Claim 55 (new): The computer program product of claim 53, wherein said computer program codes further comprise a eleventh computer program code for configuring predefined functions for one or more of said defined interface regions based on user preferences.

Claim 56 (new): The computer program product of claim 53, wherein said computer program codes further comprise a thirteenth computer program code for streaming said audio data to a server via a network at one of: (a) continuously while recording said audio data, (b) at predefined time intervals after initiation of said recording of said audio data, and (c) after completion of said recording of said audio data.

Claim 57 (new): The computer program product of claim 53, wherein said recording modes comprise a push to talk recording mode, a tap to start recording mode, a release to record recording mode, a release to stop recording mode, and a tap to end recording mode.

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Remarks

The Pending Claims

Claims 1-56 are currently pending. Reconsideration and allowance of the pending claims is respectfully requested.

Summary of the Office Action

Claim Rejections - 35 USC § 103

Claims 1-6, 8, 10, 12-13, 15, 17-19, 21-26, 28, 30, 32-35, 37 and 39-46 are rejected under 35 U.S.C. 103 as being unpatentable over Cranfill et al. ("Cranfill", US PG-Pub. 2011/0249074 A1) in view of Vong et al. ("Vong", US PG-Pub. 2004/0216059 A1).

Claims 9, 16, 29 and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cranfill in view of Vong, and further in view of Huang et al. ("Huang", US PG-Pub. 2007/0296552 A1).

Amendment to the claims

Claims 1, 2, 4, 6, 17-19, 22, 23, 25, 34, 35, and 40 are currently amended; claims 3, 5, 9 24, 26, 29, 38, and 39 remain as previously presented; claims 7-8, 10-16, 20, 21, 27, 28, 30-33, 36-37, and 41-46 are cancelled; claims 47-57 are new. Applicant respectfully submits that the claim amendments do not add new subject matter.

Response to rejections

The office action states: "**Claims 1-6, 8, 10, 12-13, 15, 17-19, 21-26, 28, 30, 32-35, 37 and 39-46 are rejected under 35 U.S.C. 103 as being unpatentable over**

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Cranfill et al. ("Cranfill", US PG-Pub. 2011/0249074 A1) in view of Vong et al. ("Vong", US PG-Pub. 2004/0216059 A1)."

In response to the above rejection, applicant respectfully submits that Cranfill in view of Vong does not teach or suggest the following limitations in amended claim 1:

> "A computer implemented method for performing actions associated with recording media data in one or more recording modes based on one or more gestures on a graphical user interface of a mobile electronic device…"
>
> "providing a gesture based media recording application, said gesture based media recording application, when executed by a processor, managing said graphical user interface of said mobile electronic device and actions associated with said recording of said media data in said one or more recording modes on said mobile electronic device;"
>
> "performing a second action associated with said recording of said media data, in response to said detection of said second gesture, by said gesture based media recording application."

Amended claim 1 discloses a computer implemented method for performing actions associated with recording media data in one or more recording modes based on one or more gestures on a graphical user interface of a mobile electronic device. The gesture based media recording application is executable by a processor configured to manage the graphical user interface of the mobile electronic device for recording of the media data in the plurality of recording modes on the mobile electronic device. The plurality of recording modes comprises a push to talk recording mode, a tap to start recording mode, a release to record recording mode, a release to stop recording mode, and a tap to end recording mode.

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Furthermore, amended claim 1 discloses that one or more interface regions are defined on the graphical user interface of the mobile electronic device by the gesture based media recording application. Furthermore, amended claim 1 discloses that a first gesture among multiple gestures is detected on one of the defined interface regions (= first interface region) by the gesture based media recording application. Upon detection of the first gesture, the gesture based media recording application performs a first action associated with the recording of the media data in one of the recording modes. Next, a second gesture among multiple gestures is detected on either the first interface region or on one or more defined interface regions. Upon detection of the second gesture, the gesture based media recording application performs a second action associated with recording of media data. The second action performed by the media recording application comprise at least one of, for example, switching from one of the recording modes to another one of the recording modes for recording the media data, canceling the recording of the media data, generating and displaying multiple options for performing an operation associated with the recorded media data, etc.

For example, a user performs a press and hold gesture (first gesture) on the interface region **301b** (see **FIG. 4A** of applicant's original application reproduced on this page), the media recording application detects the press and hold gesture (first gesture) on the interface region **301b**. In response to the detection of the press and hold gesture (first gesture), the media recording application starts recording of the media data in the push to talk (PTT) recording mode (= first recording mode); see paragraphs [0044]-[0045] of applicant's original application.

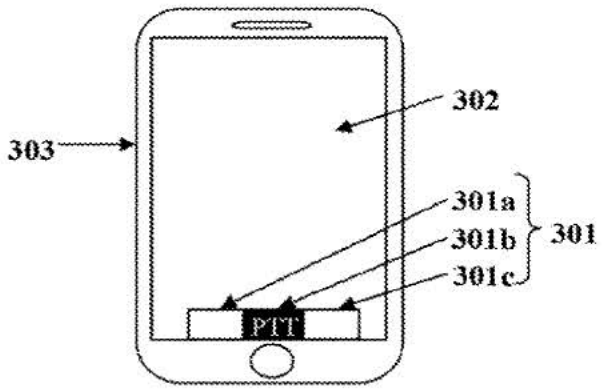


FIG. 4A

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After the user started the recording of the media data in the push to talk (PTT) recording mode by pressing and holding the interface region **301 b**, the user realizes that the recording will be lengthy, and wishes to continue recording without continually pressing the interface region **301 b**. Therefore, the user slides and releases his/her finger (second gesture) on the GUI **302** from the interface region **301b** to the interface region **301c** (see FIG. **4C** of applicant's original application reproduced on this page). When the media recording application detects the user's slide and release gesture (second gesture) on the interface region **301c**, it performs a second action associated with recording of media data i.e., switching the recording mode from push to talk (PTT) recording mode (first recording mode) to release to record (RTR) recording mode (second recording mode), thereby allowing the user to release his/her finger after switching the recording mode from push to talk (PTT) recording mode (first recording mode) to release to record (RTR) recording mode (second recording mode); see paragraph [0046] of applicant's original application.

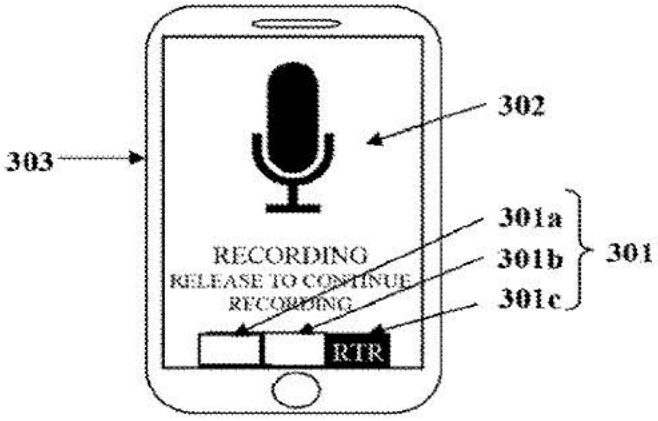


FIG. 4C

Cranfill in view of Vong does not teach or suggest a method for performing actions associated with recording media data in a plurality of recording modes based on one or more gestures on a graphical user interface of a mobile electronic device. Furthermore, Cranfill in view of Vong does not teach or suggest providing a gesture based media recording application executable by at least one processor configured to manage the graphical user interface of the mobile electronic device for the recording of media data in a plurality of recording modes on the mobile electronic device, where the plurality of recording modes comprise a push to talk recording mode, a tap to start

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recording mode, a release to record recording mode, a release to stop recording mode, and a tap to end recording mode. Furthermore, Cranfill in view of Vong does not teach or suggest a step of performing a second action associated with the recording of the media data, in response to the detection of the second gesture on the defined interface regions.

In contrast, Cranfill teaches, *inter alia*, modifying a composite display of a first mobile display that is engaged in a video conference with a second device and the like. Cranfill's menu bar **1155** merely shows the two selectable UI items **1275** and **1246** for accepting and ending a video conferencing call (see Cranfill Figure 12), which amounts to starting and ending the recording of media data. Cranfill does not teach or suggest anywhere a step of performing a second action associated with the recording of the media data, in response to the detection of the second gesture (as illustrated in the above example, switching from a first recording mode, i.e., PTT recording mode to a second recording mode i.e., RTR recording mode). Furthermore, Cranfill does not teach anywhere a gesture based media recording application that records media data in a plurality of recording modes on the mobile electronic device, where the plurality of recording modes comprise a push to talk recording mode, a tap to start recording mode, a release to record recording mode, a release to stop recording mode, and a tap to end recording mode.

Also, in contrast, Vong teaches, *inter alia*, a control panel unit for a computing device with buttons, wherein upon activation of a button, the viewable states of the buttons change. More specifically, Vong teaches using context sensitive soft labels (such as VIEW, READ, DELETE, OPEN ON PC in display regions 630, 640, 650, 660) which indicate the function, action or task that can be performed in the context of an application limited to messaging, music, calendar or news, when the corresponding button is actuated. Use of context sensitive soft labels of Vong in Cranfill will not result in arriving at the limitations of applicant's claim 1 because Cranfill does not teach or suggest a method for performing actions associated with recording media data in a plurality of recording modes based on one or more gestures on a graphical user interface of a mobile electronic device. Furthermore, Cranfill does not teach or suggest providing a gesture

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based media recording application executable by at least one processor configured to manage the graphical user interface of the mobile electronic device for the recording of media data in a plurality of recording modes on the mobile electronic device. The plurality of recording modes comprise a push to talk recording mode, a tap to start recording mode, a release to record recording mode, a release to stop recording mode, and a tap to end recording mode. Furthermore, Cranfill does not teach or suggest a step of performing a second action associated with the recording of the media data, in response to the detection of the second gesture on the defined interface regions.

Therefore, applicant submits that even if both Cranfill and Vong are combined as suggested in the office action, there is no reasonable expectation of success in arriving at the following limitations in applicant's amended claim 1:

> "A computer implemented method for performing actions associated with recording media data in one or more of recording modes based on one or more gestures on a graphical user interface of a mobile electronic device…"
>
> "providing a gesture based media recording application, said gesture based media recording application, when executed by a processor, managing said graphical user interface of said mobile electronic device and actions associated with said recording of said media data in said one or more recording modes on said mobile electronic device;"
>
> "performing a second action associated with said recording of said media data, in response to said detection of said second gesture, by said gesture based media recording application."

Therefore, claim 1 is non-obvious over Cranfill in view of Vong. Accordingly, applicant respectfully requests that the rejection of claim 1 under 35 U.S.C. 103 be reconsidered and withdrawn.

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Claims 17, 22 and 34 are analogous to claim 1 and recite limitations similar to claim 1. Since claim 1 is non-obvious over Cranfill in view of Vong, applicant submits that the claims 17, 22 and 34 are also non-obvious over Cranfill in view of Vong. Therefore, applicant respectfully requests that the rejection of claims 17, 22 and 34 under 35 U.S.C. 103 be reconsidered and withdrawn.

Claims 2-6 and 9 are dependent on claim 1. Claims 23-26 and 29 are dependent on claim 22. Claims 35 and 38-40 are dependent on claim 34. Since claims 1, 22 and 34 are non-obvious over Cranfill in view of Vong, applicant submits that dependent claims 2-6, 9, 23-26, 29, 35 and 38-40 are also non-obvious over Cranfill in view of Vong. Therefore, applicant respectfully requests that the rejection of claims 2-6, 9, 23-26, 29, 35 and 38-40 under 35 U.S.C. 103 be reconsidered and withdrawn.

Claims 7-8, 10-16, 20, 21, 27, 28, 30-33, 36-37, and 41-46 are cancelled. Therefore, rejection of claims 7-8, 10-16, 20, 21, 27, 28, 30-33, 36-37, and 41-46 is moot.

New claims 47 and 53 are analogous to claims 22 and 34 respectively. Since claims 22 and 34 are non-obvious over Cranfill in view of Vong, applicant submits that claims 47 and 53 are also non-obvious over Cranfill in view of Vong. Applicant therefore respectfully seeks allowance of new claims 47 and 53.

New claims 48-52 are dependent on claim 47, new claims 54-57 are dependent on claim 53. Applicant therefore respectfully seeks allowance of new claims 48-52 and 54-57.

The office action further states: "**Claims 9, 16, 29 and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cranfill in view of Vong, and further in view of Huang et al. ("Huang", US PG-Pub. 2007/0296552 A1).**"

In an earlier part of this response, applicant presented arguments to show that Cranfill in view of Vong does not teach or suggest the following limitations of amended claim 1:

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"A computer implemented method for performing actions associated with recording media data in one or more of recording modes based on one or more gestures on a graphical user interface of a mobile electronic device…"

"providing a gesture based media recording application, said gesture based media recording application, when executed by a processor, managing said graphical user interface of said mobile electronic device and actions associated with said recording of said media data in said one or more recording modes on said mobile electronic device;"

"performing a second action associated with said recording of said media data, in response to said detection of said second gesture, by said gesture based media recording application."

Huang discloses, *inter alia*, an application related to remote control systems. More specifically, Huang teaches configuring and setting up a universal remote control for controlling remotely controllable appliances. Applicant respectfully submits that Huang does not remedy the deficiencies in Cranfill and Vong, as Huang does not teach or suggest the following limitations in amended claim 1:

"A computer implemented method for performing actions associated with recording media data in one or more of recording modes based on one or more gestures on a graphical user interface of a mobile electronic device…"

"providing a gesture based media recording application, said gesture based media recording application, when executed by a processor, managing said graphical user interface of said mobile electronic device and actions associated with said recording of said media data in said one or more recording modes on said mobile electronic device;"

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"performing a second action associated with said recording of said media data, in response to said detection of said second gesture, by said gesture based media recording application."

Claim 1 is therefore non-obvious over Cranfill in view of Vong, and further in view of Huang. Accordingly, applicant respectfully requests that the rejection of claim 1 under 35 U.S.C. 103(a) be reconsidered and withdrawn.

Independent claims 17, 22 and 34 are analogous to claim 1 and recite limitations similar to claim 1. Since claim 1 is non-obvious over Cranfill in view of Vong, and further in view of Huang, applicant submits that the claims 17, 22 and 34 are also non-obvious over Cranfill in view of Vong, and further in view of Huang. Therefore, applicant respectfully requests that the rejection of claims 17, 22 and 34 under 35 U.S.C. 103(a) be reconsidered and withdrawn.

Since independent claims 1, 17, 22 and 34 are not obvious over Cranfill in view of Vong and also further in view of Huang, dependent claims 9, 29 and 38 are also not obvious Cranfill in view of Vong and also further in view of Huang. Therefore, the applicant respectfully requests that the rejection of claims 9, 29 and 38 under 35 U.S.C. 103(a) be reconsidered and withdrawn.

Claim 16 is cancelled. Therefore, rejection of claim 16 is moot.

New claims 47 and 53 are analogous to claims 22 and 34 respectively. Since claims 22 and 34 are non-obvious over Cranfill in view of Vong and also further in view of Huang, applicant submits that claims 47 and 53 are also non-obvious over Cranfill in view of Vong and also further in view of Huang. Applicant therefore respectfully seeks allowance of new claims 47 and 53.

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New claims 48-52 are dependent on claim 47, new claims 54-57 are dependent on claim 53. Applicant therefore respectfully seeks allowance of new claims 48-52 and 54-57.

Conclusion

Applicant respectfully requests that a timely Notice of Allowance be issued in this application. In the interest of compact prosecution, if the prosecution of the application can be advanced or if a claim may be made potentially allowable by an Examiner's amendment, applicant requests Examiner Nguyen to call the undersigned with the proposed amendment.

Respectfully submitted,

Date: October 20, 2018

/a tankha/
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E-mail: ash@ipprocure.com

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Request for continued examination

Examiner Nguyen:

In response to the final office action mailed April 20, 2018, please amend the above-referenced application as follows:

Amendment to claims begins on page 2 of this response.

Remarks begin on page 17 of this response.

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Electronic Acknowledgement Receipt

EFS ID:	34081997
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	Ashok Tankha - 36 Greenleigh Drive - Sewell NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	23-OCT-2018
Filing Date:	11-OCT-2013
Time Stamp:	00:10:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment Submitted/Entered with Filing of CPA/RCE	KIRU_14NP_US_Response_20_October_2018_Final.pdf	6018785 7ce25408b29e307a6da059c9ff855c7470c1d063	no	26

Warnings:	
Information:	
Total Files Size (in bytes):	6018785

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 14/051,735	Filing Date 10/11/2013	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1)		(Column 2)	(Column 3)		
	10/23/2018	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	Total (37 CFR 1.16(i))	* 32	Minus	** 40	= 0	X $50 =	0
	Independent (37 CFR 1.16(h))	* 6	Minus	***7	= 0	X $230 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)		
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
CURTIS NELLOMS JR

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	Art Unit
	TUAN S NGUYEN	2145

CPC - Searched*		
Symbol	Date	Examiner
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	7/22/2016	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	1/24/2017	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	7/21/2017	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	11/20/2018	TN

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Conduct EAST inventor name search	7/22/2016	TN
Conduct EAST search	7/22/2016	TN
Conduct EAST search	1/24/2017	TN
Conduct EAST search	7/21/2017	TN
Conduct EAST search	04/17/2018	TN
Conduct EAST search	11/20/2018	TN

/TUAN S NGUYEN/ Primary Examiner.Art Unit 2145	

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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	Art Unit
	TUAN S NGUYEN	2145

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	See interference search attached	7/22/2016	TN

/TUAN S NGUYEN/ Primary Examiner.Art Unit 2145	

Petitioner Exhibit 1004, Page 417 of 653

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	3	("20080165141" "20110261213" "20100309148").pn.	US-PGPUB; USPAT	OR	ON	2016/05/19 16:17
S3	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/05/19 16:18
S4	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/06/21 11:59
S5	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/06/21 12:03
S6	1	S5 and (communication near mode with gesture and recording).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 12:03
S7	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:23
S8	1	S7 and (defin$4 with region).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:23
S9	1	S7 and (associat$4 near function with region).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:24
S10	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:55
S11	864	S10 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/21 14:56
S12	699	S11 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/21 14:57
S13	0	"L6" and (communication near mode with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:26
S14	4	"L6" and (communication with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:27
S15	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S16	864	S15 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S17	699	S16 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S18	0	S17 and (communication with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S19	93	S17 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S20	100	S17 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 13:26
S21	0	S20 and (communication near mode)	US-PGPUB; USPAT	OR	ON	2016/06/22 13:27

S22	3	("20080165141" "20110261213" "20100309148").pn.	US-PGPUB; USPAT	OR	ON	2016/06/22 13:31
S23	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S24	864	S23 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S25	699	S24 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S26	100	S25 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S27	13	S26 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S28	0	S25 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:16
S29	9	S25 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:17
S30	77557	((media audio video) with record$4 with application)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:25
S31	568	S30 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:26
S32	464	S31 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 15:27
S33	267	S32 and ((cancel$4 terminat$4 end$4 trigger$4 activat$4 execut$4) with record$4)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:30
S34	130	S33 and ((chang$4 updat$4) with (option menu selection button))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:31
S35	43	S33 and ((chang$4 updat$4) with (option menu selection button) with (state stage))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:38
S36	4	S35 and ((display$4 present$4) with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:39
S37	4116	((media audio video) with record$4 with (application app) with mobile)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S38	1038	S37 and ((display$4 present$4) with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S39	519	S38 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S40	0	S39 and ((chang$4 updat$4 present$4) with (option menu selection button) with (operat$4 near record$4))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:46
S41	9	S39 and ((chang$4 updat$4 present$4) with (option menu selection button) with operat$4 with (application app))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:47
S42	3	("20080165141" | "20110261213" | "20100309148").PN.	US-PGPUB; USPAT	OR	ON	2016/07/14 14:12
S43	4178	((media audio video) with record$4 with (application app) with mobile)	US-PGPUB; USPAT	OR	ON	2016/07/14 14:54
S44	1925	S43 and (microphone)	US-PGPUB;	OR	ON	2016/07/14

			USPAT			14:54
S45	26	S44 and ((tap near (start talk end) push near talk (release hold) near (record stop cancel)))	US-PGPUB; USPAT	OR	ON	2016/07/14 15:02
S46	127	((media video audio) with (record$4) near (application software app) with (menu option))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:26
S47	255	((media video audio) with (record$4) near (application software app) with (menu option button icon))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:28
S48	184	S47 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 12:28
S49	11	S48 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:30
S50	53390	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:38
S51	573	S50 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:39
S52	379	S51 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 12:39
S53	18	S52 and ((PTT HTR RTS RTR TTS) with (gesture slid$4 switch$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:40
S54	1303	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with gesture)	US-PGPUB; USPAT	OR	ON	2016/07/18 13:55
S55	7526	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:55
S56	5242	S55 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 13:56
S57	41	S56 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:57
S58	4	S57 and ((PTT HTR RTS RTR TTS) with (gesture slid$4 switch$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:58
S59	7526	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 16:49
S60	5242	S59 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 16:49
S61	11	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$).did.	US-PGPUB	OR	ON	2016/07/20 15:01
S62	7533	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02
S63	5242	S62 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02

