerence Operating Company | SPEECH DIALOGUE SYSTEM FOR DIALOGUE INTERRUPTION AND CONTINUATION CONTROL  | 11044815   | Jan 26, 2005  | 7454351    | Nov 18, 2008 |
| 39. | Cerence Operating Company | SYSTEM AND METHOD FOR CONTINUOUS STROKE WORD-BASED TEXT INPUT              | 11533714   | Sep 20, 2006  | 7382358    | Jun 3, 2008  |
| 40. | Cerence Operating Company | SYNTHESIS-BASED PRE-SELECTION OF SUITABLE UNITS FOR CONCATENATIVE SPEECH   | 11275432   | Dec 30, 2005  | 7233901    | Jun 19, 2007 |
| 41. | Cerence Operating Company | ENHANCED DE-ESSER FOR IN-CAR COMMUNICATIONS SYSTEMS                        | 18386825   | Nov 3, 2023   |            |              |
| 42. | Cerence Operating Company | FLEXIBLE-FORMAT VOICE COMMAND  | 18/219,906 | Jul. 10, 2023 |            |              |
| 43. | Cerence Operating Company | TAMPER-ROBUST WATERMARKING OF SPEECH SIGNALS                               | 17/874,788 | Jul. 27, 2022 |            |              |

|     | Current Assignee          | Patent Title   | Serial No. | Filing Date   | Patent No. | Issue Date |
|-----|---------------------------|--|------------|---------------|------------|------------|
| 44. | Cerence Operating Company | IN-CAR ASSISTIVE AUDIO TECHNOLOGIES FOR USERS WITH HEARING LOSS                                      | 177810,116 | Jun. 30, 2022 |            |            |
| 45. | Cerence Operating Company | DYNAMIC VOICE ASSISTANT SYSTEM FOR A VEHICLE   | 17848598   | Jun 24, 2022  |            |            |
| 46. | Cerence Operating Company | EMOTION DETECTION IN BARGE-IN ANALYSIS   | 177846,401 | Jun. 22, 2022 |            |            |
| 47. | Cerence Operating Company | IN-CABIN AUDIO FILTERING   | 18039061   | May 26, 2023  |            |            |
| 48. | Cerence Operating Company | SPEECH SYNTHESIS WITH FOREIGN FRAGMENTS  | 17842986   | Jun 17, 2022  |            |            |
| 49. | Cerence Operating Company | EMOTION-AWARE VOICE ASSISTANT  | 17833102   | Jun 6, 2022   |            |            |
| 50. | Cerence Operating Company | METHODS AND SYSTEMS FOR INCREASING AUTONOMOUS VEHICLE SAFETY AND FLEXIBILITY USING VOICE INTERACTION | 18108709   | Feb 13, 2023  |            |            |
| 51. | Cerence Operating Company | VOICE REINFORCEMENT IN MULTIPLE SOUND ZONE ENVIRONMENTS  | 18057268   | Nov 21, 2022  |            |            |

|     | Current Assignee          | Patent Title  | Serial No. | Filing Date  | Patent No. | Issue Date |
|-----|---------------------------|---|------------|--------------|------------|------------|
| 52. | Cerence Operating Company | Communication System For Multiple Acoustic Zones                              | 18105979   | Feb 6, 2023  |            |            |
| 53. | Cerence Operating Company | TECHNIQUES FOR WAKE-UP WORK RECOGNITION AND RELATED SYSTEMS AND METHODS       | 18103037   | Jan 30, 2023 |            |            |
| 54. | Cerence Operating Company | SYSTEM AND METHOD FOR INTEGRATED EMERGENCY VEHICLE DETECTION AND LOCALIZATION | 17908557   | Sep 1, 2022  |            |            |
| 55. | Cerence Operating Company | VOICE ASSISTANT ERROR DETECTION SYSTEM  | 17951715   | Sep 23, 2022 |            |            |
| 56. | Cerence Operating Company | CONTEXTUAL UTTERANCE RESOLUTION IN MULTIMODAL SYSTEMS                         | 17952465   | Sep 26, 2022 |            |            |
| 57. | Cerence Operating Company | TECHNIQUES FOR LANGUAGE INDEPENDENT WAKE-UP WORD DETECTION                    | 17992155   | Nov 22, 2022 |            |            |
| 58. | Cerence Operating Company | LOCATION-AWARE REMINDERS  | 17789538   | Jun 28, 2022 |            |            |
| 59. | Cerence Operating Company | VEHICLE AVATAR DEVICES FOR INTERACTIVE VIRTUAL ASSISTANT                      | 17684529   | Mar 2, 2022  |            |            |

