

| U.S. Patent No. 10,552,030                                                                                                                                                                                                                                          |                                                                                                                                                                                                                     |
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| 1[Pre]: A computer implemented method for recording media data, comprising:                                                                                                                                                                                         | 8[Pre]: A computer implemented system for recording media data, comprising:                                                                                                                                         |
|                                                                                                                                                                                                                                                                     | 8[A]: a processor;                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                     | 8[B(i)]: a non-transitory computer readable storage medium communicatively coupled to said processor,                                                                                                               |
| 1[A]: providing a gesture based media recording application executable by at least one processor configured to manage a graphical user interface of an electronic device for said recording of media data in one or more recording modes on said electronic device; | 8[B(ii)]: said non-transitory computer readable storage medium configured to store a gesture based media recording application,                                                                                     |
|                                                                                                                                                                                                                                                                     | 8[B(iii)]: wherein said gesture based media recording application, when executed by said processor, manages a graphical user interface of an electronic device for said recording of media data;                    |
|                                                                                                                                                                                                                                                                     | 8[B(iv)]: said gesture based media recording application comprising:                                                                                                                                                |
| 1[B]: defining one or more interface regions on said graphical user interface of said electronic device by said gesture based media recording application;                                                                                                          | 8[C]: an interface definition module configured to define a plurality of interface regions on said graphical user interface of said electronic device;                                                              |
| 1[C]: detecting a first gesture from among multiple gestures on a first of said defined interface regions, by said gesture based media recording application, wherein said first gesture is a press and hold gesture;                                               | 8[D]: a detection module configured to detect a first gesture from among multiple gestures on a first of said defined interface regions, wherein said first gesture is a press and hold gesture;                    |
| 1[D]: starting said recording of media data in a push to talk (PTT) recording mode, by said gesture based media recording application, on said detection of said first gesture on said first of said defined interface regions;                                     | 8[E]: an action management module configured to start said recording of media data in a push to talk (PTT) recording mode, on said detection of said first gesture on said first of said defined interface regions; |
| 1[E]: dynamically changing, by said gesture based media recording application, functions associated with                                                                                                                                                            | 8[F]: said interface definition module configured to dynamically change functions associated with said one or                                                                                                       |

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| said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions; and                                                                                                                                                                                                                                                                                                             | more defined interface regions based on said detected first gesture on said one of said defined interface regions; and                                                                                                                                                                                                                                                                                                               |
| 1[F(i)]: detecting a second gesture from among said multiple gestures, by said gesture based media recording application, wherein said second gesture is a slide and hold gesture, or a swipe and hold gesture from said first of said defined interface regions to a second of said defined interface regions proximate to said first of said defined interface regions, and                                                                  | 8[G(i)]: said detection module further configured to detect a second gesture from among said multiple gestures, wherein said second gesture is a slide and hold gesture, or a swipe and hold gesture from said first of said defined interface regions to a second of said defined interface regions proximate to said first of said defined interface regions, and                                                                  |
| 1[F(ii)]: wherein said recording of said media data continues uninterrupted during and after performance of said second gesture.                                                                                                                                                                                                                                                                                                               | 8[G(ii)]: wherein said recording of said media data continues uninterrupted during and after performance of said second gesture.                                                                                                                                                                                                                                                                                                     |
| 2[A]: The computer implemented method of claim 1, further comprising: detecting a third gesture from among said multiple gestures, by said gesture based media recording application, wherein said third gesture is a slide and release gesture, or a swipe and release gesture from said second of said defined interface regions to a third of said defined interface regions proximate to said first of said defined interface regions, and | 9[A]: The computer implemented system of claim 8, further comprising: said detection module further configured to detect a third gesture from among said multiple gestures, wherein said third gesture is a slide and release gesture, or a swipe and release gesture from said second of said defined interface regions to a third of said defined interface regions proximate to said first of said defined interface regions, and |
| 2[B]: wherein said recording of said media data is canceled on performing said third gesture,                                                                                                                                                                                                                                                                                                                                                  | 9[B]: wherein said recording of media data is canceled on performing said third gesture,                                                                                                                                                                                                                                                                                                                                             |
| 2[C]: and wherein there is no transmission of already recorded media data to another electronic device or a server.                                                                                                                                                                                                                                                                                                                            | 9[C]: and wherein there is no transmission of already recorded media data to another electronic device or a server.                                                                                                                                                                                                                                                                                                                  |
| 3[A]: The computer implemented method of claim 1, further comprising: detecting a third gesture from among                                                                                                                                                                                                                                                                                                                                     | 10[A]: The computer implemented system of claim 8, further comprising: said detection module further configured                                                                                                                                                                                                                                                                                                                      |

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| said multiple gestures on said second of said defined interface regions, by said gesture based media recording application, wherein said third gesture is a release gesture from said second of said interface regions, and                                                                                                                                                                 | to detect a third gesture from among said multiple gestures on said second of said defined interface regions, wherein said third gesture is a release gesture from said second of said interface regions, and                                                                                                                                                                                                                        |
| 3[B]: switching said recording of said media data to a tap to end (TTE) mode, wherein said recording of said media data continues uninterrupted during and after performance of said third gesture.                                                                                                                                                                                         | 10[B]: switching said recording of said media data to a tap to end (TTE) mode, wherein said recording of said media data continues uninterrupted during and after performance of said third gesture.                                                                                                                                                                                                                                 |
| 4[A]: The computer implemented method of claim 3, further comprising: detecting a fourth gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application, wherein said fourth gesture is a tap gesture, and                                                                                                      | 11[A]: The computer implemented system of claim 10, further comprising: said detection module further configured to detect a fourth gesture from among said multiple gestures on said one of said defined interface regions, wherein said fourth gesture is a tap gesture, and                                                                                                                                                       |
| 4[B]: wherein said recording of said media data is ended on performing said fourth gesture.                                                                                                                                                                                                                                                                                                 | 11[B]: wherein said recording of said media data is ended on performing said fourth gesture                                                                                                                                                                                                                                                                                                                                          |
| 5. The computer implemented method of claim 4, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device or the server.                                                                                                                                                                                                        | 12. The computer implemented system of claim 11, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device or the server.                                                                                                                                                                                                                                               |
| 6. The computer implemented method of claim 1, further comprising sending said media data to the server via a network at one of: (a) continuously while recording said media data, (b) at predefined time intervals after initiation of said recording of said media data, and (c) after completion of said recording of said media data by said gesture based media recording application. | 13. The computer implemented system of claim 8, wherein said gesture based media recording application further comprises a media recording module configured to send said media data to the server via a network at one of: (a) continuously while recording said media data, (b) at predefined time intervals after initiation of said recording of said media data, and (c) after completion of said recording of said media data. |
| 7. The computer implemented method of claim 1, wherein said media data                                                                                                                                                                                                                                                                                                                      | 14. The computer implemented system of claim 8, wherein said media data                                                                                                                                                                                                                                                                                                                                                              |

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| comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof. | comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof. |
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