S64	5046	S63 and ((switch$4 gestur$4 slid$4) with (menu button option mode) with (communication camera capture record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02
S65	1277	S63 and ((gesture touch$6 tap$4) with (switch$4 slid$4 chang$4) with (menu button option mode) with (communication camera capture record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:28
S66	412	S65 and ((media video audio voice) with (record$4) with (microphone camera))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:30
S67	79	S65 and ((media video audio voice) with (record$4) with (microphone camera) with (interface GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:35
S68	1	S67 and (communication near mode)	US-PGPUB; USPAT	OR	ON	2016/07/20 15:47
S69	30	S67 and ((select$4 tap$4) with (camera microphone) with record$4)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:01
S70	0	"Apple.as" and ((camera microphone) with mode)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:10
S71	6804	((camera microphone) with (menu selection near mode record$4 option) with touch$7)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:11
S72	4463	S71 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 16:13
S73	114	S72 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:31
S74	7	S73 and ((camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:33
S75	1821	(touch$7 with (camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:50
S76	954	S75 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 16:51
S77	10	S76 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel hold pause re?record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:51
S78	0	"Apple.as" and (touch$7 with (camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:07
S79	0	"Apple.as" and ((camera microphone) near (interface UI "user interface" GUI) with icon)	US-PGPUB; USPAT	OR	ON	2016/07/20 17:08
S80	25	Apple.as. and ((camera microphone) near (interface UI "user interface" GUI) with icon)	US-PGPUB; USPAT	OR	ON	2016/07/20 17:41
S81	13	S80 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 17:42
S82	23	S80 and (@ad<"20121015" @rlad<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/20 17:45
S83	0	S82 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:47

S84	41	Apple.as. and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel hold pause re?record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:48
S85	39	S84 and (@ad<"20121015" @rlad<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/20 17:50
S86	27	S84 and (@ad<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/20 18:45
S87	1	"20110249075".pn.	US-PGPUB; USPAT	OR	ON	2016/07/20 19:30
S88	1	"20110249074".pn.	US-PGPUB; USPAT	OR	ON	2016/07/20 19:30
S89	19	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$).did. or (US-6763226-$ or US-8502856-$).did.	US-PGPUB; USPAT	OR	ON	2016/07/21 10:12
S90	12	(camera near (menu option) with (video photo pano square slo?mo)) and Apple.as.	US-PGPUB; USPAT	OR	ON	2016/07/21 14:51
S91	7	S90 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 14:52
S92	7	S90 and (@ad<"20121015" @rlpd<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/21 14:54
S93	40945	((audio voice) with (microphone record$4 memo) with message)	US-PGPUB; USPAT	OR	ON	2016/07/21 16:29
S94	6472	((audio voice) with (record$4 conference IM) with (user near interface UI GUI))	US-PGPUB; USPAT	OR	ON	2016/07/21 16:31
S95	4984	S94 and (@ad<"20121015" @rlpd<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/21 16:31
S96	19	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$).did. or (US-6763226-$ or US-8502856-$).did.	US-PGPUB; USPAT	OR	ON	2016/07/21 16:40
S97	8	S96 and (user near (preference specif$4))	US-PGPUB; USPAT	OR	ON	2016/07/21 16:40
S98	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:34
S99	2	("20040225502" "20110075818").pn.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:41

S100	1	S98 and (gesture with (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:46
S101	1	S98 and (gesture and (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:47
S102	129628	((media audio voice video) with (record$4 captur$4 camera microphone) with (application app))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:19
S103	11771	((media audio voice video) with (record$4 captur$4 camera microphone) with (application app) with (user near interface GUI UI interface))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:20
S104	427	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:21
S105	7	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) with (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:22
S106	5	S105 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 22:22
S107	229	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) and (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:35
S108	19	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) same (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:35
S109	7	S108 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 22:36
S110	176	((menu function) with dynamically near chang$4 with (mode user near references))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:35
S111	121	S110 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 00:36
S112	2	((menu function) with dynamically near chang$4 with (communication near mode user near references))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:37
S113	0	S112 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 00:37
S114	6	S111 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:39
S115	352	((menu function) with dynamically near chang$4 with (communication near mode user near references application))	US-PGPUB; USPAT	OR	ON	2016/07/22 01:49
S116	0	((menu function) with dynamically near chang$4 with (communication near mode user near references application) with "same" near (key icon button))	US-PGPUB; USPAT	OR	ON	2016/07/22 01:58
S117	2	((menu function) with dynamically near chang$4 with (communication near mode user near references application) with "same" with (key icon button))	US-PGPUB; USPAT	OR	ON	2016/07/22 01:59
S118	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/07/22 02:43

S119	1	S118 and (user near preference)	US-PGPUB; USPAT	OR	ON	2016/07/22 02:43
S130	13	(assign$4 with (pre?defined near function) with (key menu))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:18
S131	12	S130 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:18
S132	11	((assign$4 delegat$4) with (pre?defined near function) with (blank empty) near (key menu near space))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:27
S133	10	S132 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:27
S134	11	((assign$4 delegat$4 drag$4) with (pre?defined near function) with (blank empty) near (key menu near space))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:29
S135	10	S134 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:29
S136	11	((assign$4 delegat$4 drag$4) with (pre?defined near (function menu)) with (blank empty) near (key space slot))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:31
S137	75	((assign$4 delegat$4 drag$4) with (function) with (blank empty) near (key space slot))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/07/22 04:32
S138	61	S137 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:33
S139	27	S138 and (universal near remote)	US-PGPUB; USPAT	OR	ON	2016/07/22 04:37
S140	15	((assign$4 delegat$4 drag$4) with (function) with (blank empty) near (key space slot)) same (universal near remote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/07/22 04:38
S141	13	S140 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:39
S142	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/07/22 06:14
S143	1	S142 and (non?transitory with medium)	US-PGPUB; USPAT	OR	ON	2016/07/22 06:14
S144	24	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-	US-PGPUB; USPAT	OR	ON	2016/07/22 07:23

		$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$).did.				
S145	25	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$).did.	US-PGPUB; USPAT	OR	ON	2016/07/22 07:25
S148	26	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2017/01/23 13:43
S149	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) with communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S150	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) same communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S151	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) and communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S152	79	(chang$4 with dynamic$4 with (state status) near (button icon menu))	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16
S153	5	(chang$4 with dynamic$4 with (state status) near (button icon menu) with mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16
S154	5	S153 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16
S155	24829	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17
S156	0	S155 and (chang$4 with dynamic$4 with (state status) near (button icon menu) with mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17
S157	28	S155 and (chang$4 with dynamic$4 with (state status) near (button icon menu))	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17

S158	28	S157 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 14:18
S159	1125	(chang$4 with (state status user near interface) near (button icon menu submenu) with (select$4 option click))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:38
S160	876	S159 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40
S161	37	(chang$4 near dynamic$4 with (state status user near interface) near (button icon menu submenu) with (select$4 option click))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40
S162	35	S161 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40
S163	0	(chang$4 near dynamic$4 with (state user near interface) near (button icon menu submenu) with (select$4 option click) near (parent root))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:49
S164	109	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:59
S165	86	S164 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:59
S167	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) near mode near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:32
S168	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) with mode near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:33
S169	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:33
S170	2	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) with record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:35
S171	1	S170 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/24 09:36
S172	1	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:38
S173	1	(chang$4 near dynamic$4 with (state user near interface context) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:44
S174	1	(chang$4 near dynamic$4 with (state user near interface context) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:45
S175	1	(chang$4 near dynamic$4 with (state user near interface context) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:46
S176	91	(chang$4 near dynamic$4 with (state user near interface context) with	US-PGPUB; USPAT	OR	ON	2017/01/24 10:06

		record$4)				
S177	8	(chang$4 near dynamic$4 with (state user near interface context) with record$4 with (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 10:06
S178	5	S177 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/24 10:10
S179	29	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2017/07/20 09:16
S181	25548	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2017/07/20 11:12
S182	1173	S181 and (chang$4 with (state user near interface) with (button icon menu submenu))	US-PGPUB; USPAT	OR	ON	2017/07/20 11:13
S183	1	"20040216059".pn.	US-PGPUB; USPAT	OR	ON	2017/07/20 15:31
S184	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2017/07/20 15:37
S185	0	S184 and (chang$4 with (state user near interface) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/07/20 15:37
S186	10	S184 and (chang$4 with (state user near interface) with (button icon menu submenu))	US-PGPUB; USPAT	OR	ON	2017/07/20 15:38
S187	10	S186 and (touch$4 touchscreen touch	US-PGPUB;	OR	ON	2017/07/20

		near screen touch?screen)	USPAT			15:53
S189	1	"20130052982".pn.	US-PGPUB; USPAT	OR	ON	2017/07/21 14:54
S190	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2018/04/17 13:20
S191	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2018/04/17 13:44
S194	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2018/11/20 09:33

S195	27325	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2018/11/20 12:49
S196	0	S195 and ((switching chang$4) with recording near mode with (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 12:49
S197	1	((switching chang$4) with recording near mode with (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 12:50
S198	1	S197 and (recording near mode)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:02
S199	1	S197 and (recording adj mode)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:04
S200	1	(recording near modes with (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:25
S201	1	(recording near modes with (PTT push near talk) with (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:25
S202	1	(recording near modes with (PTT push near talk) same (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:26
S203	10648	(recording near modes same (PTT push near talk) (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:26
S204	1	(recording near modes same (PTT push near talk) and (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:27
S205	1	((switching chang$4) with recording near modes same (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:29
S206	1	((switching chang$4) with recording near modes and (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:29
S207	500	((switching chang$4) with recording near modes with (record conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:33
S208	1	((switching chang$4) with recording near modes with "same" near (record conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:34
S209	365	((switching chang$4) with recording near modes with (button icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:42
S210	267	S209 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:47
S211	0	S210 and ((PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:49
S212	0	S210 and ((PTT push near talk) and (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:49
S213	2	S210 and ((PTT push near talk) (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:50
S214	200	((PTT push near talk) with (hand?free	US-PGPUB;	OR	ON	2018/11/20

		near recording RTR release near talk))	USPAT			13:55
S215	182	S214 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:55
S216	0	S215 and ((switching chang$4) with recording near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:55
S217	36	S215 and ((switching chang$4) with modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:56
S218	126	((PTT push near talk) with (hand?free near recording RTR release near record))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:57
S219	30	S218 and ((switching chang$4) with modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:57
S220	29	S219 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:58
S221	3463	((voice memo media video) near record$4 with((Hold release hand?free) near record$4 HTR RTR))	US-PGPUB; USPAT	OR	ON	2018/11/20 14:49
S222	3463	((voice memo media video) near record$4 with ((Hold release hand?free) near record$4 HTR RTR))	US-PGPUB; USPAT	OR	ON	2018/11/20 14:50
S223	3006	S222 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 14:53
S224	137	S223 and ((switching chang$4) with record$4 near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 14:54
S225	136	S224 and ((voice memo media) near record$4)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S226	0	S224 and ((voice memo media) near record$4 with microphone near lable)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S227	0	S224 and ((voice memo media) near record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S228	45172	((voice memo) near record$4)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:30
S229	1514	((voice memo) near record$4 with modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S230	94	S229 and ((switching chang$4) with record$4 near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S231	85	S230 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S232	1	S231 and ((Hold release hand?free) near record$4 HTR RTR)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:34
S233	61	S229 and ((Hold release hand?free) near record$4 HTR RTR)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:40
S234	60	S233 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 15:40
S235	103	((switching chang$4) with (communication conversation) near modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:27
S236	81	S235 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S237	0	S236 and ((phone dial) near application)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S238	0	S236 and ((phone dial) near (application app))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S239	29976	((phone dial) near (application app))	US-PGPUB;	OR	ON	2018/11/20

			USPAT			16:28
S240	660	((phone dial) near (application app) with menu)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29
S241	0	S240 and ((switching chang$4) with (communication conversation) near modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29
S242	2	S240 and ((switching chang$4) with modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29
S243	0	S242 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:30
S244	38	S240 and ((record speaker mute end) near menu)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:33
S245	14	S244 and @rlad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:34
S246	26	S244 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:34
S247	219	S239 and ((record speaker mute end) near (menu icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:38
S248	102	S247 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:39
S249	116	S239 and ((record speaker) near (menu icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:57
S250	61	S249 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:57
S251	36	S250 and (record$4 near (voice memo conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:58
S252	40	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$).did.	US-PGPUB; USPAT	OR	ON	2018/11/20 17:46

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S120	1045	(gesture and (media audio voice video) with	US-	OR	ON	2016/07/21

		(record$4)).clm.	PGPUB; USPAT			21:47
S121	295	(gesture with (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:47
S122	3	S121 and (communication near mode).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:48
S123	3	S121 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/21 21:50
S124	1	S121 and ((tap near (start talk end) push near talk release near (record stop))).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:50
S125	64	(gesture and (media audio voice video) with (record$4) with (user near interface UI GUI)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:53
S126	1	S125 and ((tap near (start talk end) push near talk release near (record stop))).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:53
S127	1	S125 and (communication near mode).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:54
S128	64	S125 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app user near interface UI GUI)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:55
S129	17	S125 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:56
S146	1	"Term Removed"	US-PGPUB	OR	ON	2016/07/22 07:23
S147	1	"Term Removed"	US-PGPUB	OR	ON	2016/07/22 07:25
S166	1	"Term Removed"	US-PGPUB	OR	ON	2017/01/23 13:43
S180	1	"Term Removed"	US-PGPUB	OR	ON	2017/07/20 09:16
S188	1	"Term Removed"	US-PGPUB	OR	ON	2017/07/20 15:37
S192	1	"Term Removed"	US-PGPUB	OR	ON	2018/04/17 13:20
S193	1	"Term Removed"	US-PGPUB	OR	ON	2018/04/17 13:44
S253	1	"Term Removed"	US-PGPUB	OR	ON	2018/11/20 09:33
S254	1	"Term Removed"	US-PGPUB	OR	ON	2018/11/20 17:46

11/ 20/ 2018 10:09:13 PM
C:\ Users\ tnguyen14\ Documents\ EAST\ Workspaces\ search_14051735.wsp

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 11/21/2018

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EXAMINER	
NGUYEN, TUAN S	

ART UNIT	PAPER NUMBER
2145	

MAIL DATE	DELIVERY MODE
11/21/2018	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/051,735	Applicant(s) Mumick, Kieraj Singh	
	Examiner TUAN S NGUYEN	Art Unit 2145	AIA Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 10/22/2018.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☑ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-6,9,17-19,22-26,29,34-35,38-40 and 47-57 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-6,9,17-19,22-26,29,34-35,38-40 and 47-57 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

Notice of Pre-AIA or AIA Status

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

DETAILED ACTION

Claims 1-6, 9, 17-19, 22-26, 29, 34-35, 38-40, 47-57 are pending in this application. Claims 1, 17, 22, 34, 47 and 53 are independent claims. This Office Action is made Non-Final.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103 which forms the basis for all obviousness rejections set forth in this Office action:

> A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102 of this title, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57 are rejected under 35 U.S.C. 103 as being unpatentable over Cranfill et al. ("Cranfill", US PG-Pub. 2011/0249074 A1) in view of Vong et al. ("Vong", US PG-Pub. 2004/0216059 A1).

Re-claim 1,

Cranfill teaches a computer implemented method for performing actions associated with recording media data in one or more recording modes based on one or more gestures on a graphical user interface of a mobile electronic device, comprising:

providing a gesture based media recording application, said gesture based media recording application, when executed by a processor, managing said graphical user interface of said mobile electronic device and actions associated with said recording of said media data in said one or more of said recording modes on said mobile electronic device **(Cranfill, Fig. 12. Cranfill describes the gesture based video conference application that records and streams the video from both conferees. The video conference application is considered as a media recording application that recording the video conference to communicate among conferees)**;

defining one or more interface regions on said graphical user interface of said mobile electronic device by said gesture based media recording application, wherein each of said defined interface regions is associated with a predefined function from among a plurality of predefined functions on said graphical user interface by said gesture based media recording application **(Cranfill, Fig. 12, [0238-0240]. Cranfill describes the video conference application defining the menu bar area 1155 and the menu options 1246, 1275 that can be in many different layout, locations in a dynamic manner)**;

detecting a first gesture from among multiple gestures on a first of said defined interface regions by said gesture based media recording application **(Cranfill, Fig. 12,**

[0234, 0235]. Cranfill describes the user touching input on the "Accept" button 1275 is detected to start the video conferencing);

performing a first action associated with said recording of said media data in one of said recording modes by said gesture based media recording application, on said detection of said first gesture on said one of the said defined interface regions **(Cranfill, Fig. 12, [0234, 0235]. Cranfill describes the video conference is started at the Fourth stage and recording the video)**;

Cranfill fails to teach dynamically changing, by said gesture based application, said predefined functions associated with said first defined interface region and one or more of other of said defined interface regions based on said detected first gesture on said first defined interface region; detecting a second gesture from among said multiple gestures on one of: said first defined interface region and one or more of said other of defined interface regions by said gesture based application; and performing a second action associated with said user selection, in response to said detection of said second gesture by said gesture based application.

However, Vong teaches:

dynamically changing, by said gesture based application, said predefined functions associated with said first defined interface region and one or more of other of said defined interface regions based on said detected first gesture on said first defined interface region **("Vong", Figs. 4, 13B, 13D, [0047]. Vong describes the concept of dynamically changing the graphical user interface on touchscreen display with the subsequent associated function menu selections based on the context**

defined by one or more first selection (i.e. calendar first selection, music first selection, etc.));

detecting a second gesture from among said multiple gestures on one of: said first defined interface region and one or more of said other of defined interface regions by said gesture based application (**"Vong", Fig. 13B. Vong describes the concept of subsequent user input is received on "Previous Day "or any other buttons**); and

performing a second action associated with said user selection, in response to said detection of said second gesture by said gesture based application (**"Vong", Fig. 13B. Vong describes the subsequent associated function menu or content of "Details" or "Previous Day" are displayed to be executed further**).

Therefore, it would have been obvious to one having the ordinary skill in the art before the effective filing date of the claimed invention to modify the teachings of Cranfill with the above teachings of Vong in order to provide the dynamic subsequent context menu for further operation of the media recording application.

Re-claim 2,

in addition to what Cranfill-Vong teaches in claim 1,

Cranfill also teaches the method, wherein said second action is at least one of: switching from said one of said recording modes to another one of said recording modes for said recording of said media data; canceling said recording of said media data; generating and displaying a plurality of options for performing an operation associated with said recorded media data, and combinations thereof (**Cranfill, Fig. 12.**

Cranfill describes the second action is canceling said recording of said media data by selecting the End conference button 1287).

Re-claim 3,

in addition to what Cranfill-Vong teaches in claim 1,

Cranfill also teaches the method, further comprising streaming said media data to a 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 **(Cranfill, Figs. 10, 12. Cranfill describes the video data of the conference are streaming to a server 1015 via a network continuously while recording).**

Re-claim 4,

in addition to what Cranfill-Vong teaches in claim 1,

Cranfill also teaches the method, wherein said recording modes comprise a push to talk recording mode, a tap to start recording mode, a release to record recording mode, a release to stop recording mode, and a tap to end recording mode **(Cranfill, Fig.12. Cranfill describes the "tap to start" the Video conference by "Accept" button 1275, "tap to end" by "End Conference" button 1287).**

Re-claim 5,

in addition to what Cranfill-Vong teaches in claim 1,

Cranfill also teaches the method, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof **(Cranfill, Fig. 12. Cranfill describes the media data is audio data and video data)**.

Re-claim 6,

in addition to what Cranfill-Vong teaches in claim 1,

Cranfill also teaches the method, wherein said gestures comprise a drag and drop gesture, a click gesture, a double click gesture, a click and hold gesture, a tap gesture, a tap and hold gesture, a hold and swipe gesture, a swipe and hold gesture, a touch gesture, a slide gesture, a slide and release gesture, a glide gesture, a scrolling gesture, and any combination thereof **(Cranfill, Fig. 12. Cranfill describes the gesture is a touch gesture or a tap gesture)**.

Re-claim 17,

it is a method claim having similar limitation in scope of claim 1 with audio data; therefore, it is rejected under similar rationale.

Re-claim 18,

in addition to what Cranfill-Vong teaches in claim 17,

Cranfill also teaches the method, wherein said action is at least one of: switching from said one of said recording modes to another one of said recording modes for said recording of said audio data; canceling said recording of said audio data in one of said

recording modes: generating and displaying a plurality of options for performing an operation associated with said recorded audio data **(Cranfill, Fig. 12, [0238-0240]. Cranfill describes the second action is "end conference" action with gesture on button 1287)**.

Re-claim 19,

in addition to what Cranfill-Vong teaches in claim 17, claim 19 is the method claim having similar limitation in scope of claim 4; therefore, it is rejected under similar rationale.

Re-claim 22,

Cranfill teaches a computer implemented system for performing actions associated with recording media data in one or more of recording modes based on one or more gestures on a graphical user interface of a mobile electronic device, said computer implemented system comprising:

at least one processor **(Cranfill, Fig. 89. Cranfill describes the processor 8905)**;

a non-transitory computer readable storage medium communicatively coupled to said at least one processor, said non-transitory computer readable storage medium configured to store said gesture based media recording application **(Cranfill, Fig. 89. Cranfill describes the memory 8970)**; and

other gesture based media recording application's modules performing similar functional limitations in scope of claim 1 taught by Cranfill in view of Vong; therefore, it is rejected under similar rationale.