|     | Current Assignee          | Patent Title  | Serial No. | Filing Date  | Patent No. | Issue Date |
|-----|---------------------------|---|------------|--------------|------------|------------|
| 60. | Cerence Operating Company | VOICE ASSISTANT ACTIVATION SYSTEM WITH CONTEXT DETERMINATION BASED ON MULTIMODAL DATA | 17357464   | Jun 24, 2021 |            |            |
| 61. | Cerence Operating Company | Passenger Assistant for a Shared Mobility Vehicle                                     | 17774917   | May 6, 2022  |            |            |
| 62. | Cerence Operating Company | METHOD AND APPARATUS FOR ENHANCING A GEOLOCATION DATABASE                             | 17555927   | Dec 20, 2021 |            |            |
| 63. | Cerence Operating Company | SYSTEM AND METHOD FOR ACOUSTIC DETECTION OF EMERGENCY SIRENS                          | 17790006   | Jun 29, 2022 |            |            |
| 64. | Cerence Operating Company | METHODS AND APPARATUS FOR DETECTING A VOICE COMMAND                                   | 17867091   | Jul 18, 2022 |            |            |
| 65. | Cerence Operating Company | TOURING CIRCUITRY FOR AN IMMERSIVE TOUR THROUGH A TOURING THEATER                     | 17315759   | May 10, 2021 |            |            |
| 66. | Cerence Operating Company | CHILD PRESENCE DETECTION IN A CAR   | 17760815   | Mar 16, 2022 |            |            |



|     | Current Assignee          | Patent Title   | Serial No. | Filing Date  | Patent No. | Issue Date |
|-----|---------------------------|--|------------|--------------|------------|------------|
| 67. | Cerence Operating Company | PROACTIVE AUTOMOTIVE ASSISTANT   | 17693495   | Mar 14, 2022 |            |            |
| 68. | Cerence Operating Company | DETERMINING WHETHER AN ACOUSTIC EVENT ORIGINATED INSIDE OR OUTSIDE A VEHICLE | 17700779   | Mar 22, 2022 |            |            |
| 69. | Cerence Operating Company | INFOTAINMENT SYSTEM HAVING AWARENESS OF LOCAL DYNAMIC FEATURES               | 17693491   | Mar 14, 2022 |            |            |
| 70. | Cerence Operating Company | VOICE REQUEST SEQUENCING   | 17174715   | Feb 12, 2021 |            |            |
| 71. | Cerence Operating Company | Speech Dialog System for Multiple Passengers in a Car                        | 17133718   | Dec 24, 2020 |            |            |
| 72. | Cerence Operating Company | PLATFORM FOR INTEGRATING DISPARATE ECOSYSTEMS WITHIN A VEHICLE               | 17554381   | Dec 17, 2021 |            |            |
| 73. | Cerence Operating Company | ROUTING OF USER COMMANDS ACROSS DISPARATE ECOSYSTEMS                         | 17554390   | Dec 17, 2021 |            |            |

|     | Current Assignee          | Patent Title   | Serial No. | Filing Date  | Patent No. | Issue Date |
|-----|---------------------------|--|------------|--------------|------------|------------|
| 74. | Cerence Operating Company | AUTOMOTIVE INFOTAINMENT SYSTEM WITH SPATIALLY-COGNIZANT APPLICATIONS THAT INTERACT WITH A SPEECH INTERFACE | 17539508   | Dec 1, 2021  |            |            |
| 75. | Cerence Operating Company | OUT-OF-DOMAIN MONITORING IN PARKED VEHICLES  | 17088820   | Nov 4, 2020  |            |            |
| 76. | Cerence Operating Company | SAFE AUTHENTICATION FROM AN AUTOMOBILE   | 17111603   | Dec 4, 2020  |            |            |
| 77. | Cerence Operating Company | MULTI-MODAL KEYLESS MULTI-SEAT IN-CAR PERSONALIZATION  | 17036390   | Sep 29, 2020 |            |            |

PATENT

REEL: 069797 FRAME: 0439

RECORDED: 01/02/2025