Re-claim 23,

in addition to what Cranfill-Vong teaches in claim 22, claim 23 is the system claim having similar limitation in scope of claim 2; therefore, it is rejected under similar rationale.

Re-claim 24,

in addition to what Cranfill-Vong teaches in claim 22, claim 24 is the system claim having similar limitation in scope of claim 3; therefore, it is rejected under similar rationale.

Re-claim 25,

in addition to what Cranfill-Vong teaches in claim 22, claim 25 is the system claim having similar limitation in scope of claim 4; therefore, it is rejected under similar rationale.

Re-claim 26,

in addition to what Cranfill-Vong teaches in claim 22, claim 26 is the system claim having similar limitation in scope of claim 5; therefore, it is rejected under similar rationale.

Re-claim 34,

it is the computer program product claim having similar limitation in scope of claims 1 and 5; therefore, it is rejected under similar rationale.

Re-claim 35,

in addition to what Cranfill-Vong teaches in claim 34, claim 35 is the computer program product claim having similar limitation in scope of claim 2; therefore, it is rejected under similar rationale.

Re-claim 39,

in addition to what Cranfill-Vong teaches in claim 34, claim 39 is the computer program product claim having similar limitation in scope of claim 3; therefore, it is rejected under similar rationale.

Re-claim 40,

in addition to what Cranfill-Vong teaches in claim 34, claim 40 is the computer program product claim having similar limitation in scope of claim 4; therefore, it is rejected under similar rationale.

Re-claim 47,

it is the system claim having similar limitation in scope of claim 22 with audio data; therefore, it is rejected under similar rationale.

Re-claim 48,

in addition to what Cranfill-Vong teaches in claim 47, claim 48 is the system claim having similar limitation in scope of claim 23 with audio data; therefore, it is rejected under similar rationale.

Re-claim 49,

in addition to what Cranfill-Vong teaches in claim 47, claim 49 is the system claim having similar limitation in scope of claim 24 with audio data; therefore, it is rejected under similar rationale.

Re-claim 50,

in addition to what Cranfill-Vong teaches in claim 47, claim 50 is the system claim having similar limitation in scope of claim 25 with audio data; therefore, it is rejected under similar rationale.

Re-claim 51,

in addition to what Cranfill-Vong teaches in claim 47, claim 51 is the system claim having similar limitation in scope of claim 26 with audio data; therefore, it is rejected under similar rationale.

Re-claim 53,

it is the computer program product claim having similar limitation in scope of claim 1 with audio data; therefore, it is rejected under similar rationale.

Re-claim 54,

in addition to what Cranfill-Vong teaches in claim 53, claim 54 is the computer program product claim having similar limitation in scope of claim 2 with audio data; therefore, it is rejected under similar rationale.

Re-claim 56,

in addition to what Cranfill-Vong teaches in claim 53, claim 56 is the computer program product claim having similar limitation in scope of claim 3 with audio data; therefore, it is rejected under similar rationale.

Re-claim 57,

in addition to what Cranfill-Vong teaches in claim 53, claim 57 is the computer program product claim having similar limitation in scope of claim 4 with audio data; therefore, it is rejected under similar rationale.

Claims 9, 29, 38, 52, 55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cranfill in view of Vong, and further in view of Huang et al. ("Huang", US PG-Pub. 2007/0296552 A1).

Re-claim 9,

Cranfill-Vong teaches the method in claim 1, but Cranfill fails to teach a method, further comprising configuring predefined functions for one or more of said defined interface regions based on user preferences by said gesture based application.

However, Huang teaches a method, further comprising:

configuring predefined functions for one or more of said defined interface regions based on user preferences by said gesture based application **(Huang, [0095]. Huang describes user can assign functions to the blank keys/iconic location on universal remote control by drag and drop action)**.

Therefore, it would have been obvious to one having the ordinary skill in the art before the effective filing date of the claimed invention to modify the teachings of modified Cranfill with the above teachings of Huang in order to customize the UI menu item as user desire.

Re-claim 29,

in addition to what Cranfill-Vong teaches in claim 22, claim 29 is the system claim having similar limitation in scope of claim 9; therefore, it is rejected under similar rationale.

Re-claim 38,

in addition to what Cranfill-Vong teaches in claim 34, claim 38 is the computer program product claim having similar limitation in scope of claim 9; therefore, it is rejected under similar rationale.

Re-claim 52,

in addition to what Cranfill-Vong teaches in claim 47, claim 52 is the system claim having similar limitation in scope of claim 29 with audio data; therefore, it is rejected under similar rationale.

Re-claim 55,

in addition to what Cranfill-Vong teaches in claim 53, claim 55 is the computer program product claim having similar limitation in scope of claim 38 with audio data; therefore, it is rejected under similar rationale.

Response to Arguments

Applicant's argument filed on 10/22/2018 have been fully considered but it is not persuasive.

Applicant argues on pages 17-25 regarding to amended claims 1, 17, 22, 34, 47 and 53 that Cranfill in view of Vong fails to teach the feature of the amended independent claims focusing on the example of switching recording modes from PTT (Push To Talk) to RTR (Release To Record) as a hand-free recording.

Examiner respectively submit that the claim language in independent claims do not mention anything about switching between the recording modes. Therefore, the argument is invalid to consider. Although the dependent claim 2 recites about the

switching actions, but the claim language of the second action is the "**at least one of**" option. Thus, the argument switching concept is not considered as the rejection above.

Conclusion

Any inquiry concerning this recording or earlier recordings from the examiner should be directed to TUAN S NGUYEN whose telephone number is (571)270-7612. The examiner can normally be reached on Monday-Friday (9-5).

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Young can be reached on 571-270-3180. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)? If you would like assistance from a

USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TUAN S NGUYEN/
Primary Examiner, Art Unit 2145

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	Art Unit
	TUAN S NGUYEN	2145

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/22/2016	01/24/2017	07/21/2017	04/17/2018	11/20/2018				
	1	✓	✓	✓	✓	✓				
	2	✓	✓	✓	✓	✓				
	3	✓	✓	✓	✓	✓				
	4	✓	✓	✓	✓	✓				
	5	✓	✓	✓	✓	✓				
	6	✓	✓	✓	✓	✓				
	7	✓	-	-	-	-				
	8	✓	✓	✓	✓	-				
	9	✓	✓	✓	✓	✓				
	10	✓	✓	✓	✓	-				
	11	✓	✓	✓	-	-				
	12	✓	✓	✓	✓	-				
	13	✓	✓	✓	✓	-				
	14	✓	-	-	-	-				
	15	✓	✓	✓	✓	-				
	16	✓	✓	✓	✓	-				
	17	✓	✓	✓	✓	✓				
	18	✓	✓	✓	✓	✓				
	19	✓	✓	✓	✓	✓				
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	21	✓	✓	✓	✓	-				
	22	✓	✓	✓	✓	✓				
	23	✓	✓	✓	✓	✓				
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	29	✓	✓	✓	✓	✓				
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	31	✓	✓	✓	-	-				
	32	✓	✓	✓	✓	-				
	33	✓	✓	✓	✓	-				
	34	✓	✓	✓	✓	✓				
	35	✓	✓	✓	✓	✓				
	36	✓	-	-	-	-				
	37	✓	✓	✓	✓	-				
	38	✓	✓	✓	✓	✓				
	39	✓	✓	✓	✓	✓				
	40	✓	✓	✓	✓	✓				
	41			✓	✓	-				
	42			✓	✓	-				

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	**Art Unit**
	TUAN S NGUYEN	2145

CLAIM		DATE								
Final	Original	07/22/2016	01/24/2017	07/21/2017	04/17/2018	11/20/2018				
	43			✓	✓	-				
	44			✓	✓	-				
	45				✓	-				
	46				✓	-				
	47					✓				
	48					✓				
	49					✓				
	50					✓				
	51					✓				
	52					✓				
	53					✓				
	54					✓				
	55					✓				
	56					✓				
	57					✓				

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 11/23/2018

Ashok Tankha
36 Greenleigh Drive
Sewell, NJ 08080

EXAMINER	
NGUYEN, TUAN S	

ART UNIT	PAPER NUMBER
2145	

MAIL DATE	DELIVERY MODE
11/23/2018	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Applicant-Initiated Interview Summary	**Application No.** 14/051,735	**Applicant(s)** Mumick, Kieraj Singh	
	Examiner TUAN S NGUYEN	**Art Unit** 2145	**AIA Status** Yes

All participants (applicant, applicants representative, PTO personnel):

(1) TUAN S. NGUYEN. (3) _____.

(2) Ashok Tankha, Reg. No. 33,802. (4) _____.

Date of Interview: 20 November 2018.

Type: ☑ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☑ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☐103 ☑Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1-2.

Identification of prior art discussed: Cranfill and Vong.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Applicant discussed the general of the invention focusing on switching between the recording modes during recording (i.e. from PTT to RTR of hand-free recording). However, the claim language in independent claim 1 does not include this feature. Claim 2 has this feature but it is an optional limitation by the claim language.
Examiner suggested applicant to be specific in the claim of what feature is/are intended to claim. Examiner also discuss the possible rejection in the voice/video conference application when user can switch from normal recording mode (ear holding talking) to Speaker/headphone recording mode during the conversation.
There was no agreement reached..

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiners responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicants correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,-
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicants record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiners version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, Interview Record OK on the paper recording the substance of the interview along with the date and the examiners initials.

Remarks

The Pending Claims

Claims 58-90 are currently pending. Reconsideration and allowance of the pending claims is respectfully requested.

Summary of the Office Action

Claim Rejections - 35 USC § 103

Claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57 are rejected under 35 U.S.C. 103 as being unpatentable over Cranfill et al. ("Cranfill", US PG-Pub. 2011/0249074 A1) in view of Vong et al. ("Vong", US PG-Pub. 2004/0216059 A1).

Claims 9, 29, 38, 52, 55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cranfill in view of Vong, and further in view of Huang et al. ("Huang", US PG-Pub. 2007/0296552 A1).

Amendment to the claims

Claims 1-57 are canceled; claims 58-90 are new. Applicant respectfully submits that the claim amendments do not add new subject matter.

Support for new claims 58-90 is found in FIGS. 4C-4D, and paragraphs [0046], [0055] of applicant's original application.

Summary of telephonic interview with the examiner

Applicant would like to thank the examiner for providing an opportunity for the telephonic interview on November 20, 2018. Claims 1-2 were discussed during the

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interview. Regarding claim 1, examiner suggested that the claim should be amended to highlight the **switching of recording mode from push to talk (PTT) recording mode to release to record (RTR) recording mode upon performing the second gesture**. Accordingly, applicant submits a new claim set 58-81, where claims 58, 66 and 74 highlight the **switching of recording mode from push to talk (PTT) recording mode to release to record (RTR) recording mode upon performing the second gesture**.

Response to rejections

The office action states: "**Claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57 are rejected under 35 U.S.C. 103 as being unpatentable over Cranfill et al. ("Cranfill", US PG-Pub. 2011/0249074 A1) in view of Vong et al. ("Vong", US PG-Pub. 2004/0216059 A1).**"

In response to the above rejection, applicant has canceled claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57. Therefore, the rejection of claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57 is moot. However, claim 1 is re-submitted as new claim 58 with amendments. Applicant therefore respectfully submits that Cranfill in view of Vong does not teach or suggest the following limitation in new claim 58:

> "**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 one of said defined interface regions**;"
>
> "**switching said recording of said media data to a release to record (RTR) recording mode**, by said gesture based media recording application, **in response to said detection of said second gesture**."

Claim 58 discloses a computer implemented method for recording media data in a plurality of recording modes based on one or more gestures on a graphical user interface of an electronic device. Furthermore, claim 58 discloses that a first of multiple gestures is

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detected on one of the defined interface regions by the gesture based media recording application. **Upon detection of the first gesture**, the gesture based media recording application **starts recording of media data in a push to talk (PTT) recording mode**. Next, the **functions of the one or more defined interface regions change based on the first gesture**. Next, a **second of the multiple gestures is detected** on one of the defined interface regions. **Upon detection of the second gesture, the gesture based media recording application switches the recording of media data from the push to talk (PTT) recording mode to the release to record (RTR) recording mode**.

For example, a user wishes to switch from the push to talk (PTT) communication mode to the release to record (RTR) communication mode to avoid having to continually press the interface region **301** *b* for recording lengthy audio data. When the user performs a press and hold gesture (first gesture) on the interface region **301b** (see **FIG. 4A** of applicant's original application reproduced on this page), the media recording application detects the press and hold gesture (first gesture) on the interface region **301b**. In response to the detection of the press and hold gesture (first gesture), the media recording application starts recording of the media data in the push to talk (PTT) recording mode (= first recording mode); see paragraphs [0044]-[0045] of applicant's original application.

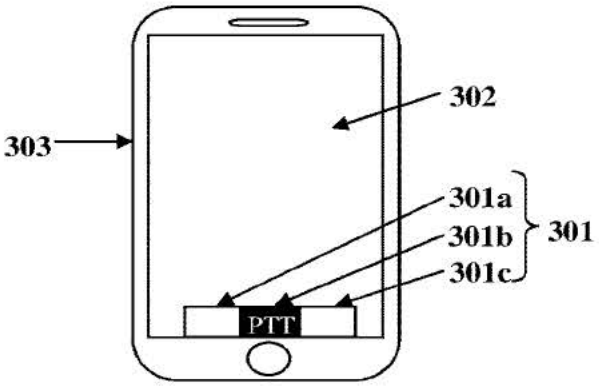


FIG. 4A

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After the user started the recording of the media data in the push to talk (PTT) recording mode, the functions associated with the region **301c** changes to RTR. At this time, the user realizes that the recording will be lengthy, and wishes to continue recording without continually pressing the interface region **301 b**. Therefore, the user slides his/her finger (second gesture) on the GUI **302** from the interface region **301b** to the interface region **301c** (see FIG. **4C** of applicant's original application reproduced on this page). When the media recording application detects the user's slide gesture (second gesture) on the interface region **301c**, it switches the recording mode from push to talk (PTT) recording mode (first recording mode) to release to record (RTR) recording mode (second recording mode); see paragraph [0046] of applicant's original application.

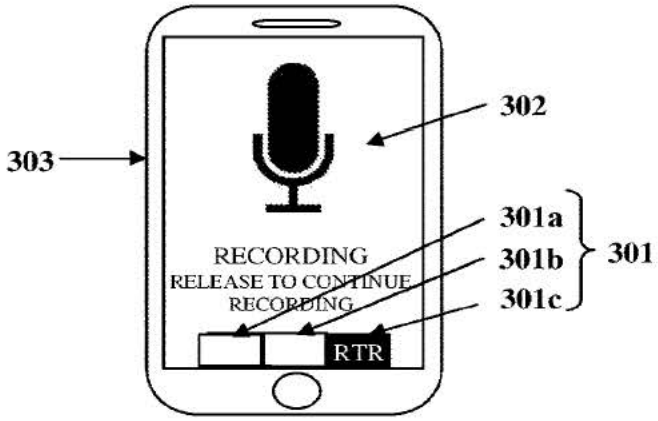


FIG. 4C

Cranfill in view of Vong does not teach or suggest a method for recording media data in a plurality of recording modes based on one or more gestures on a graphical user interface of an electronic device. Furthermore, Cranfill in view of Vong does not teach or suggest switching the recording mode from push to talk (PTT) recording mode (first recording mode) to release to record (RTR) recording mode (second recording mode), by the gesture based media recording application, upon detection of the second gesture.

In contrast, Cranfill teaches, *inter alia*, modifying a composite display of a first mobile display that is engaged in a video conference with a second device and the like. Cranfill's menu bar **1155** merely shows the two selectable UI items **1275** and **1246** for accepting and ending a video conferencing call (see Cranfill Figure 12), which amounts

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to starting and ending the recording of media data. Cranfill does not teach anywhere a gesture based media recording application that records media data in a plurality of recording modes, for example, the push to talk (PTT) recording mode and the release to record (RTR) recording mode. Furthermore, Cranfill does not teach or suggest anywhere switching from the first recording mode (for example the PTT recording mode) to the second recording mode (for example the RTR recording mode) upon detection of the second gesture.

Also, in contrast, Vong teaches, *inter alia*, a control panel unit for a computing device with buttons, wherein upon activation of a button, the viewable states of the buttons change. More specifically, Vong teaches using context sensitive soft labels (such as VIEW, READ, DELETE, OPEN ON PC in display regions 630, 640, 650, 660) which indicate the function, action or task that can be performed in the context of an application limited to messaging, music, calendar or news, when the corresponding button is actuated. Use of context sensitive soft labels of Vong in Cranfill will not result in arriving at the limitations of applicant's claim 1 because Cranfill (a) does not teach or suggest recording the media data in the plurality of recording modes, and (b) does not teach or suggest switching the recording of media data from the push to talk (PTT) recording mode to the release to record (RTR) recording mode upon detection of the second gesture.

Furthermore, during the interview, examiner suggested that there could be a possible rejection in the voice/video conference application when user can switch from normal recording mode (ear holding talking) to Speaker/headphone recording mode during the conversation. In response, applicant presents the following arguments.

In Cranfill, the user has to press and release the UI button 1275 (Accept Button) to start the video conferencing or recording. At best this can be equated to "tap to start (TTS) recording mode". It is not the same as "push to start (PTT) recording mode. Therefore, Cranfill does not teach or suggest the following limitation in claim 58:

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"**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 one of said defined interface regions**;"

Next, when the user switches from handset to speaker, he will again have to tap on the speaker button. This amounts to repeating the "tap to start (TTS) recording mode with the use of speaker instead of handset. Therefore, Cranfill, in view of Vong, does not teach or suggest the following limitation in claim 58:

"**switching said recording of said media data to a release to record (RTR) recording mode**, by said gesture based media recording application, **in response to said detection of said second gesture**."

Therefore, applicant submits that even if both Cranfill and Vong are combined as suggested in the office action, there is no reasonable expectation of success in arriving at the following limitations in applicant's claim 58:

"**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 one of said defined interface regions**;"

"**switching said recording of said media data to a release to record (RTR) recording mode**, by said gesture based media recording application, **in response to said detection of said second gesture**."

Therefore, claim 58 is non-obvious over Cranfill in view of Vong.

Claims 67, 76, 85 and 88 are analogous to claim 58 and recite limitations similar to claim 58. Since claim 58 is non-obvious over Cranfill in view of Vong, applicant submits that the claims 67, 76, 85 and 88 are also non-obvious over Cranfill in view of Vong.

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Claims 59-66 are dependent on claim 58. Claims 68-75 are dependent on claim 66. Claims 86-87 are dependent on claim 85. Claims 89-90 are dependent on claim 88. Since claims 58, 67, 76, 85, 88 and 91 are non-obvious over Cranfill in view of Vong, applicant submits that dependent claims 59-66, 68-75, 86-87 and 89-90 are also non-obvious over Cranfill in view of Vong.

The office action further states: "**Claims 9, 29, 38, 52, 55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cranfill in view of Vong, and further in view of Huang et al. ("Huang", US PG-Pub. 2007/0296552 A1).**"

In response to the above rejection, applicant has cancelled claims 9, 29, 38, 52 and 55. Therefore, the rejection of claims 9, 29, 38, 52 and 55 is moot.

Conclusion

Applicant respectfully requests that a timely Notice of Allowance be issued in this application. In the interest of compact prosecution, if the prosecution of the application can be advanced or if a claim may be made potentially allowable by an Examiner's amendment, applicant requests Examiner Nguyen to call the undersigned with the proposed amendment.

Respectfully submitted,

Date: April 22, 2019

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Response to non-final office action

Examiner Nguyen:

In response to the non-final office action mailed November 21, 2018, please amend the above-referenced application as follows:

Amendment to claims begins on page 2 of this response.

Remarks begin on page 13 of this response.

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Amendment to the claims

Claims 1-57 (canceled).

Claim 58 (new): A computer implemented method for recording media data, comprising:

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;

defining one or more interface regions on said graphical user interface of said electronic device by said gesture based media recording application;

detecting a first gesture from among multiple gestures on one of said defined interface regions by said gesture based media recording application;

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 one of said defined interface regions;

dynamically changing, by said gesture based media recording application, functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions;

detecting a second gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application; and

switching said recording of said media data to a release to record (RTR) recording mode, by said gesture based media recording application, in response to said detection of said second gesture.

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Claim 59 (new): The computer implemented method of claim 58, further comprising:

detecting a third gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application, wherein said recording of said media data is ended on performing said third gesture, and wherein said recorded media data is one of transmitted to another electronic device, or saved locally.

Claim 60 (new): The computer implemented method of claim 58, further comprising:

detecting a third gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application, wherein said recording of said media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device.

Claim 61 (new): The computer implemented method of claim 58, further comprising:

detecting a third gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application, and switching said recording of said media data to a tap to end (TTE) mode.

Claim 62 (new): The computer implemented method of claim 61, 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 recording of said media data is ended on performing said fourth gesture.

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Claim 63 (new): The computer implemented method of claim 62, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device.

Claim 64 (new): The computer implemented method of claim 58, further comprising sending said media data to a 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.

Claim 65 (new): The computer implemented method of claim 58, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 66 (new): The computer implemented method of claim 58, wherein said gestures comprise a drag and drop gesture, a click gesture, a double click gesture, a click and hold gesture, a tap gesture, a release gesture, a tap and hold gesture, a hold and swipe gesture, a touch gesture, a slide gesture, a glide gesture, a scrolling gesture, a slide and release gesture, and any combination thereof.

Claim 67 (new): A computer implemented system for recording media data, comprising:

a processor;

a non-transitory computer readable storage medium communicatively coupled to said processor, said non-transitory computer readable storage medium configured to store a gesture based media recording application, 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;

said gesture based media recording application comprising:

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an interface definition module configured to define a plurality of interface regions on said graphical user interface of said electronic device;

a detection module configured to detect one of multiple gestures on one of said defined interface regions;

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 one of said defined interface regions;

said interface definition module configured to dynamically change functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions;

said detection module further configured to detect a second gesture from among said multiple gestures on said one of said defined interface regions; and

said action management module further configured to switch said recording of media data to a release to record (RTR) recording mode, in response to said detection of said second gesture.

Claim 68 (new): The computer implemented system of claim 67, further comprising:

said detection module further configured to detect a third gesture from among said multiple gestures on said one of said defined interface regions, wherein said recording of said media data is ended on performing said third gesture, and wherein said recorded media data is one of transmitted to another electronic device, or saved locally.

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Claim 69 (new): The computer implemented system of claim 67, further comprising:

said detection module further configured to detect a third gesture from among said multiple gestures on said one of said defined interface regions, wherein said recording of media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device.

Claim 70 (new): The computer implemented system of claim 67, further comprising:

said detection module further configured to detect a third gesture from among said multiple gestures on said one of said defined interface regions, and switching said recording of said media data to a tap to end (TTE) mode.

Claim 71 (new): The computer implemented system of claim 70, 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 recording of said media data is ended on performing said fourth gesture.

Claim 72 (new): The computer implemented system of claim 71, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device.

Claim 73 (new): The computer implemented system of claim 67, wherein said gesture based media recording application further comprises a media recording module configured to send said media data to a 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.

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Claim 74 (new): The computer implemented system of claim 67, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 75 (new): The computer implemented system of claim 67, wherein said gestures comprise a drag and drop gesture, a click gesture, a double click gesture, a click and hold gesture, a tap gesture, a release gesture, a tap and hold gesture, a hold and swipe gesture, a touch gesture, a slide gesture, a glide gesture, a scrolling gesture, a slide and release gesture, and any combination thereof.

Claim 76 (new): A computer program product for recording media data, said computer program product comprising a non-transitory computer readable storage medium, said non-transitory computer readable storage medium storing computer program codes that comprise instructions executable by a processor, said computer program codes comprising:

a first computer program code for defining a plurality of interface regions on a graphical user interface of said electronic device;

a second computer program code for detecting a first gesture from among multiple gestures on one of said defined interface regions;

a third computer program code for starting said recording of media data in a push to talk (PTT) recording mode, on said detection of said first gesture on said one of said defined interface regions;

a fourth computer program code for dynamically changing functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions;

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a fifth computer program code for detecting a second gesture from among said multiple gestures on one of said defined interface regions; and

a sixth computer program code for switching said recording of media data to a release to record (RTR) recording mode, in response to said detection of said second gesture.

Claim 77 (new): The computer program product of claim 76, further comprising:

a seventh computer program code for detecting a third gesture from among said multiple gestures on said one of said defined interface regions, wherein said recording of said media data is ended on performing said third gesture, and wherein said recorded media data is one of transmitted to another electronic device, or saved locally.

Claim 78 (new): The computer program product of claim 76, further comprising:

a seventh computer program code for detecting a third gesture from among said multiple gestures on said one of said defined interface regions, wherein said recording of said media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device.

Claim 79 (new): The computer program product of claim 76, further comprising:

a seventh computer program code for detecting a third gesture from among said multiple gestures on said one of said defined interface regions, and switching said recording of said media data to a tap to end (TTE) mode.

Claim 80 (new): The computer program product of claim 79, further comprising:

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an eighth computer program code for detecting a fourth gesture from among said multiple gestures on said one of said defined interface regions, wherein said recording of said media data is ended on performing said fourth gesture.

Claim 81 (new): The computer implemented system of claim 80, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device.

Claim 82 (new): The computer program product of claim 76, wherein said computer program codes further comprise a tenth computer program code for sending said media data to a 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.

Claim 83 (new): The computer program product of claim 76, wherein said gestures comprise a drag and drop gesture, a click gesture, a double click gesture, a click and hold gesture, a tap gesture, a release gesture, a tap and hold gesture, a hold and swipe gesture, a touch gesture, a slide gesture, a glide gesture, a scrolling gesture, a slide and release gesture, and any combination thereof.

Claim 84 (new): The computer program product of claim 76, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 85 (new): A computer implemented method for recording media data, comprising:

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;

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defining one or more interface regions on said graphical user interface of said electronic device by said gesture based media recording application;

detecting a first gesture from among multiple gestures on one of said defined interface regions by said gesture based media recording application;

starting local recording of media data on said electronic device in a record to release (RTR) recording mode, by said gesture based media recording application, on said detection of said first gesture on said one of said defined interface regions, wherein there is no transmission of said locally recorded media data to another electronic device upon performing said first gesture;

dynamically changing, by said gesture based media recording application, functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions;

detecting a second gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application; and

switching said recording of said media data to a tap to end (TTE) recording mode, by said gesture based media recording application, in response to said detection of said second gesture, by said gesture based media recording application.

Claim 86 (new): The computer implemented method of claim 85, further comprising:

detecting a third gesture on said one or more defined interface regions, by said gesture based media recording application, and ending said recording of said media data, wherein said recorded media data is one of transmitted to another electronic device, or saved locally.

Claim 87 (new): The computer implemented method of claim 85, further comprising:

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detecting a third gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application, and cancelling said recording of media data, wherein there is no transmission of already recorded media data to another electronic device.

Claim 88 (new): A computer implemented method for recording media data, comprising

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;

defining one or more interface regions on said graphical user interface of said electronic device by said gesture based media recording application;

detecting a first gesture from among multiple gestures on a first of said defined interface regions by said gesture based media recording application;

starting local recording of media data on said electronic device 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, wherein there is no transmission of said locally recorded media data to another electronic device upon performing said first gesture;

dynamically changing, by said gesture based media recording application, functions associated with said one or more defined interface regions based on said detected first gesture on said first defined interface region;

detecting a second gesture from among said multiple gestures on one of said defined interface regions, by said gesture based media recording application; and

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switching said recording of said media data to a tap to end (TTE) recording mode, by said gesture based media recording application, in response to said detection of said second gesture, by said gesture based media recording application.

Claim 89 (new): The computer implemented method of claim 88, further comprising:

detecting a third gesture on said one or more defined interface regions, by said gesture based media recording application, and ending said recording of said media data, wherein said recorded media data is one of transmitted to another electronic device, or saved locally.

Claim 90 (new): The computer implemented method of claim 88, further comprising:

detecting a third gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application, and cancelling said recording of media data, wherein there is no transmission of already recorded media data to another electronic device.

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Electronic Acknowledgement Receipt

EFS ID:	35797394
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
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Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	23-APR-2019
Filing Date:	11-OCT-2013
Time Stamp:	00:10:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After Non-Final Reject	KIRU-14NP-US-Response.pdf	95682 b4eec787bd0085e2f62b7cc9d534adce775b5f95	no	19
Warnings:					
Information:					
2	Transmittal Letter	KIRU_14NP_US_Transmittal_letter.pdf	22413 07c3f85882f278465669b33baf89d01704061dd5	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	118095		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

1. **Attachments:** We are transmitting herewith the attached papers for the above identified patent application:
- Response to Non-Final Office Action (19 pages).
- Petition for Extension of Time

2. **Fee:**
- Fee for 2 month time extension - $300

3. **General Authorization to charge or credit fees:** The Director is hereby authorized to charge any underpayment of fee or any other fee that may be required to deposit account # **600314**.

4. **Certificate Of Transmission Under 37 § CFR 1.8**: The undersigned hereby certifies that this Transmittal Letter and the papers as described in paragraph 1 hereinabove, are being electronically transmitted to the United States Patent and Trademark Office **via the USPTO electronic filing system** on this **22nd** day of **April 2019.**

Respectfully submitted,

Date: April 22, 2019

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Electronic Patent Application Fee Transmittal

Application Number:	14051735
Filing Date:	11-Oct-2013
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Filer:	Ashok Tankha
Attorney Docket Number:	KIRU-14NP-US

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 2 months with $0 paid	2252	1	300	300
Miscellaneous:				
			Total in USD ($)	**300**

PTO/AIA/22 (03-13)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): KIRU-14NP-US

Application Number: 14/051,735

Filed: 10/11/2013

For: Multi-gesture Media Recording System

Art Unit: 2145

Examiner: NGUYEN, TUAN S

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	Fee	Small Entity Fee	Micro Entity Fee	
☐ One month (37 CFR 1.17(a)(1))	$200	$100	$50	$ _____
☑ Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$ $300
☐ Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$ _____
☐ Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$ _____
☐ Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$ _____

☑ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☐ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.

☑ Payment made via EFS-Web.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant.

☐ attorney or agent of record. Registration number _____.

☑ attorney or agent acting under 37 CFR 1.34. Registration number 33802.

Ashok Tankha
Signature

April 23, 2019
Date

/a tankha/
Typed or printed name

856-266-5145
Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	35797317
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	Ashok Tankha - 36 Greenleigh Drive - Sewell NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	22-APR-2019
Filing Date:	11-OCT-2013
Time Stamp:	23:42:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$300

RAM confirmation Number	042319INTEFSW23453800
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Extension of Time	KIRU_14NP_US_Time_Extension.pdf	148291 e485b3e8a78de9f767aa08d92f363e210abf2c3c	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30089 75f84448f64964e300b74371c70fcf50f942cb21	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	178380		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 14/051,735	Filing Date 10/11/2013	☐ To be Mailed

ENTITY: ☐ LARGE ☑ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $40 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $210 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	04/23/2019	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 33	Minus	** 40	= 0		x $50 =	0
	Independent (37 CFR 1.16(h))	* 5	Minus	*** 7	= 0		x $230 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/KIM R WATSON/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 05/15/2019

Ashok Tankha
36 Greenleigh Drive
Sewell, NJ 08080

EXAMINER	
NGUYEN, TUAN S	

ART UNIT	PAPER NUMBER
2145	

MAIL DATE	DELIVERY MODE
05/15/2019	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Applicant-Initiated Interview Summary	**Application No.** 14/051,735	**Applicant(s)** Mumick, Kieraj Singh	
	Examiner TUAN S NGUYEN	**Art Unit** 2145	**AIA (FITF) Status** Yes

All participants (applicant, applicants representative, PTO personnel):

(1) TUAN S. NGUYEN. (3) _____.

(2) Ashok Tankha, Reg. No. 33,802. (4) _____.

Date of Interview: 14 May 2019.

Type: ☑ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☑ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☐103 ☑Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 58,85 and 88.

Identification of prior art discussed: N/A.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Applicant discussed the process of gesture actions for recording a record as following:
Claim 58: PTT => RTR to record the same record with these 2 different modes without lifting the finger
Claim 85: RTR => TTE to record the same record with 2 different stages of the RTR mode (hold to record and then release to record) and end the record with TTE
Claim 88: PTT => RTR => TTE to record the same record as claim 58 and end the record with TTE.

Examiner suggest to claim all the transition details between the recording modes and stages within a single mode and show the Specification supports for each amended claim.

There was no agreement reached..

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiners responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicants correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,-
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicants record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiners version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, Interview Record OK on the paper recording the substance of the interview along with the date and the examiners initials.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

1. **Attachments:** We are transmitting here with the attached papers for the above identified patent application:

- Supplementary response (21 pages).

2. **General Authorization to charge or credit fees:** The Director is hereby authorized to charge any underpayment of fee or any other fee that may be required to deposit account # **600314**.

3. **Certificate Of Transmission Under 37 § CFR 1.8**: The undersigned hereby certifies that this Transmittal Letter and the papers as described in paragraph 1 hereinabove, are being electronically transmitted to the United States Patent and Trademark Office **via the USPTO electronic filing system** on this **27th** day of **May 2019.**

Respectfully submitted,

Date: May 27, 2019

/a tankha/
Ashok Tankha
Attorney For Applicant
Reg. No. 33,802

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Lipton, Weinberger & Husick
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Petitioner Exhibit 1004, Page 487 of 653

Electronic Acknowledgement Receipt

EFS ID:	36118283
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	Ashok Tankha - 36 Greenleigh Drive - Sewell NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	27-MAY-2019
Filing Date:	11-OCT-2013
Time Stamp:	03:20:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Supplemental Response or Supplemental Amendment	KIRU_14NP_US_Supplementary_Response.pdf	108226 f9fcd3a9eec28c7559e31b3339d29693c4ae8557	no	21
Warnings:					
Information:					
2	Transmittal Letter	KIRU-14NP-US_Transmittal_letter.pdf	22117 b91f7bc14861c80800631fd6c155e0fabe0ee48d	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	130343		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

<u>New Applications Under 35 U.S.C. 111</u>
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
<u>National Stage of an International Application under 35 U.S.C. 371</u>
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
<u>New International Application Filed with the USPTO as a Receiving Office</u>
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Amendment to the claims

Claims 1-57 (canceled).

Claim 58 (currently amended): A computer implemented method for recording media data, comprising:

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;

defining one or more interface regions on said graphical user interface of said electronic device by said gesture based media recording application;

detecting a first gesture from among multiple gestures on [[one]] a first of said defined interface regions, by said gesture based media recording application, wherein said first gesture is a press and hold gesture;

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 [[one]] first of said defined interface regions;

dynamically changing, by said gesture based media recording application, functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions;

detecting a second gesture from among said multiple gestures ~~on said one of said defined interface regions~~, 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

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interface regions proximate to said first of said defined interface regions, and wherein said recording of said media data continues uninterrupted during and after performance of said second gesture; and

switching said recording of said media data to a release to record (RTR) recording mode, by said gesture based media recording application, in response to said detection of said second gesture.

Claim 59 (canceled).

Claim 60 (currently amended): The computer implemented method of claim 58, further comprising:

detecting a third gesture from among said multiple gestures ~~on said one of said defined interface regions~~, 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 wherein said recording of said media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device or a server.

Claim 61 (currently amended): The computer implemented method of claim 58, further comprising:

detecting a third gesture from among said multiple gestures on said [[one]] 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 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.

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Claim 62 (currently amended): The computer implemented method of claim 61, 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 wherein said recording of said media data is ended on performing said fourth gesture.

Claim 63 (currently amended): The computer implemented method of claim 62, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device or the server.

Claim 64 (currently amended): The computer implemented method of claim 58, further comprising sending said media data to [[a]] 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.

Claim 65 (previously presented): The computer implemented method of claim 58, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 66 (canceled).

Claim 67 (currently amended): A computer implemented system for recording media data, comprising:

a processor;

a non-transitory computer readable storage medium communicatively coupled to said processor, said non-transitory computer readable storage medium configured

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to store a gesture based media recording application, 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;

said gesture based media recording application comprising:

an interface definition module configured to define a plurality of interface regions on said graphical user interface of said electronic device;

a detection module configured to detect ~~one of~~ a first gesture from among multiple gestures on [[one]] a first of said defined interface regions, wherein said first gesture is a press and hold gesture;

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 [[one]] first of said defined interface regions;

said interface definition module configured to dynamically change functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions;

said detection module further configured to detect a second gesture from among said multiple gestures ~~on said one of said defined interface regions~~, 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 wherein said recording of said media data continues uninterrupted during and after performance of said second gesture; and

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said action management module further configured to switch said recording of media data to a release to record (RTR) recording mode, in response to said detection of said second gesture.

Claim 68 (canceled).

Claim 69 (currently amended): The computer implemented system of claim 67, further comprising:

said detection module further configured to detect a third gesture from among said multiple gestures ~~on said one of said defined interface regions~~, 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 wherein said recording of media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device or a server.

Claim 70 (currently amended): The computer implemented system of claim 67, further comprising:

said detection module further configured to detect a third gesture from among said multiple gestures on said [[one]] second of said defined interface regions, wherein said third gesture is a release gesture from said second of said interface regions, and 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.

Claim 71 (currently amended): The computer implemented system of claim 70, further comprising:

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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 wherein said recording of said media data is ended on performing said fourth gesture.

Claim 72 (currently amended): The computer implemented system of claim 71, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device or the server.

Claim 73 (currently amended): The computer implemented system of claim 67, wherein said gesture based media recording application further comprises a media recording module configured to send said media data to [[a]] 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.

Claim 74 (previously presented): The computer implemented system of claim 67, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 75 (canceled).

Claim 76 (currently amended): A computer program product for recording media data, said computer program product comprising a non-transitory computer readable storage medium, said non-transitory computer readable storage medium storing computer program codes that comprise instructions executable by a processor, said computer program codes comprising:

a first computer program code for defining ~~a plurality of~~ one or more interface regions on a graphical user interface of said electronic device;

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a second computer program code for detecting a first gesture from among multiple gestures on [[one]] a first of said defined interface regions, wherein said first gesture is a press and hold gesture;

a third computer program code for starting said recording of media data in a push to talk (PTT) recording mode, on said detection of said first gesture on said [[one]] first of said defined interface regions;

a fourth computer program code for dynamically changing functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions;

a fifth computer program code for detecting a second gesture from among said multiple gestures ~~on one of said defined interface regions~~, 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 wherein said recording of said media data continues uninterrupted during and after performance of said second gesture; and

a sixth computer program code for switching said recording of media data to a release to record (RTR) recording mode, in response to said detection of said second gesture.

Claim 77 (canceled).

Claim 78 (currently amended): The computer program product of claim 76, further comprising:

a seventh computer program code for detecting a third gesture from among said multiple gestures ~~on said one of said defined interface regions~~, wherein said third

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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 wherein said recording of said media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device or a server.

Claim 79 (currently amended): The computer program product of claim 76, further comprising:

a seventh computer program code for detecting a third gesture from among said multiple gestures on said [[one]] second of said defined interface regions, wherein said third gesture is a release gesture from said second of said defined interface regions, and 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.

Claim 80 (currently amended): The computer program product of claim 79, further comprising:

an eighth computer program code for detecting a fourth gesture from among said multiple gestures on said one of said defined interface regions, wherein said fourth gesture is tap gesture, and wherein said recording of said media data is ended on performing said fourth gesture.

Claim 81 (currently amended): The computer implemented system of claim 80, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device or the server.

Claim 82 (currently amended): The computer program product of claim 76, wherein said computer program codes further comprise a tenth computer program code for sending

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said media data to [[a]] 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.

Claim 83 (canceled).

Claim 84 (previously presented): The computer program product of claim 76, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 85-87 (canceled).

Claim 88 (currently amended): A computer implemented method for recording media data, comprising

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;

defining one or more interface regions on said graphical user interface of said electronic device by said gesture based media recording application;

detecting a first gesture from among multiple gestures on a first of said defined interface regions by said gesture based media recording application, wherein the first gesture is a press and hold gesture;

starting local recording of media data on said electronic device 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,

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wherein there is no transmission of said locally recorded media data to another electronic device or a server upon performing said first gesture;

dynamically changing, by said gesture based media recording application, functions associated with said one or more defined interface regions based on said detected first gesture on said first defined interface region;

detecting a second gesture from among said multiple gestures ~~on one of said defined interface regions~~, by said gesture based media recording application, wherein said second gesture is a slide and release gesture, or a swipe and release 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 wherein said recording of said media data continues uninterrupted during and after performance of said second gesture; and

switching said recording of said media data to a tap to end (TTE) recording mode, by said gesture based media recording application, in response to said detection of said second gesture, by said gesture based media recording application.

Claim 89 (currently amended): The computer implemented method of claim 88, further comprising:

detecting a third gesture from among said multiple gestures on said one or more defined interface regions, by said gesture based media recording application, wherein said third gesture is a tap gesture, and ending said recording of said media data, wherein said recorded media data is one of transmitted to another electronic device or the server, or saved locally.

Claim 90 (currently amended): The computer implemented method of claim 88, further comprising:

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detecting a third gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application, wherein said third gesture is a tap gesture, and cancelling said recording of media data, wherein there is no transmission of already recorded media data to another electronic device or the server.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Supplementary response

Examiner Nguyen:

Further to our telephonic interview on May 14, 2019, please amend the previously filed response to the non-final office action as follows:

Amendment to claims begins on page 2 of this response.

Remarks begin on page 13 of this response.

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Remarks

The Pending Claims

Claims 58-90 are currently pending. Reconsideration and allowance of the pending claims is respectfully requested.

Summary of the Office Action

Claim Rejections - 35 USC § 103

Claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57 are rejected under 35 U.S.C. 103 as being unpatentable over Cranfill et al. ("Cranfill", US PG-Pub. 2011/0249074 A1) in view of Vong et al. ("Vong", US PG-Pub. 2004/0216059 A1).

Claims 9, 29, 38, 52, 55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cranfill in view of Vong, and further in view of Huang et al. ("Huang", US PG-Pub. 2007/0296552 A1).

Amendment to the claims

Claims 58, 60-64, 67, 69-73, 76, 78-82, and 88-90 are currently amended; claims 65, 74, and 84 remain as previously presented; claims 1-57, 59, 66, 68, 75, 77, 83 and 85-87 are canceled.

Support for the amendment: "*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 press and hold gesture*", in claim 1 is found in FIG. 4A and paragraph [0045] of applicant's original application.

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Support for the amendment: "*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 wherein said recording of said media data continues uninterrupted during after performance of said second gesture*", in claim 1 is found atleast in FIG.4C and paragraph [0046] of applicant's original application.

Support for the amendment: "*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 wherein said recording of said media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device*" in claim 60 is found in FIG. 4B and paragraph [0045] of applicant's original application.

Support for the amendment: "*detecting a third gesture from among 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 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*", in claim 61 is found in FIG.4D and paragraph [0046] of applicant's original application.

Support for the amendment: "*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 wherein said recording of said media data is ended on performing said fourth gesture*", in claim 62 is found in paragraph [0046] of applicant's original application.

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Applicant respectfully submits that the claim amendments do not introduce any new subject matter.

Summary of telephonic interview with the examiner

Applicant would like to thank the examiner for providing an opportunity for the telephonic interview on May 14, 2019. Claims 55, 85, and 88 were discussed during the interview. Examiner suggested that:

- Claim 58: PTT => RTR to record the same record with these 2 different modes without lifting the finger
- Claim 85: RTR => TTE to record the same record with 2 different stages of the RTR mode (hold to record and then release to record) and end the record with TTE
- Claim 88: PTT => RTR => TTE to record the same record as claim 58 and end the record with TTE.

Furthermore, examiner suggested to claim all the transition details between the recording modes and stages within a single mode and show the Specification supports for each amended claim.

Response to rejections

The office action states: "**Claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57 are rejected under 35 U.S.C. 103 as being unpatentable over Cranfill et al. ("Cranfill", US PG-Pub. 2011/0249074 A1) in view of Vong et al. ("Vong", US PG-Pub. 2004/0216059 A1).**"

In response to the above rejection, applicant has canceled claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57. Therefore, the rejection of claims 1-6, 17-19, 22-26, 34-35, 39-40, 47-51, 53, 54, 56-57 is moot. However, claim 1 is re-submitted as new

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claim 58 with amendments. Applicant therefore respectfully submits that Cranfill in view of Vong does not teach or suggest the following limitation in new claim 58:

> "**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**;"
>
> "**switching said recording of said media data to a release to record (RTR) recording mode**, by said gesture based media recording application, **in response to said detection of said second gesture**."

Accordingly, claim 58 is non-obvious over Cranfill in view of Vong.

By way of explanation, claim 58 discloses a computer implemented method for recording media data in a plurality of recording modes based on one or more gestures on a graphical user interface of an electronic device. Furthermore, claim 58 discloses that a first of multiple gestures is detected on one of the defined interface regions by the gesture based media recording application. **Upon detection of the first gesture**, the gesture based media recording application **starts recording of media data in a push to talk (PTT) recording mode**. Next, the **functions of the one or more defined interface regions change based on the first gesture**. Next, a **second of the multiple gestures is detected** on one of the defined interface regions. **Upon detection of the second gesture, the gesture based media recording application switches the recording of media data from the push to talk (PTT) recording mode to the release to record (RTR) recording mode**.

For example, a user wishes to switch from the push to talk (PTT) communication mode to the release to record (RTR) communication mode to avoid

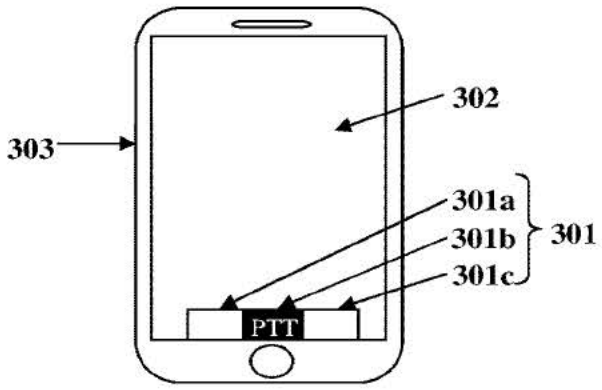


FIG. 4A

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having to continually press the interface region **301** *b* for recording lengthy audio data. When the user performs a press and hold gesture (first gesture) on the interface region **301b** (see **FIG. 4A** of applicant's original application reproduced on this page), the media recording application detects the press and hold gesture (first gesture) on the interface region **301b**. In response to the detection of the press and hold gesture (first gesture), the media recording application starts recording of the media data in the push to talk (PTT) recording mode (= first recording mode); see paragraphs [0044]-[0045] of applicant's original application.

After the user started the recording of the media data in the push to talk (PTT) recording mode, the functions associated with the region **301c** changes to RTR. At this time, the user realizes that the recording will be lengthy, and wishes to continue recording without continually pressing the interface region **301 b**. Therefore, the user slides his/her finger (second gesture) on the GUI **302** from the interface region **301b** to the interface region **301c** (see FIG. **4C** of applicant's original application reproduced on this page). When the media recording application detects the user's slide gesture (second gesture) on the interface region **301c**, it switches the recording mode from push to talk (PTT) recording mode (first recording mode) to release to record (RTR) recording mode (second recording mode); see paragraph [0046] of applicant's original application.

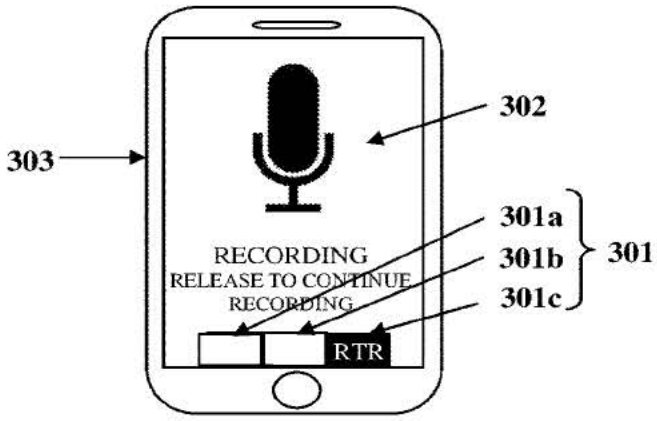


FIG. 4C

Cranfill in view of Vong does not teach or suggest a method for recording media data in a plurality of recording modes based on one or more gestures on a graphical user

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interface of an electronic device. Furthermore, Cranfill in view of Vong does not teach or suggest switching the recording mode from push to talk (PTT) recording mode (first recording mode) to release to record (RTR) recording mode (second recording mode), by the gesture based media recording application, upon detection of the second gesture.

In contrast, Cranfill teaches, *inter alia*, modifying a composite display of a first mobile display that is engaged in a video conference with a second device and the like. Cranfill's menu bar **1155** merely shows the two selectable UI items **1275** and **1246** for accepting and ending a video conferencing call (see Cranfill Figure 12), which amounts to starting and ending the recording of media data. Cranfill does not teach anywhere a gesture based media recording application that records media data in a plurality of recording modes, for example, the push to talk (PTT) recording mode and the release to record (RTR) recording mode. Furthermore, Cranfill does not teach or suggest anywhere switching from the first recording mode (for example the PTT recording mode) to the second recording mode (for example the RTR recording mode) upon detection of the second gesture.

Also, in contrast, Vong teaches, *inter alia*, a control panel unit for a computing device with buttons, wherein upon activation of a button, the viewable states of the buttons change. More specifically, Vong teaches using context sensitive soft labels (such as VIEW, READ, DELETE, OPEN ON PC in display regions 630, 640, 650, 660) which indicate the function, action or task that can be performed in the context of an application limited to messaging, music, calendar or news, when the corresponding button is actuated. Use of context sensitive soft labels of Vong in Cranfill will not result in arriving at the limitations of applicant's claim 1 because Cranfill (a) does not teach or suggest recording the media data in the plurality of recording modes, and (b) does not teach or suggest switching the recording of media data from the push to talk (PTT) recording mode to the release to record (RTR) recording mode upon detection of the second gesture.

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Furthermore, during the interview, examiner suggested that there could be a possible rejection in the voice/video conference application when user switches from normal recording mode (ear holding talking) to Speaker/headphone recording mode during the conversation. In response, applicant presents the following arguments.

In Cranfill, the user has to press and release the UI button 1275 (Accept Button) to start the video conferencing or recording. At best this can be equated to "tap to start (TTS) recording mode". This method step is distinguishable from "push to start (PTT) recording mode. Therefore, Cranfill does not teach or suggest the following limitation in claim 58:

> "**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**;"

Next, when the user switches from handset to speaker, he will again have to tap on the speaker button. This amounts to repeating the "tap to start (TTS)" recording mode with the use of speaker instead of the handset. Therefore, Cranfill, in view of Vong, does not teach or suggest the following limitation in claim 58:

> "**switching said recording of said media data to a release to record (RTR) recording mode**, by said gesture based media recording application, **in response to said detection of said second gesture**."

Therefore, applicant submits that even if Cranfill and Vong are combined as suggested in the office action, there is no reasonable expectation of success in arriving at the following limitations in applicant's claim 58:

> "**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**;"

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"**switching said recording of said media data to a release to record (RTR) recording mode**, by said gesture based media recording application, **in response to said detection of said second gesture**."

Therefore, applicant submits that claim 58 is non-obvious over Cranfill in view of Vong.

Claims 67, 76, and 88 are analogous to claim 58 and recite limitations similar to claim 58. Since claim 58 is non-obvious over Cranfill in view of Vong, applicant submits that the claims 67, 76, and 88 are also non-obvious over Cranfill in view of Vong.

Claims 60-65 are dependent on claim 58. Claims 69-74 are dependent on claim 67. Claims 78-84 are dependent on claim 76. Claims 89-90 are dependent on claim 88. Since claims 58, 67, 76, and 88 are non-obvious over Cranfill in view of Vong, applicant submits that dependent claims 60-65, 69-74, 78-84 and 89-90 are also non-obvious over Cranfill in view of Vong.

The office action further states: "**Claims 9, 29, 38, 52, 55 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cranfill in view of Vong, and further in view of Huang et al. ("Huang", US PG-Pub. 2007/0296552 A1).**"

In response to the above rejection, applicant has cancelled claims 9, 29, 38, 52 and 55. Therefore, the rejection of claims 9, 29, 38, 52 and 55 is moot.

Conclusion

Applicant respectfully requests allowance of claims 58-90. Furthermore, in the interest of compact prosecution, if the prosecution of the application can be advanced or if a claim may be made potentially allowable by an Examiner's amendment, applicant requests Examiner Nguyen to call the undersigned with the proposed amendment.

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Respectfully submitted,

Date: May 27, 2019

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14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 06/13/2019

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EXAMINER	
NGUYEN, TUAN S	

ART UNIT	PAPER NUMBER
2145	

MAIL DATE	DELIVERY MODE
06/13/2019	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Examiner-Initiated Interview Summary	Application No. 14/051,735	Applicant(s) Mumick, Kieraj Singh	
	Examiner TUAN S NGUYEN	Art Unit 2145	AIA (FITF) Status Yes

All participants (applicant, applicant's representative, PTO personnel):

(1) TUAN S. NGUYEN. (3) _____.

(2) Ashok Tankha, Reg. No. 33,802. (4) _____.

Date of Interview: 10 June 2019.

Type: ☑ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☑ No.
If Yes, brief description: _____.

Issues Discussed ☐ 101 ☐ 112 ☐ 102 ☐ 103 ☑ Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 58.

Identification of prior art discussed: N/A.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Examiner discussed to clarify the amended claim and applicant agreed to remove the last limitation of each independent claims..

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	

Remarks

The Pending Claims

Claims 58, 60-65, 67, 69-74, 76, 78-82, 84 and 88-90 are currently pending. Reconsideration and allowance of the pending claims is respectfully requested.

Amendment to the claims

Claims 58, 67, 76, 78 and 88 are currently amended; claims 60-65, 69-74, 79-82, 84 and 89-90 remain as previously presented; claims 1-57, 59, 66, 68, 75, 77, 83 and 85-87 are canceled. Applicant respectfully submits that the claim amendments do not introduce any new subject matter.

Summary of Telephonic Interview on June 10, 2019

Applicant would like to thank the examiner for the telephonic interview on June 10, 2019. During the telephonic call, it was agreed that the last limitation of all the independent claims will be removed.

As per the discussion during the interview on June 10, 2019, applicant has amended the claims by removing the last limitation in each of the independent claims 58, 67, 76 and 88.

Conclusion

Applicant respectfully requests allowance of claims 58, 60-65, 67, 69-74, 76, 78-82, 84 and 88-90. Furthermore, in the interest of compact prosecution, if any further amendments are required, applicant requests Examiner Nguyen to call the undersigned with the proposed amendment.

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Respectfully submitted,

Date: June 19, 2019

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Amendments to the claims

Claims 1-57 (canceled).

Claim 58 (currently amended): A computer implemented method for recording media data, comprising:

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;

defining one or more interface regions on said graphical user interface of said electronic device by said gesture based media recording application;

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;

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;

dynamically changing, by said gesture based media recording application, functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions; and

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

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defined interface regions, and wherein said recording of said media data continues uninterrupted during and after performance of said second gesture~~; and~~

~~switching said recording of said media data to a release to record (RTR) recording mode, by said gesture based media recording application, in response to said detection of said second gesture~~.

Claim 59 (canceled).

Claim 60 (previously presented): The computer implemented method of claim 58, 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 wherein said recording of said media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device or a server.

Claim 61 (previously presented): The computer implemented method of claim 58, further comprising:

detecting a third gesture from among 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 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.

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Claim 62 (previously presented): The computer implemented method of claim 61, 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 wherein said recording of said media data is ended on performing said fourth gesture.

Claim 63 (previously presented): The computer implemented method of claim 62, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device or the server.

Claim 64 (previously presented): The computer implemented method of claim 58, 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.

Claim 65 (previously presented): The computer implemented method of claim 58, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 66 (canceled).

Claim 67 (currently amended): A computer implemented system for recording media data, comprising:

a processor;

a non-transitory computer readable storage medium communicatively coupled to said processor, said non-transitory computer readable storage medium configured

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to store a gesture based media recording application, 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;

said gesture based media recording application comprising:

an interface definition module configured to define a plurality of interface regions on said graphical user interface of said electronic device;

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;

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;

said interface definition module configured to dynamically change functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions; and

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 wherein said recording of said media data continues uninterrupted during and after performance of said second gesture~~; and~~

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~~said action management module further configured to switch said recording of media data to a release to record (RTR) recording mode, in response to said detection of said second gesture~~.

Claim 68 (canceled).

Claim 69 (previously presented): The computer implemented system of claim 67, 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 wherein said recording of media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device or a server.

Claim 70 (previously presented): The computer implemented system of claim 67, further comprising:

said detection module further configured 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 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.

Claim 71 (previously presented): The computer implemented system of claim 70, further comprising:

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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 wherein said recording of said media data is ended on performing said fourth gesture.

Claim 72 (previously presented): The computer implemented system of claim 71, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device or the server.

Claim 73 (previously presented): The computer implemented system of claim 67, 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.

Claim 74 (previously presented): The computer implemented system of claim 67, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 75 (canceled).

Claim 76 (currently amended): A computer program product for recording media data, said computer program product comprising a non-transitory computer readable storage medium, said non-transitory computer readable storage medium storing computer program codes that comprise instructions executable by a processor, said computer program codes comprising:

a first computer program code for defining one or more interface regions on a graphical user interface of said electronic device;

Petitioner Exhibit 1004, Page 520 of 653

a second computer program code for detecting 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;

a third computer program code for starting 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;

a fourth computer program code for dynamically changing functions associated with said one or more defined interface regions based on said detected first gesture on said one of said defined interface regions; and

a fifth computer program code for detecting 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 wherein said recording of said media data continues uninterrupted during and after performance of said second gesture~~; and~~

~~a sixth computer program code for switching said recording of media data to a release to record (RTR) recording mode, in response to said detection of said second gesture~~.

Claim 77 (canceled).

Claim 78 (currently amended): The computer program product of claim 76, further comprising:

a ~~seventh~~ sixth computer program code for detecting 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

Petitioner Exhibit 1004, Page 521 of 653

third of said defined interface regions proximate to said first of said defined interface regions, and wherein said recording of said media data is canceled on performing said third gesture, and wherein there is no transmission of already recorded media data to another electronic device or a server.

Claim 79 (previously presented): The computer program product of claim 76, further comprising:

a seventh computer program code for detecting 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 defined interface regions, and 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.

Claim 80 (previously presented): The computer program product of claim 79, further comprising:

an eighth computer program code for detecting a fourth gesture from among said multiple gestures on said one of said defined interface regions, wherein said fourth gesture is tap gesture, and wherein said recording of said media data is ended on performing said fourth gesture.

Claim 81 (previously presented): The computer implemented system of claim 80, wherein said recorded media data is one or more of saved locally, deleted, or transmitted to another electronic device or the server.

Claim 82 (previously presented): The computer program product of claim 76, wherein said computer program codes further comprise a tenth computer program code for 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

Petitioner Exhibit 1004, Page 522 of 653

recording of said media data, and (c) after completion of said recording of said media data.

Claim 83 (canceled).

Claim 84 (previously presented): The computer program product of claim 76, wherein said media data comprises one of audio data, video data, audiovisual data, image data, multimedia data, and any combination thereof.

Claim 85-87 (canceled).

Claim 88 (currently amended): A computer implemented method for recording media data, comprising

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;

defining one or more interface regions on said graphical user interface of said electronic device by said gesture based media recording application;

detecting a first gesture from among multiple gestures on a first of said defined interface regions by said gesture based media recording application, wherein the first gesture is a press and hold gesture;

starting local recording of media data on said electronic device 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, wherein there is no transmission of said locally recorded media data to another electronic device or a server upon performing said first gesture;

Petitioner Exhibit 1004, Page 523 of 653

dynamically changing, by said gesture based media recording application, functions associated with said one or more defined interface regions based on said detected first gesture on said first defined interface region; and

detecting a second gesture from among said multiple gestures, by said gesture based media recording application, wherein said second gesture is a slide and release gesture, or a swipe and release 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 wherein said recording of said media data continues uninterrupted during and after performance of said second gesture~~; and~~

~~switching said recording of said media data to a tap to end (TTE) recording mode, by said gesture based media recording application, in response to said detection of said second gesture, by said gesture based media recording application~~.

Claim 89 (previously presented): The computer implemented method of claim 88, further comprising:

detecting a third gesture from among said multiple gestures on said one or more defined interface regions, by said gesture based media recording application, wherein said third gesture is a tap gesture, and ending said recording of said media data, wherein said recorded media data is one of transmitted to another electronic device or the server, or saved locally.

Claim 90 (previously presented): The computer implemented method of claim 88, further comprising:

detecting a third gesture from among said multiple gestures on said one of said defined interface regions, by said gesture based media recording application, wherein said third gesture is a tap gesture, and cancelling said recording of media

Petitioner Exhibit 1004, Page 524 of 653

data, wherein there is no transmission of already recorded media data to another electronic device or the server.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Second supplementary response

Examiner Nguyen:

Further to the telephonic interview on June 10, 2019, please amend the previously filed supplementary response as follows:

Amendment to claims begins on page 2 of this response.

Remarks begin on page 13 of this response.

Petitioner Exhibit 1004, Page 526 of 653

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

1. **Attachments:** We are transmitting here with the attached papers for the above identified patent application:

- Supplementary response (14 pages).

2. **General Authorization to charge or credit fees:** The Director is hereby authorized to charge any underpayment of fee or any other fee that may be required to deposit account # **600314**.

3. **Certificate Of Transmission Under 37 § CFR 1.8**: The undersigned hereby certifies that this Transmittal Letter and the papers as described in paragraph 1 hereinabove, are being electronically transmitted to the United States Patent and Trademark Office **via the USPTO electronic filing system** on this **19th** day of **June 2019.**

Respectfully submitted,

Date: June 19, 2019

/a tankha/
Ashok Tankha
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Email: ash@ipprocurement.com

Petitioner Exhibit 1004, Page 527 of 653

Electronic Acknowledgement Receipt

EFS ID:	36339784
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	Ashok Tankha - 36 Greenleigh Drive - Sewell NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	19-JUN-2019
Filing Date:	11-OCT-2013
Time Stamp:	02:20:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Supplemental Response or Supplemental Amendment	KIRU_14NP_US_Supplementary_Response.pdf	60294 e484c4c0e32a11be3fd5085bd12f7bb020885e65	no	14
Warnings:					
Information:					
2	Transmittal Letter	KIRU_14NP_US_Transmittal_letter.pdf	21756 95cf17a88ebd548bf58c9665ed44624a8810e295	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	82050		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Notice of References Cited	Application/Control No. 14/051,735	Applicant(s)/Patent Under Reexamination Mumick, Kieraj Singh	
	Examiner TUAN S NGUYEN	Art Unit 2145	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20130253936-A1	09-2013	Harvey; Delroy	G04G13/00	704/270.1
*	B	US-20110306894-A1	12-2011	Spaulding; Randol R.	A61B5/0006	600/515
*	C	US-20120311499-A1	12-2012	Dellinger; Richard R.	H04N5/23206	715/835
*	D	US-20080122796-A1	05-2008	Jobs; Steven P.	G06F3/0488	345/173
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	**Art Unit**
	TUAN S NGUYEN	2145

CPC							
Symbol						**Type**	**Version**
G06F	/	3	/	0488		F	2013-01-01
G06F	/	3	/	0484		I	2013-01-01
G06F	/	3	/	0487		I	2013-01-01
H04M	/	1	/	656		I	2013-01-01
G06F	/	3	/	04883		I	2013-01-01
H04M	/	2250	/	22		A	2013-01-01

CPC Combination Sets								
Symbol						**Type**	**Set**	**Ranking**	**Version**
	/		/						

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	24	
/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	23 July 2019	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	4B

U.S. Patent and Trademark Office — Part of Paper No.: 20190723

Petitioner Exhibit 1004, Page 531 of 653

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	**Art Unit**
	TUAN S NGUYEN	2145

INTERNATIONAL CLASSIFICATION				
CLAIMED				
G06F	/	3	/	0488

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

CROSS REFERENCES(S)						
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**					

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	24	
/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	23 July 2019	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	4B

U.S. Patent and Trademark Office — Part of Paper No.: 20190723

Petitioner Exhibit 1004, Page 532 of 653

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	**Art Unit**
	TUAN S NGUYEN	2145

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		13		25		37		49	3	61	13	73		85
	2		14		26		38		50	4	62	14	74		86
	3		15		27		39		51	5	63		75		87
	4		16		28		40		52	6	64	15	76	22	88
	5		17		29		41		53	7	65		77	23	89
	6		18		30		42		54		66	16	78	24	90
	7		19		31		43		55	8	67	17	79		
	8		20		32		44		56		68	18	80		
	9		21		33		45		57	9	69	19	81		
	10		22		34		46	1	58	10	70	20	82		
	11		23		35		47		59	11	71		83		
	12		24		36		48	2	60	12	72	21	84		

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	24	
/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	23 July 2019	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	4B

U.S. Patent and Trademark Office

Part of Paper No.: 20190723

Petitioner Exhibit 1004, Page 533 of 653

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 07/26/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

EXAMINER	
NGUYEN, TUAN S	
ART UNIT	PAPER NUMBER
2145	

DATE MAILED: 07/26/2019

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

TITLE OF INVENTION: Multi-gesture Media Recording System

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	10/28/2019

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

Petitioner Exhibit 1004, Page 534 of 653

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 07/26/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

TITLE OF INVENTION: Multi-gesture Media Recording System

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	10/28/2019

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, TUAN S	2145	715-716000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. Fees submitted: ❑ Issue Fee ❑ Publication Fee (if required) ❑ Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

❑ Applicant asserting small entity status. See 37 CFR 1.27

❑ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

Petitioner Exhibit 1004, Page 535 of 653

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 07/26/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

EXAMINER	
NGUYEN, TUAN S	
ART UNIT	PAPER NUMBER
2145	

DATE MAILED: 07/26/2019

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

PTOL-85 (Rev. 02/11)

Petitioner Exhibit 1004, Page 536 of 653

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 14/051,735	Applicant(s) Mumick, Kieraj Singh	
	Examiner TUAN S NGUYEN	Art Unit 2145	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☑ This communication is responsive to 06/19/2019.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☑ The allowed claim(s) is/are See Continuation Sheet . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see **http://www.uspto.gov/patents/init_events/pph/index.jsp** or send an inquiry to **PPHfeedback@uspto.gov.**

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:

   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file areply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☑ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☑ Interview Summary (PTO-413), Paper No./Mail Date. 06/10/2019.
5. ☐ Examiner's Amendment/Comment
6. ☐ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/TUAN S NGUYEN/
Primary Examiner, Art Unit 2145

Continuation of 3. The allowed claim(s) is/are: 58,60-65,67,69-74,76,78-82,84 and 88-90

Bibliographic Data

Application No: 14/051,735

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /TUAN S NGUYEN/ Examiner's Signature | Initials

Title: Multi-gesture Media Recording System

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
10/11/2013	715	2145	KIRU-14NP-US
RULE			

APPLICANTS

INVENTORS

Kieraj Singh Mumick Berkeley Heights, NJ, UNITED STATES

CONTINUING DATA

This application has PRO of 61713635 10/15/2012

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

10/28/2013

** SMALL ENTITY **

STATE OR COUNTRY

UNITED STATES

ADDRESS

Ashok Tankha
36 Greenleigh Drive
Sewell, NJ 08080
UNITED STATES

FILING FEE RECEIVED

$2,160

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	Art Unit
	TUAN S NGUYEN	2145

CPC - Searched*		
Symbol	Date	Examiner
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	7/22/2016	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	1/24/2017	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	7/21/2017	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	11/20/2018	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	07/23/2019	TN

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/TUAN S NGUYEN/ Primary Examiner.Art Unit 2145	

Petitioner Exhibit 1004, Page 541 of 653

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	Art Unit
	TUAN S NGUYEN	2145

Search Notes		
Search Notes	**Date**	**Examiner**
Conduct EAST inventor name search	7/22/2016	TN
Conduct EAST search	7/22/2016	TN
Conduct EAST search	1/24/2017	TN
Conduct EAST search	7/21/2017	TN
Conduct EAST search	04/17/2018	TN
Conduct EAST search	11/20/2018	TN
Conduct EAST and Google search	07/23/2019	TN

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
	See interference search attached	7/22/2016	TN
	See interference search attached	07/23/2019	TN

/TUAN S NGUYEN/ Primary Examiner.Art Unit 2145	

Petitioner Exhibit 1004, Page 542 of 653

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	55	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$ or US-20110306894-$ or US-20100054086-$ or US-20170095736-$ or US-20170048221-$ or US-20160105382-$ or US-20140365884-$ or US-20020173299-$ or US-20180069815-$ or US-20080285731-$ or US-20160036734-$ or US-20040201752-$ or US-20140152758-$ or US-20120182141-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$ or US-8154418-$ or US-8054954-$).did.	US-PGPUB; USPAT	OR	ON	2019/07/23 15:48
L3	6	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2019/07/23 15:59
L4	42	KIRUSA.as.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:06
L5	42	3 4	US-PGPUB; USPAT	OR	ON	2019/07/23 16:06
L6	0	L5 and ((media near record$4) and (press near hold near gesture) and PTT and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:09
L7	0	L5 and ((media near record$4) and (press near hold near gesture) and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:10
L11	0	L5 and ((media near record$4) and (press near hold) and PTT and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:12

L12	1	L5 and ((media near record$4) and (press near hold) and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:12
S2	3	("20080165141" "20110261213" "20100309148").pn.	US-PGPUB; USPAT	OR	ON	2016/05/19 16:17
S3	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/05/19 16:18
S4	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/06/21 11:59
S5	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/06/21 12:03
S6	1	S5 and (communication near mode with gesture and recording).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 12:03
S7	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:23
S8	1	S7 and (defin$4 with region).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:23
S9	1	S7 and (associat$4 near function with region).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:24
S10	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:55
S11	864	S10 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/21 14:56
S12	699	S11 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/21 14:57
S13	0	"L6" and (communication near mode with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:26
S14	4	"L6" and (communication with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:27
S15	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S16	864	S15 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S17	699	S16 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S18	0	S17 and (communication with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S19	93	S17 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S20	100	S17 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 13:26
S21	0	S20 and (communication near mode)	US-PGPUB; USPAT	OR	ON	2016/06/22 13:27
S22	3	("20080165141" "20110261213" "20100309148").pn.	US-PGPUB; USPAT	OR	ON	2016/06/22 13:31
S23	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S24	864	S23 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S25	699	S24 and @ad<"20121015"	US-PGPUB;	OR	ON	2016/06/22

			USPAT			15:04
S26	100	S25 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S27	13	S26 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S28	0	S25 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:16
S29	9	S25 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:17
S30	77557	((media audio video) with record$4 with application)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:25
S31	568	S30 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:26
S32	464	S31 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 15:27
S33	267	S32 and ((cancel$4 terminat$4 end$4 trigger$4 activat$4 execut$4) with record$4)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:30
S34	130	S33 and ((chang$4 updat$4) with (option menu selection button))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:31
S35	43	S33 and ((chang$4 updat$4) with (option menu selection button) with (state stage))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:38
S36	4	S35 and ((display$4 present$4) with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:39
S37	4116	((media audio video) with record$4 with (application app) with mobile)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S38	1038	S37 and ((display$4 present$4) with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S39	519	S38 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S40	0	S39 and ((chang$4 updat$4 present$4) with (option menu selection button) with (operat$4 near record$4))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:46
S41	9	S39 and ((chang$4 updat$4 present$4) with (option menu selection button) with operat$4 with (application app))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:47
S42	3	("20080165141" | "20110261213" | "20100309148").PN.	US-PGPUB; USPAT	OR	ON	2016/07/14 14:12
S43	4178	((media audio video) with record$4 with (application app) with mobile)	US-PGPUB; USPAT	OR	ON	2016/07/14 14:54
S44	1925	S43 and (microphone)	US-PGPUB; USPAT	OR	ON	2016/07/14 14:54
S45	26	S44 and ((tap near (start talk end) push near talk (release hold) near (record stop cancel)))	US-PGPUB; USPAT	OR	ON	2016/07/14 15:02
S46	127	((media video audio) with (record$4) near (application software app) with (menu option))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:26

S47	255	((media video audio) with (record$4) near (application software app) with (menu option button icon))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:28
S48	184	S47 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 12:28
S49	11	S48 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:30
S50	53390	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:38
S51	573	S50 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:39
S52	379	S51 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 12:39
S53	18	S52 and ((PTT HTR RTS RTR TTS) with (gesture slid$4 switch$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:40
S54	1303	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with gesture)	US-PGPUB; USPAT	OR	ON	2016/07/18 13:55
S55	7526	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:55
S56	5242	S55 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 13:56
S57	41	S56 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:57
S58	4	S57 and ((PTT HTR RTS RTR TTS) with (gesture slid$4 switch$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:58
S59	7526	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 16:49
S60	5242	S59 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 16:49
S61	11	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$).did.	US-PGPUB	OR	ON	2016/07/20 15:01
S62	7533	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02
S63	5242	S62 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02
S64	5046	S63 and ((switch$4 gestur$4 slid$4) with (menu button option mode) with (communication camera capture record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02
S65	1277	S63 and ((gesture touch$6 tap$4) with (switch$4 slid$4 chang$4) with (menu button option mode) with	US-PGPUB; USPAT	OR	ON	2016/07/20 15:28

		(communication camera capture record$4))				
S66	412	S65 and ((media video audio voice) with (record$4) with (microphone camera))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:30
S67	79	S65 and ((media video audio voice) with (record$4) with (microphone camera) with (interface GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:35
S68	1	S67 and (communication near mode)	US-PGPUB; USPAT	OR	ON	2016/07/20 15:47
S69	30	S67 and ((select$4 tap$4) with (camera microphone) with record$4)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:01
S70	0	"Apple.as" and ((camera microphone) with mode)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:10
S71	6804	((camera microphone) with (menu selection near mode record$4 option) with touch$7)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:11
S72	4463	S71 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 16:13
S73	114	S72 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:31
S74	7	S73 and ((camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:33
S75	1821	(touch$7 with (camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:50
S76	954	S75 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 16:51
S77	10	S76 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel hold pause re?record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:51
S78	0	"Apple.as" and (touch$7 with (camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:07
S79	0	"Apple.as" and ((camera microphone) near (interface UI "user interface" GUI) with icon)	US-PGPUB; USPAT	OR	ON	2016/07/20 17:08
S80	25	Apple.as. and ((camera microphone) near (interface UI "user interface" GUI) with icon)	US-PGPUB; USPAT	OR	ON	2016/07/20 17:41
S81	13	S80 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 17:42
S82	23	S80 and (@ad<"20121015" @rlad<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/20 17:45
S83	0	S82 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:47
S84	41	Apple.as. and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel hold pause re?record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:48
S85	39	S84 and (@ad<"20121015" @rlad<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/20 17:50
S86	27	S84 and (@ad<"20121015")	US-PGPUB;	OR	ON	2016/07/20

			USPAT			18:45
S87	1	"20110249075".pn.	US-PGPUB; USPAT	OR	ON	2016/07/20 19:30
S88	1	"20110249074".pn.	US-PGPUB; USPAT	OR	ON	2016/07/20 19:30
S89	19	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$).did. or (US-6763226-$ or US-8502856-$).did.	US-PGPUB; USPAT	OR	ON	2016/07/21 10:12
S90	12	(camera near (menu option) with (video photo pano square slo?mo)) and Apple.as.	US-PGPUB; USPAT	OR	ON	2016/07/21 14:51
S91	7	S90 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 14:52
S92	7	S90 and (@ad<"20121015" @rlpd<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/21 14:54
S93	40945	((audio voice) with (microphone record$4 memo) with message)	US-PGPUB; USPAT	OR	ON	2016/07/21 16:29
S94	6472	((audio voice) with (record$4 conference IM) with (user near interface UI GUI))	US-PGPUB; USPAT	OR	ON	2016/07/21 16:31
S95	4984	S94 and (@ad<"20121015" @rlpd<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/21 16:31
S96	19	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$).did. or (US-6763226-$ or US-8502856-$).did.	US-PGPUB; USPAT	OR	ON	2016/07/21 16:40
S97	8	S96 and (user near (preference specif$4))	US-PGPUB; USPAT	OR	ON	2016/07/21 16:40
S98	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:34
S99	2	("20040225502" "20110075818").pn.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:41
S100	1	S98 and (gesture with (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:46
S101	1	S98 and (gesture and (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:47
S102	129628	((media audio voice video) with (record$4 captur$4 camera microphone) with (application app))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:19

S103	11771	((media audio voice video) with (record$4 captur$4 camera microphone) with (application app) with (user near interface GUI UI interface))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:20
S104	427	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:21
S105	7	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) with (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:22
S106	5	S105 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 22:22
S107	229	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) and (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:35
S108	19	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) same (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:35
S109	7	S108 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 22:36
S110	176	((menu function) with dynamically near chang$4 with (mode user near references))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:35
S111	121	S110 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 00:36
S112	2	((menu function) with dynamically near chang$4 with (communication near mode user near references))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:37
S113	0	S112 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 00:37
S114	6	S111 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:39
S115	352	((menu function) with dynamically near chang$4 with (communication near mode user near references application))	US-PGPUB; USPAT	OR	ON	2016/07/22 01:49
S116	0	((menu function) with dynamically near chang$4 with (communication near mode user near references application) with "same" near (key icon button))	US-PGPUB; USPAT	OR	ON	2016/07/22 01:58
S117	2	((menu function) with dynamically near chang$4 with (communication near mode user near references application) with "same" with (key icon button))	US-PGPUB; USPAT	OR	ON	2016/07/22 01:59
S118	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/07/22 02:43
S119	1	S118 and (user near preference)	US-PGPUB; USPAT	OR	ON	2016/07/22 02:43
S130	13	(assign$4 with (pre?defined near function) with (key menu))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:18
S131	12	S130 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:18
S132	11	((assign$4 delegat$4) with (pre?defined	US-PGPUB;	OR	ON	2016/07/22

		near function) with (blank empty) near (key menu near space))	USPAT			04:27
S133	10	S132 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:27
S134	11	((assign$4 delegat$4 drag$4) with (pre?defined near function) with (blank empty) near (key menu near space))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:29
S135	10	S134 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:29
S136	11	((assign$4 delegat$4 drag$4) with (pre?defined near (function menu)) with (blank empty) near (key space slot))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:31
S137	75	((assign$4 delegat$4 drag$4) with (function) with (blank empty) near (key space slot))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/07/22 04:32
S138	61	S137 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:33
S139	27	S138 and (universal near remote)	US-PGPUB; USPAT	OR	ON	2016/07/22 04:37
S140	15	((assign$4 delegat$4 drag$4) with (function) with (blank empty) near (key space slot)) same (universal near remote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/07/22 04:38
S141	13	S140 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:39
S142	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/07/22 06:14
S143	1	S142 and (non?transitory with medium)	US-PGPUB; USPAT	OR	ON	2016/07/22 06:14
S144	24	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$).did.	US-PGPUB; USPAT	OR	ON	2016/07/22 07:23
S145	25	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$	US-PGPUB; USPAT	OR	ON	2016/07/22 07:25

		or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$).did.				
S148	26	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2017/01/23 13:43
S149	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) with communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S150	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) same communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S151	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) and communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S152	79	(chang$4 with dynamic$4 with (state status) near (button icon menu))	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16
S153	5	(chang$4 with dynamic$4 with (state status) near (button icon menu) with mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16
S154	5	S153 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16
S155	24829	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17
S156	0	S155 and (chang$4 with dynamic$4 with (state status) near (button icon menu) with mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17
S157	28	S155 and (chang$4 with dynamic$4 with (state status) near (button icon menu))	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17
S158	28	S157 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 14:18
S159	1125	(chang$4 with (state status user near interface) near (button icon menu submenu) with (select$4 option click))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:38
S160	876	S159 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40

S161	37	(chang$4 near dynamic$4 with (state status user near interface) near (button icon menu submenu) with (select$4 option click))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40
S162	35	S161 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40
S163	0	(chang$4 near dynamic$4 with (state user near interface) near (button icon menu submenu) with (select$4 option click) near (parent root))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:49
S164	109	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:59
S165	86	S164 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:59
S167	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) near mode near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:32
S168	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) with mode near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:33
S169	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:33
S170	2	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) with record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:35
S171	1	S170 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/24 09:36
S172	1	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:38
S173	1	(chang$4 near dynamic$4 with (state user near interface context) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:44
S174	1	(chang$4 near dynamic$4 with (state user near interface context) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:45
S175	1	(chang$4 near dynamic$4 with (state user near interface context) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:46
S176	91	(chang$4 near dynamic$4 with (state user near interface context) with record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 10:06
S177	8	(chang$4 near dynamic$4 with (state user near interface context) with record$4 with (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 10:06
S178	5	S177 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/24 10:10
S179	29	(US-20100309148-$ or US-	US-PGPUB;	OR	ON	2017/07/20

		20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	USPAT			09:16
S181	25548	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2017/07/20 11:12
S182	1173	S181 and (chang$4 with (state user near interface) with (button icon menu submenu))	US-PGPUB; USPAT	OR	ON	2017/07/20 11:13
S183	1	"20040216059".pn.	US-PGPUB; USPAT	OR	ON	2017/07/20 15:31
S184	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2017/07/20 15:37
S185	0	S184 and (chang$4 with (state user near interface) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/07/20 15:37
S186	10	S184 and (chang$4 with (state user near interface) with (button icon menu submenu))	US-PGPUB; USPAT	OR	ON	2017/07/20 15:38
S187	10	S186 and (touch$4 touchscreen touch near screen touch?screen)	US-PGPUB; USPAT	OR	ON	2017/07/20 15:53
S189	1	"20130052982".pn.	US-PGPUB; USPAT	OR	ON	2017/07/21 14:54
S190	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-	US-PGPUB; USPAT	OR	ON	2018/04/17 13:20

		20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.				
S191	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2018/04/17 13:44
S194	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2018/11/20 09:33
S195	27325	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2018/11/20 12:49
S196	0	S195 and ((switching chang$4) with recording near mode with (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 12:49
S197	1	((switching chang$4) with recording	US-PGPUB;	OR	ON	2018/11/20

		near mode with (PTT push near talk) with (hand?free near recording RTR release near talk))	USPAT			12:50
S198	1	S197 and (recording near mode)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:02
S199	1	S197 and (recording adj mode)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:04
S200	1	(recording near modes with (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:25
S201	1	(recording near modes with (PTT push near talk) with (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:25
S202	1	(recording near modes with (PTT push near talk) same (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:26
S203	10648	(recording near modes same (PTT push near talk) (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:26
S204	1	(recording near modes same (PTT push near talk) and (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:27
S205	1	((switching chang$4) with recording near modes same (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:29
S206	1	((switching chang$4) with recording near modes and (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:29
S207	500	((switching chang$4) with recording near modes with (record conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:33
S208	1	((switching chang$4) with recording near modes with "same" near (record conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:34
S209	365	((switching chang$4) with recording near modes with (button icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:42
S210	267	S209 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:47
S211	0	S210 and ((PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:49
S212	0	S210 and ((PTT push near talk) and (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:49
S213	2	S210 and ((PTT push near talk) (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:50
S214	200	((PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:55
S215	182	S214 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:55
S216	0	S215 and ((switching chang$4) with recording near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:55
S217	36	S215 and ((switching chang$4) with	US-PGPUB;	OR	ON	2018/11/20

		modes)	USPAT			13:56
S218	126	((PTT push near talk) with (hand?free near recording RTR release near record))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:57
S219	30	S218 and ((switching chang$4) with modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:57
S220	29	S219 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:58
S221	3463	((voice memo media video) near record$4 with((Hold release hand?free) near record$4 HTR RTR))	US-PGPUB; USPAT	OR	ON	2018/11/20 14:49
S222	3463	((voice memo media video) near record$4 with ((Hold release hand?free) near record$4 HTR RTR))	US-PGPUB; USPAT	OR	ON	2018/11/20 14:50
S223	3006	S222 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 14:53
S224	137	S223 and ((switching chang$4) with record$4 near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 14:54
S225	136	S224 and ((voice memo media) near record$4)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S226	0	S224 and ((voice memo media) near record$4 with microphone near lable)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S227	0	S224 and ((voice memo media) near record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S228	45172	((voice memo) near record$4)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:30
S229	1514	((voice memo) near record$4 with modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S230	94	S229 and ((switching chang$4) with record$4 near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S231	85	S230 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S232	1	S231 and ((Hold release hand?free) near record$4 HTR RTR)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:34
S233	61	S229 and ((Hold release hand?free) near record$4 HTR RTR)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:40
S234	60	S233 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 15:40
S235	103	((switching chang$4) with (communication conversation) near modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:27
S236	81	S235 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S237	0	S236 and ((phone dial) near application)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S238	0	S236 and ((phone dial) near (application app))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S239	29976	((phone dial) near (application app))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S240	660	((phone dial) near (application app) with menu)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29
S241	0	S240 and ((switching chang$4) with (communication conversation) near modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29

S242	2	S240 and ((switching chang$4) with modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29
S243	0	S242 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:30
S244	38	S240 and ((record speaker mute end) near menu)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:33
S245	14	S244 and @rlad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:34
S246	26	S244 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:34
S247	219	S239 and ((record speaker mute end) near (menu icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:38
S248	102	S247 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:39
S249	116	S239 and ((record speaker) near (menu icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:57
S250	61	S249 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:57
S251	36	S250 and (record$4 near (voice memo conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:58
S252	40	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$).did.	US-PGPUB; USPAT	OR	ON	2018/11/20 17:46
S255	40	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$	US-PGPUB; USPAT	OR	ON	2019/05/14 09:29

		or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$).did.				
S257	40	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$).did.	US-PGPUB; USPAT	OR	ON	2019/06/07 11:42
S259	474	((press$4 push$4) near hold with record$4)	US-PGPUB; USPAT	OR	ON	2019/06/10 14:54
S260	53	((press$4 push$4) near hold with record$4 near (voice video memo))	US-PGPUB; USPAT	OR	ON	2019/06/10 14:56
S261	4	S260 and ((releas$4 lift$4) with (stop dismiss) near record$4)	US-PGPUB; USPAT	OR	ON	2019/06/10 15:00
S262	3	S261 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/06/10 15:00
S263	2005	((RTR "release to record" releas$4) with record$4 near (voice video memo))	US-PGPUB; USPAT	OR	ON	2019/06/10 15:39
S264	18	S260 and ((RTR "release to record" releas$4) with record$4 near (voice video memo))	US-PGPUB; USPAT	OR	ON	2019/06/10 15:40
S265	5	S264 and @rlad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/06/10 15:57
S266	46	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$	US-PGPUB; USPAT	OR	ON	2019/06/20 10:19

		or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$ or US-20110306894-$ or US-20100054086-$ or US-20170095736-$ or US-20170048221-$ or US-20160105382-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$ or US-8154418-$).did.				
S267	53	((press$4 push$4) near hold with record$4 near (voice video memo))	US-PGPUB; USPAT	OR	ON	2019/06/20 10:45
S268	14	S267 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/06/20 10:45
S269	0	((press$4 push$4) near hold with record$4 near (voice video memo) with (chat$4 SMS messenger) with microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:05
S270	1	((press$4 push$4) near hold with record$4 near (voice video memo) with (chat$4 SMS messenger))	US-PGPUB; USPAT	OR	ON	2019/06/20 12:05
S271	84	(record$4 near (voice video memo) with (chat$4 SMS messenger) with microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:11
S272	26	S271 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/06/20 12:11
S273	2188	(record$4 near (voice video memo) with (chat$4 SMS messenger))	US-PGPUB; USPAT	OR	ON	2019/06/20 12:16
S274	0	S273 and ((press$4 push$4) near hold with microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/06/20 12:17
S275	1	S273 and ((press$4 push$4) near hold with microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:17
S276	0	S272 and ((press$4 push$4) near hold with microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:31
S277	26	S272 and (microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:31
S278	1	S272 and (microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/06/20 12:31
S280	1205	(voice near record$4 with (SMS messenger IM chat$4))	US-PGPUB; USPAT	OR	ON	2019/07/22 11:23
S281	0	S280 and (hold near microphone with record$4)	US-PGPUB; USPAT	OR	ON	2019/07/22 11:29
S282	0	S280 and (hold near microphone with (record$4 talk$4))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:16
S283	379	S280 and (microphone with (record$4 talk$4 speak$4))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:17

S284	167	S283 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/22 12:26
S285	0	S284 and ((push press) near hold near microphone)	US-PGPUB; USPAT	OR	ON	2019/07/22 12:32
S286	0	S284 and ((push press) near hold with microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:36
S287	4	S284 and (microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:39
S288	4	(microphone near (button icon) with (SMS messenger IM chat$4) with (UI user near interface))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:43
S289	2253	((microphone voice) with (SMS messenger IM chat$4) with (UI user near interface))	US-PGPUB; USPAT	OR	ON	2019/07/22 14:30
S290	0	S289 and ((push press) near hold with microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/07/22 14:32
S291	18	S289 and (microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/07/22 14:33
S292	7	S291 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/22 14:34
S293	7	S291 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/22 14:35
S294	161392	("20040047344")".pn"	US-PGPUB; USPAT	OR	ON	2019/07/22 14:40
S295	1	"20040047344".pn.	US-PGPUB; USPAT	OR	ON	2019/07/22 14:41
S296	1	(microphone with imessage)	US-PGPUB; USPAT	OR	ON	2019/07/22 15:50
S297	23	(microphone with message near (UI user near interface))	US-PGPUB; USPAT	OR	ON	2019/07/22 15:54
S298	13	S297 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/22 15:55
S299	28237	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2019/07/23 09:57
S300	1568	S299 and (microphone with record$4)	US-PGPUB; USPAT	OR	ON	2019/07/23 09:57
S301	2	S300 and ((push press tap) near hold$4 with microphone with (talk$4 speak$4 record$4))	US-PGPUB; USPAT	OR	ON	2019/07/23 09:58
S302	2551	(microphone with record$4 with (touchscreen touch$4))	US-PGPUB; USPAT	OR	ON	2019/07/23 10:24
S303	4	S302 and ((push press tap) near hold$4 with microphone with (talk$4 speak$4 record$4))	US-PGPUB; USPAT	OR	ON	2019/07/23 10:25
S304	0	S303 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/23 10:26
S305	995	S302 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/23 10:28
S306	0	S305 and ((push press tap) near hold$4 with microphone)	US-PGPUB; USPAT	OR	ON	2019/07/23 10:30
S307	71	S305 and ((push press tap) with microphone)	US-PGPUB; USPAT	OR	ON	2019/07/23 10:38
S308	14	S305 and ((push press tap) near hold$4)	US-PGPUB; USPAT	OR	ON	2019/07/23 10:38

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"Term Removed"	US-PGPUB	OR	ON	2019/07/23 15:48
L8	0	((media near record$4) and (press near hold near gesture) and PTT and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:10
L9	0	((media near record$4) and (press near hold near gesture) and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:10
L10	1	((media near record$4) and (press near hold) and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:11
S120	1045	(gesture and (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:47
S121	295	(gesture with (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:47
S122	3	S121 and (communication near mode).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:48
S123	3	S121 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/21 21:50
S124	1	S121 and ((tap near (start talk end) push near talk release near (record stop))).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:50
S125	64	(gesture and (media audio voice video) with (record$4) with (user near interface UI GUI)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:53
S126	1	S125 and ((tap near (start talk end) push near talk release near (record stop))).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:53
S127	1	S125 and (communication near mode).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:54
S128	64	S125 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app user near interface UI GUI)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:55
S129	17	S125 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:56
S146	1	"Term Removed"	US-PGPUB	OR	ON	2016/07/22 07:23
S147	1	"Term Removed"	US-PGPUB	OR	ON	2016/07/22 07:25
S166	1	"Term Removed"	US-PGPUB	OR	ON	2017/01/23 13:43
S180	1	"Term Removed"	US-PGPUB	OR	ON	2017/07/20 09:16
S188	1	"Term Removed"	US-PGPUB	OR	ON	2017/07/20 15:37

S192	1	"Term Removed"	US-PGPUB	OR	ON	2018/04/17 13:20
S193	1	"Term Removed"	US-PGPUB	OR	ON	2018/04/17 13:44
S253	1	"Term Removed"	US-PGPUB	OR	ON	2018/11/20 09:33
S254	1	"Term Removed"	US-PGPUB	OR	ON	2018/11/20 17:46
S256	1	"Term Removed"	US-PGPUB	OR	ON	2019/05/14 09:29
S258	1	"Term Removed"	US-PGPUB	OR	ON	2019/06/07 11:42
S279	1	"Term Removed"	US-PGPUB	OR	ON	2019/06/20 10:19

7/ 23/ 2019 5:25:01 PM
C:\ Users\ tnguyen14\ Documents\ EAST\ Workspaces\ search_14051735.wsp

Examiner-Initiated Interview Summary	Application No. 14/051,735	Applicant(s) Mumick, Kieraj Singh	
	Examiner TUAN S NGUYEN	Art Unit 2145	AIA (FITF) Status Yes

All participants (applicant, applicant's representative, PTO personnel):

(1) TUAN S. NGUYEN. (3) _____.

(2) Ashok Tankha, Reg. No. 33,802. (4) _____.

Date of Interview: 10 July 2019.

Type: ☑ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☑ No.
If Yes, brief description: _____.

Issues Discussed ☐ 101 ☐ 112 ☐ 102 ☐ 103 ☑ Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 58,67,76 and 88.

Identification of prior art discussed: N/A.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Examiner discussed the independent claims to clarify the sequence of actions of the invention. Applicant decided to cancel the last limitation in each discussed claims as the supplemental amendment submitted on 06/19/2019..

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	

PTO/SB/08a (02-18)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	14051735
Filing Date	2013-10-11
First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

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Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040225502	A1	2004-11-11	Bear et al.	Abstract, paragraph [0034]-[0070], Figs 7-8, claim 21

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	14051735
	Filing Date	2013-10-11
	First Named Inventor	Kieraj Singh Mumick
	Art Unit	2145
	Examiner Name	NGUYEN, TUAN S
	Attorney Docket Number	KIRU-14NP-US

	1	KEVIN MATZ, "Donald Norman's design principles for usability | Architecting Usability", 28 June 2012, four pages.

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	14051735
Filing Date	2013-10-11
First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/a tankha/	Date (YYYY-MM-DD)	2019-08-16
Name/Print	Ashok Tankha	Registration Number	33802

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	36892913
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	ASHOK TANKHA - 36 GREENLEIGH DRIVE - SEWELL NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	16-AUG-2019
Filing Date:	11-OCT-2013
Time Stamp:	03:26:17
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	KIRU-14NP-US_IDS.pdf	1034490 1ea23d6cb312952e270cc1883b143e19619c206c	no	4
Warnings:					
Information:					
2	Non Patent Literature	Donald_Normans_design_principles_for_usability_Architecting_Usability.pdf	1484413 4e3ced6567c1dde26dd4566f740948aae5f27a43	no	4
Warnings:					
Information:					
		Total Files Size (in bytes):	2518903		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

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New International Application Filed with the USPTO as a Receiving Office

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 08/20/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

EXAMINER	
NGUYEN, TUAN S	
ART UNIT	PAPER NUMBER
2145	
MAIL DATE	DELIVERY MODE
08/20/2019	PAPER

NOTICE OF NON-COMPLIANT INFORMATION DISCLOSURE STATEMENT

An Information Disclosure Statement (IDS) filed 08/16/2019 in the above-identified application fails to meet the requirements of 37 CFR 1.97(d) for the reason(s) specified below. Accordingly, the IDS will be placed in the file, but the information referred to therein has not been considered.

The IDS is not compliant with 37 CFR 1.97(d) because:

☒ The IDS lacks a statement as specified in 37 CFR 1.97(e).

☐ The IDS lacks the fee set forth in 37 CFR 1.17(p).

☐ The IDS was filed after the issue fee was paid. Applicant may wish to consider filing a petition to withdraw the application from issue under 37 CFR 1.313(c) to have the IDS considered. See MPEP 1308.

Bernice Crittenden

571-272-4200 or 1-888-786-0101
Application Assistance Unit
Office of Data Management

Electronic Acknowledgement Receipt

EFS ID:	36957813
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	ASHOK TANKHA - 36 GREENLEIGH DRIVE - SEWELL NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	23-AUG-2019
Filing Date:	11-OCT-2013
Time Stamp:	06:08:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Post Allowance Communication - Incoming	KIRU-14NP-US_Response_to_notice.pdf	21474 a6aff96dc9ced214bc0813ba5f05d43c9719f911	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	21474		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Response to notice dated August 20, 2019

In response to the notice of non-compliant Information Disclosure Statement (IDS) dated August 20, 2019, we hereby submit our reply as follows:

1. The prior art reference US 2004/0225502 A1 was inadvertently omitted from the earlier filed IDS because it was not cited in the International Preliminary Report on Patentability (IPRP). Only the prior art reference US2008/0165141A1 was cited in the IPRP. Therefore we filed a first IDS including the prior art US2008/0165141A1. Subsequently an EU search report was issued on June 7, 2016 with prior art EP1942401A1 (US equivalent of US2008/0165141A1) along with another prior art US 2004/0225502 A1. Since the EU search report was issued after the submission of first IDS, the prior art US 2004/0225502 A1 was inadvertently omitted as we assumed that the IPRP and the EU search report included the same references; and

2. The prior art reference "Donald Normans design principles for usability Architecting Usability" was first cited in the EU examination report, issued on May 23, 2019, in an Europe counterpart application not more than three months prior to the filing of the second IDS (filed on August 16, 2019).

We therefore request you to admit the second IDS (filed on August 16, 2019) disclosing the above two prior art references as there is a provision to admit the same under section 37 CFR 1.97(f).

Respectfully submitted,

Date: August 23, 2018

/a tankha/
Ashok Tankha
Attorney For Applicant

Petitioner Exhibit 1004, Page 573 of 653

Reg. No. 33,802

Correspondence Address
Lipton, Weinberger & Husick
36 Greenleigh Drive
Sewell, NJ 08080
Phone: 856-266-5145
Fax: 856-374-0246
Email: ash@ipprocure.com

Petitioner Exhibit 1004, Page 574 of 653

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

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/a tankha/
Ashok Tankha
Attorney For Applicant

Petitioner Exhibit 1004, Page 575 of 653

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Petitioner Exhibit 1004, Page 576 of 653

PTO/SB/08a (02-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	14051735
Filing Date	2013-10-11
First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040225502	A1	2004-11-11	Bear et al.	Abstract, paragraph [0034]-[0070], Figs 7-8, claim 21

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	14051735
	Filing Date	2013-10-11
	First Named Inventor	Kieraj Singh Mumick
	Art Unit	2145
	Examiner Name	NGUYEN, TUAN S
	Attorney Docket Number	KIRU-14NP-US

	1	KEVIN MATZ, "Donald Norman's design principles for usability | Architecting Usability", 28 June 2012, four pages.

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	14051735
Filing Date	2013-10-11
First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

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OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

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SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/a tankha/	Date (YYYY-MM-DD)	2019-08-16
Name/Print	Ashok Tankha	Registration Number	33802

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Electronic Acknowledgement Receipt

EFS ID:	37056563
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	ASHOK TANKHA - 36 GREENLEIGH DRIVE - SEWELL NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	04-SEP-2019
Filing Date:	11-OCT-2013
Time Stamp:	01:18:41
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	KIRU-14NP-US_IDS.pdf	1034490 1ea23d6cb312952e270cc1883b143e19619c206c	no	4
Warnings:					
Information:					
2	Non Patent Literature	Donald_Normans_design_principles_for_usability_Architecting_Usability.pdf	1484413 4e3ced6567c1dde26dd4566f740948aae5f27a43	no	4
Warnings:					
Information:					
3	Post Allowance Communication - Incoming	KIRU-14NP-US_Response_to_notice.pdf	21474 a6aff96dc9ced214bc0813ba5f05d43c9719f911	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	2540377		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj S. Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No.: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certification statement in response to notice dated August 20, 2019

In response to the notice of non-compliant Information Disclosure Statement (IDS) dated August 20, 2019, we hereby submit a certification statement as follows:

1. The prior art reference US 2004/0225502 A1 was inadvertently omitted from the earlier filed IDS because it was not cited in the International Preliminary Report on Patentability (IPRP). Only the prior art reference US2008/0165141A1 was cited in the IPRP. Therefore we filed a first IDS including the prior art US2008/0165141A1. Subsequently an EU search report was issued on June 7, 2016 with prior art EP1942401A1 (US equivalent of US2008/0165141A1) along with another prior art US 2004/0225502 A1. Since the EU search report was issued after the submission of first IDS, the prior art US 2004/0225502 A1 was inadvertently omitted as we assumed that the IPRP and the EU search report included the same references; and

2. The prior art reference "Donald Normans design principles for usability Architecting Usability" was first cited in the EU examination report, issued on May 23, 2019, in an Europe counterpart application not more than three months prior to the filing of the second IDS (filed on August 16, 2019).

We therefore request you to admit the second IDS (filed on August 16, 2019) disclosing the above two prior art references as there is a provision to admit the same under section 37 CFR 1.97(f).

Respectfully submitted,

Date: September 06, 2019

/a tankha/
Ashok Tankha
Attorney For Applicant

Petitioner Exhibit 1004, Page 583 of 653

Reg. No. 33,802

Correspondence Address
Lipton, Weinberger & Husick
36 Greenleigh Drive
Sewell, NJ 08080
Phone: 856-266-5145
Fax: 856-374-0246
Email: ash@ipprocure.com

Petitioner Exhibit 1004, Page 584 of 653

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	14051735
Filing Date	2013-10-11
First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040225502	A1	2004-11-11	Bear et al.	Abstract, paragraph [0034]-[0070], Figs 7-8, claim 21

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	14051735
	Filing Date	2013-10-11
	First Named Inventor	Kieraj Singh Mumick
	Art Unit	2145
	Examiner Name	NGUYEN, TUAN S
	Attorney Docket Number	KIRU-14NP-US

	1	KEVIN MATZ, "Donald Norman's design principles for usability | Architecting Usability", 28 June 2012, four pages.	☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	14051735
	Filing Date	2013-10-11
	First Named Inventor	Kieraj Singh Mumick
	Art Unit	2145
	Examiner Name	NGUYEN, TUAN S
	Attorney Docket Number	KIRU-14NP-US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/a tankha/	Date (YYYY-MM-DD)	2019-09-06
Name/Print	Ashok Tankha	Registration Number	33802

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	37083111
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	ASHOK TANKHA - 36 GREENLEIGH DRIVE - SEWELL NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	06-SEP-2019
Filing Date:	11-OCT-2013
Time Stamp:	03:23:48
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		KIRU-14NP-US_IDS_and_Certification_statement.pdf	1124703 a350e110d34ffb5ab101a08ea8aca7c251409978	yes	6
	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
	Information Disclosure Statement (IDS) Form (SB08)		1	4	
	Post Allowance Communication - Incoming		5	6	
Warnings:					
Information:					
2	Non Patent Literature	Donald_Normans_design_principles_for_usability_Architecting_Usability.pdf	1484413 4e3ced6567c1dde26dd4566f740948aae5f27a43	no	4
Warnings:					
Information:					
3	Transmittal Letter	KIRU-14NP-US_Transmittal_Letter.pdf	24876 a7500fbfb8486705ba543094851f8a8ecb2b924f	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	2633992		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of:
Kieraj Singh Mumick
Application No.: 14/051,735
Filed: 10/11/2013
Applicant: Kirusa Inc.
Title: Multi-gesture Media Recording System

Examiner: Nguyen, Tuan S
Art Unit: 2145
Atty. Docket No: KIRU-14NP-US

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

1. **Attachments:** We are transmitting herewith the attached papers for the above identified patent application:

- **Information disclosure statement along with certification statement (6 pages).**

2. **General Authorization to charge or credit fees:** The Director is hereby authorized to charge any underpayment of fee or any other fee that may be required to deposit account # **600314**.

4. **Certificate Of Transmission Under 37 § CFR 1.8**: The undersigned hereby certifies that this Transmittal Letter and the papers as described in paragraph 1 hereinabove, are being electronically transmitted to the United States Patent and Trademark Office **via the USPTO electronic filing system** on this **6th** day of **September 2019.**

Respectfully submitted,

Date: September 6, 2019

/a tankha/
Ashok Tankha
Attorney For Applicant
Reg. No. 33,802

Correspondence Address
Lipton, Weinberger & Husick
36 Greenleigh Drive
Sewell, NJ 08080
Phone: 856-266-5145
Fax: 856-374-0246
Email: ash@ipprocure.com

Petitioner Exhibit 1004, Page 591 of 653

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 09/10/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

EXAMINER	
NGUYEN, TUAN S	
ART UNIT	PAPER NUMBER
2145	
MAIL DATE	DELIVERY MODE
09/10/2019	PAPER

NOTICE OF NON-COMPLIANT INFORMATION DISCLOSURE STATEMENT

An Information Disclosure Statement (IDS) filed 9.6.19 in the above-identified application fails to meet the requirements of 37 CFR 1.97(d) for the reason(s) specified below. Accordingly, the IDS will be placed in the file, but the information referred to therein has not been considered.

The IDS is not compliant with 37 CFR 1.97(d) because:

☑ The IDS lacks a statement as specified in 37 CFR 1.97(e).

☑ The IDS lacks the fee set forth in 37 CFR 1.17(p).

☐ The IDS was filed after the issue fee was paid. Applicant may wish to consider filing a petition to withdraw the application from issue under 37 CFR 1.313(c) to have the IDS considered. See MPEP 1308.

N. Ham

571-272-4200 or 1-888-786-0101
Application Assistance Unit
Office of Data Management

FORM PTOM327-B (Rev. 02/08)

Petitioner Exhibit 1004, Page 592 of 653

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 09/10/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

EXAMINER	
NGUYEN, TUAN S	
ART UNIT	PAPER NUMBER
2145	
MAIL DATE	DELIVERY MODE
09/10/2019	PAPER

NOTICE OF NON-COMPLIANT INFORMATION DISCLOSURE STATEMENT

An Information Disclosure Statement (IDS) filed 9.4.19 in the above-identified application fails to meet the requirements of 37 CFR 1.97(d) for the reason(s) specified below. Accordingly, the IDS will be placed in the file, but the information referred to therein has not been considered.

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N. Hoang
for 571-272-4200 or 1-888-786-0101
Application Assistance Unit
Office of Data Management

FORM PTOM327-B (Rev. 02/08)

Electronic Patent Application Fee Transmittal

Application Number:	14051735
Filing Date:	11-Oct-2013
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Filer:	Ashok Tankha
Attorney Docket Number:	KIRU-14NP-US

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	950	950
		Total in USD ($)		**950**

PTO/SB/08a (02-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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(Not for submission under 37 CFR 1.99)

Application Number	14051735
Filing Date	2013-10-11
First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040225502	A1	2004-11-11	Bear et al.	Abstract, paragraph [0034]-[0070], Figs 7-8, claim 21

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2]	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1	1942401	EP	A1	2008-07-09	Apple Inc. [US]	Paragraphs 2-9	

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	14051735
	Filing Date	2013-10-11
	First Named Inventor	Kieraj Singh Mumick
	Art Unit	2145
	Examiner Name	NGUYEN, TUAN S
	Attorney Docket Number	KIRU-14NP-US

	1	KEVIN MATZ, "Donald Norman's design principles for usability | Architecting Usability", 28 June 2012, four pages.

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

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(Not for submission under 37 CFR 1.99)

Application Number	14051735
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First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

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The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

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Signature	/a tankha/	Date (YYYY-MM-DD)	2019-09-19
Name/Print	Ashok Tankha	Registration Number	33802

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	37208383
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	Multi-gesture Media Recording System
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	ASHOK TANKHA - 36 GREENLEIGH DRIVE - SEWELL NJ 08080 US 856-266-5145 ash@ipprocure.com
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	19-SEP-2019
Filing Date:	11-OCT-2013
Time Stamp:	07:15:06
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$950

RAM confirmation Number	E20199I816513795
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	KIRU-14NP-US_RCE_19_Sep_2019.pdf	1349913 8c942b98e2ee79bfe3d7dfa78835596a9c47fce1	no	3
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	KIRU-14NP-US_IDS.pdf	1034554 8cdfdf2c7ec79669167faeb435b3a4cd11019347	no	4
Warnings:					
Information:					
3	Non Patent Literature	Donald_Normans_design_principles_for_usability_Architecting_Usability.pdf	1484413 4e3ced6567c1dde26dd4566f740948aae5f27a43	no	4
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	30372 426f4f125f54f5a4a9946ef6bfe99781a09bbc8e	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	3899252		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (02-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	14/051,735	Filing Date	2013-10-11	Docket Number (if applicable)	KIRU-14NP-US	Art Unit	2145
First Named Inventor	Kieraj Singh Mumick			Examiner Name	Nguyen, Tuan S		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the orde in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☐ Amendment/Reply

☒ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 600314

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

X Patent Practitioner Signature

Applicant Signature

EFS - Web 2.1.16

PTO/SB/30EFS (02-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Signature of Registered U.S. Patent Practitioner			
Signature	/a tankha/	Date (YYYY-MM-DD)	2019-09-19
Name	Ashok Tankha	Registration Number	33802

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is
file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection
estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Tim
will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions f
reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce,
P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the informatio solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record ma be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	Art Unit
	TUAN S NGUYEN	2145

CPC - Searched*		
Symbol	Date	Examiner
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	7/22/2016	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	1/24/2017	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	7/21/2017	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	11/20/2018	TN
Conduct EAST CPC search on (H04N5/44543 G11B27/34 H04N21/4622) with limited keys.	07/23/2019	TN

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/TUAN S NGUYEN/ Primary Examiner.Art Unit 2145	

Petitioner Exhibit 1004, Page 606 of 653

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	Art Unit
	TUAN S NGUYEN	2145

Search Notes		
Search Notes	**Date**	**Examiner**
Conduct EAST inventor name search	7/22/2016	TN
Conduct EAST search	7/22/2016	TN
Conduct EAST search	1/24/2017	TN
Conduct EAST search	7/21/2017	TN
Conduct EAST search	04/17/2018	TN
Conduct EAST search	11/20/2018	TN
Conduct EAST and Google search	07/23/2019	TN
Conduct EAST search	09/24/2019	TN

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
	See interference search attached	7/22/2016	TN
	See interference search attached	07/23/2019	TN

/TUAN S NGUYEN/ Primary Examiner.Art Unit 2145	

Petitioner Exhibit 1004, Page 607 of 653

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 09/26/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

EXAMINER	
NGUYEN, TUAN S	
ART UNIT	PAPER NUMBER
2145	

DATE MAILED: 09/26/2019

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

TITLE OF INVENTION: MULTI-GESTURE MEDIA RECORDING SYSTEM

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	12/26/2019

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

Petitioner Exhibit 1004, Page 608 of 653

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 09/26/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

TITLE OF INVENTION: MULTI-GESTURE MEDIA RECORDING SYSTEM

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	12/26/2019

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, TUAN S	2145	715-716000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. Fees submitted: ❑ Issue Fee ❑ Publication Fee (if required) ❑ Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

❑ Applicant asserting small entity status. See 37 CFR 1.27

❑ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (08-18) Approved for use through 01/31/2020 OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Petitioner Exhibit 1004, Page 609 of 653

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	10/11/2013	Kieraj Singh Mumick	KIRU-14NP-US	3926

7590 09/26/2019

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

EXAMINER	
NGUYEN, TUAN S	
ART UNIT	PAPER NUMBER
2145	

DATE MAILED: 09/26/2019

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

PTOL-85 (Rev. 02/11)

Petitioner Exhibit 1004, Page 610 of 653

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 14/051,735	Applicant(s) Mumick, Kieraj Singh	
	Examiner TUAN S NGUYEN	Art Unit 2145	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☑ This communication is responsive to 09/19/2019.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☑ The allowed claim(s) is/are See Continuation Sheet . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see **http://www.uspto.gov/patents/init_events/pph/index.jsp** or send an inquiry to **PPHfeedback@uspto.gov.**

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:

   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.
5. ☐ Examiner's Amendment/Comment
6. ☐ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/TUAN S NGUYEN/
Primary Examiner, Art Unit 2145

Continuation of 3. The allowed claim(s) is/are: 58,60-65,67,69-74,76,78-82,84 and 88-90

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	**Art Unit**
	TUAN S NGUYEN	2145

CPC						
Symbol					**Type**	**Version**
G06F	/	3	/	0488	F	2013-01-01
G06F	/	3	/	0484	I	2013-01-01

CPC Combination Sets								
Symbol					**Type**	**Set**	**Ranking**	**Version**
	/		/					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	24	
/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	24 September 2019	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	58	4B

U.S. Patent and Trademark Office — Part of Paper No.: 20190924

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	**Art Unit**
	TUAN S NGUYEN	2145

INTERNATIONAL CLASSIFICATION				
CLAIMED				
G06F	/	3	/	0488

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

CROSS REFERENCES(S)						
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	24	
/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	24 September 2019	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	58	4B

U.S. Patent and Trademark Office — Part of Paper No.: 20190924

Petitioner Exhibit 1004, Page 615 of 653

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/051,735	Mumick, Kieraj Singh
	Examiner	**Art Unit**
	TUAN S NGUYEN	2145

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		13		25		37		49	3	61	13	73		85
	2		14		26		38		50	4	62	14	74		86
	3		15		27		39		51	5	63		75		87
	4		16		28		40		52	6	64	15	76	22	88
	5		17		29		41		53	7	65		77	23	89
	6		18		30		42		54		66	16	78	24	90
	7		19		31		43		55	8	67	17	79		
	8		20		32		44		56		68	18	80		
	9		21		33		45		57	9	69	19	81		
	10		22		34		46	1	58	10	70	20	82		
	11		23		35		47		59	11	71		83		
	12		24		36		48	2	60	12	72	21	84		

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	24	
/TUAN S NGUYEN/ Primary Examiner, Art Unit 2145	24 September 2019	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	58	4B

U.S. Patent and Trademark Office

Part of Paper No.: 20190924

Petitioner Exhibit 1004, Page 616 of 653

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"EP 1942401".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/09/24 11:05
S2	3	("20080165141" "20110261213" "20100309148").pn.	US-PGPUB; USPAT	OR	ON	2016/05/19 16:17
S3	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/05/19 16:18
S4	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/06/21 11:59
S5	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/06/21 12:03
S6	1	S5 and (communication near mode with gesture and recording).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 12:03
S7	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:23
S8	1	S7 and (defin$4 with region).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:23
S9	1	S7 and (associat$4 near function with region).clm.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:24
S10	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/21 14:55
S11	864	S10 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/21 14:56
S12	699	S11 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/21 14:57
S13	0	"L6" and (communication near mode with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:26
S14	4	"L6" and (communication with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:27
S15	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S16	864	S15 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S17	699	S16 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S18	0	S17 and (communication with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41
S19	93	S17 and ((tap near (start talk end) push near talk release near (record stop) PTT	US-PGPUB; USPAT	OR	ON	2016/06/22 12:41

		HTR RTS))				
S20	100	S17 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 13:26
S21	0	S20 and (communication near mode)	US-PGPUB; USPAT	OR	ON	2016/06/22 13:27
S22	3	("20080165141" "20110261213" "20100309148").pn.	US-PGPUB; USPAT	OR	ON	2016/06/22 13:31
S23	23784	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S24	864	S23 and ((media audio video) with record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S25	699	S24 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S26	100	S25 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S27	13	S26 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:04
S28	0	S25 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:16
S29	9	S25 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:17
S30	77557	((media audio video) with record$4 with application)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:25
S31	568	S30 and ((switch$4 select$4 gesture slid$4) with (tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:26
S32	464	S31 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 15:27
S33	267	S32 and ((cancel$4 terminat$4 end$4 trigger$4 activat$4 execut$4) with record$4)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:30
S34	130	S33 and ((chang$4 updat$4) with (option menu selection button))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:31
S35	43	S33 and ((chang$4 updat$4) with (option menu selection button) with (state stage))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:38
S36	4	S35 and ((display$4 present$4) with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:39
S37	4116	((media audio video) with record$4 with (application app) with mobile)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S38	1038	S37 and ((display$4 present$4) with microphone)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S39	519	S38 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/06/22 15:44
S40	0	S39 and ((chang$4 updat$4 present$4) with (option menu selection button) with (operat$4 near record$4))	US-PGPUB; USPAT	OR	ON	2016/06/22 15:46
S41	9	S39 and ((chang$4 updat$4 present$4) with (option menu selection button)	US-PGPUB; USPAT	OR	ON	2016/06/22 15:47

		with operat$4 with (application app))				
S42	3	("20080165141" | "20110261213" | "20100309148").PN.	US-PGPUB; USPAT	OR	ON	2016/07/14 14:12
S43	4178	((media audio video) with record$4 with (application app) with mobile)	US-PGPUB; USPAT	OR	ON	2016/07/14 14:54
S44	1925	S43 and (microphone)	US-PGPUB; USPAT	OR	ON	2016/07/14 14:54
S45	26	S44 and ((tap near (start talk end) push near talk (release hold) near (record stop cancel)))	US-PGPUB; USPAT	OR	ON	2016/07/14 15:02
S46	127	((media video audio) with (record$4) near (application software app) with (menu option))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:26
S47	255	((media video audio) with (record$4) near (application software app) with (menu option button icon))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:28
S48	184	S47 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 12:28
S49	11	S48 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS RTR TTS))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:30
S50	53390	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:38
S51	573	S50 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:39
S52	379	S51 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 12:39
S53	18	S52 and ((PTT HTR RTS RTR TTS) with (gesture slid$4 switch$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 12:40
S54	1303	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with gesture)	US-PGPUB; USPAT	OR	ON	2016/07/18 13:55
S55	7526	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:55
S56	5242	S55 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 13:56
S57	41	S56 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:57
S58	4	S57 and ((PTT HTR RTS RTR TTS) with (gesture slid$4 switch$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 13:58
S59	7526	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/18 16:49
S60	5242	S59 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/18 16:49
S61	11	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-	US-PGPUB	OR	ON	2016/07/20 15:01

		20130052982-$).did.				
S62	7533	((media video audio voice) with (record$4 captur$4 camera) with (menu option button icon) with (gesture switch$4 slid$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02
S63	5242	S62 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02
S64	5046	S63 and ((switch$4 gestur$4 slid$4) with (menu button option mode) with (communication camera capture record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:02
S65	1277	S63 and ((gesture touch$6 tap$4) with (switch$4 slid$4 chang$4) with (menu button option mode) with (communication camera capture record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:28
S66	412	S65 and ((media video audio voice) with (record$4) with (microphone camera))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:30
S67	79	S65 and ((media video audio voice) with (record$4) with (microphone camera) with (interface GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 15:35
S68	1	S67 and (communication near mode)	US-PGPUB; USPAT	OR	ON	2016/07/20 15:47
S69	30	S67 and ((select$4 tap$4) with (camera microphone) with record$4)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:01
S70	0	"Apple.as" and ((camera microphone) with mode)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:10
S71	6804	((camera microphone) with (menu selection near mode record$4 option) with touch$7)	US-PGPUB; USPAT	OR	ON	2016/07/20 16:11
S72	4463	S71 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 16:13
S73	114	S72 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:31
S74	7	S73 and ((camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:33
S75	1821	(touch$7 with (camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:50
S76	954	S75 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 16:51
S77	10	S76 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel hold pause re?record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 16:51
S78	0	"Apple.as" and (touch$7 with (camera microphone) near (interface UI "user interface" GUI))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:07
S79	0	"Apple.as" and ((camera microphone) near (interface UI "user interface" GUI) with icon)	US-PGPUB; USPAT	OR	ON	2016/07/20 17:08
S80	25	Apple.as. and ((camera microphone) near (interface UI "user interface" GUI) with icon)	US-PGPUB; USPAT	OR	ON	2016/07/20 17:41

S81	13	S80 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/20 17:42
S82	23	S80 and (@ad<"20121015" @rlad<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/20 17:45
S83	0	S82 and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:47
S84	41	Apple.as. and ((select$4 tap$4 switch$4) with (camera microphone) with mode with (start stop chang$4 save cancel hold pause re?record$4))	US-PGPUB; USPAT	OR	ON	2016/07/20 17:48
S85	39	S84 and (@ad<"20121015" @rlad<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/20 17:50
S86	27	S84 and (@ad<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/20 18:45
S87	1	"20110249075".pn.	US-PGPUB; USPAT	OR	ON	2016/07/20 19:30
S88	1	"20110249074".pn.	US-PGPUB; USPAT	OR	ON	2016/07/20 19:30
S89	19	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$).did. or (US-6763226-$ or US-8502856-$).did.	US-PGPUB; USPAT	OR	ON	2016/07/21 10:12
S90	12	(camera near (menu option) with (video photo pano square slo?mo)) and Apple.as.	US-PGPUB; USPAT	OR	ON	2016/07/21 14:51
S91	7	S90 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 14:52
S92	7	S90 and (@ad<"20121015" @rlpd<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/21 14:54
S93	40945	((audio voice) with (microphone record$4 memo) with message)	US-PGPUB; USPAT	OR	ON	2016/07/21 16:29
S94	6472	((audio voice) with (record$4 conference IM) with (user near interface UI GUI))	US-PGPUB; USPAT	OR	ON	2016/07/21 16:31
S95	4984	S94 and (@ad<"20121015" @rlpd<"20121015")	US-PGPUB; USPAT	OR	ON	2016/07/21 16:31
S96	19	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$).did. or (US-6763226-$	US-PGPUB; USPAT	OR	ON	2016/07/21 16:40

		or US-8502856-$).did.				
S97	8	S96 and (user near (preference specif$4))	US-PGPUB; USPAT	OR	ON	2016/07/21 16:40
S98	4	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:34
S99	2	("20040225502" "20110075818").pn.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:41
S100	1	S98 and (gesture with (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:46
S101	1	S98 and (gesture and (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:47
S102	129628	((media audio voice video) with (record$4 captur$4 camera microphone) with (application app))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:19
S103	11771	((media audio voice video) with (record$4 captur$4 camera microphone) with (application app) with (user near interface GUI UI interface))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:20
S104	427	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:21
S105	7	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) with (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:22
S106	5	S105 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 22:22
S107	229	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) and (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:35
S108	19	S103 and ((tap near (start talk end) push near talk release near (record stop) PTT HTR RTS) same (gesture touch$7))	US-PGPUB; USPAT	OR	ON	2016/07/21 22:35
S109	7	S108 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/21 22:36
S110	176	((menu function) with dynamically near chang$4 with (mode user near references))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:35
S111	121	S110 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 00:36
S112	2	((menu function) with dynamically near chang$4 with (communication near mode user near references))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:37
S113	0	S112 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 00:37
S114	6	S111 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app))	US-PGPUB; USPAT	OR	ON	2016/07/22 00:39
S115	352	((menu function) with dynamically near chang$4 with (communication near mode user near references application))	US-PGPUB; USPAT	OR	ON	2016/07/22 01:49
S116	0	((menu function) with dynamically near chang$4 with (communication near	US-PGPUB; USPAT	OR	ON	2016/07/22 01:58

		mode user near references application) with "same" near (key icon button))				
S117	2	((menu function) with dynamically near chang$4 with (communication near mode user near references application) with "same" with (key icon button))	US-PGPUB; USPAT	OR	ON	2016/07/22 01:59
S118	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/07/22 02:43
S119	1	S118 and (user near preference)	US-PGPUB; USPAT	OR	ON	2016/07/22 02:43
S130	13	(assign$4 with (pre?defined near function) with (key menu))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:18
S131	12	S130 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:18
S132	11	((assign$4 delegat$4) with (pre?defined near function) with (blank empty) near (key menu near space))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:27
S133	10	S132 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:27
S134	11	((assign$4 delegat$4 drag$4) with (pre?defined near function) with (blank empty) near (key menu near space))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:29
S135	10	S134 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:29
S136	11	((assign$4 delegat$4 drag$4) with (pre?defined near (function menu)) with (blank empty) near (key space slot))	US-PGPUB; USPAT	OR	ON	2016/07/22 04:31
S137	75	((assign$4 delegat$4 drag$4) with (function) with (blank empty) near (key space slot))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/07/22 04:32
S138	61	S137 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:33
S139	27	S138 and (universal near remote)	US-PGPUB; USPAT	OR	ON	2016/07/22 04:37
S140	15	((assign$4 delegat$4 drag$4) with (function) with (blank empty) near (key space slot)) same (universal near remote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/07/22 04:38
S141	13	S140 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2016/07/22 04:39
S142	1	14/051735.app.	US-PGPUB; USPAT	OR	ON	2016/07/22 06:14
S143	1	S142 and (non?transitory with medium)	US-PGPUB; USPAT	OR	ON	2016/07/22 06:14
S144	24	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-	US-PGPUB; USPAT	OR	ON	2016/07/22 07:23

		20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$).did.				
S145	25	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$).did.	US-PGPUB; USPAT	OR	ON	2016/07/22 07:25
S148	26	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2017/01/23 13:43
S149	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) with communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S150	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) same communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S151	0	(chang$4 with dynamic$4 with (state status) near (button icon menu) and communication near mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:15
S152	79	(chang$4 with dynamic$4 with (state status) near (button icon menu))	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16
S153	5	(chang$4 with dynamic$4 with (state status) near (button icon menu) with mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16
S154	5	S153 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 14:16

S155	24829	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17
S156	0	S155 and (chang$4 with dynamic$4 with (state status) near (button icon menu) with mode)	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17
S157	28	S155 and (chang$4 with dynamic$4 with (state status) near (button icon menu))	US-PGPUB; USPAT	OR	ON	2017/01/23 14:17
S158	28	S157 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 14:18
S159	1125	(chang$4 with (state status user near interface) near (button icon menu submenu) with (select$4 option click))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:38
S160	876	S159 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40
S161	37	(chang$4 near dynamic$4 with (state status user near interface) near (button icon menu submenu) with (select$4 option click))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40
S162	35	S161 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:40
S163	0	(chang$4 near dynamic$4 with (state user near interface) near (button icon menu submenu) with (select$4 option click) near (parent root))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:49
S164	109	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4))	US-PGPUB; USPAT	OR	ON	2017/01/23 15:59
S165	86	S164 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/23 15:59
S167	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) near mode near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:32
S168	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) with mode near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:33
S169	0	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) near record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:33
S170	2	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with (select$4 option click$4) with record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 09:35
S171	1	S170 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2017/01/24 09:36
S172	1	(chang$4 near dynamic$4 with (state user near interface) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:38
S173	1	(chang$4 near dynamic$4 with (state user near interface context) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:44

S174	1	(chang$4 near dynamic$4 with (state user near interface context) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:45
S175	1	(chang$4 near dynamic$4 with (state user near interface context) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 09:46
S176	91	(chang$4 near dynamic$4 with (state user near interface context) with record$4)	US-PGPUB; USPAT	OR	ON	2017/01/24 10:06
S177	8	(chang$4 near dynamic$4 with (state user near interface context) with record$4 with (application app))	US-PGPUB; USPAT	OR	ON	2017/01/24 10:06
S178	5	S177 and @ad< "20121015"	US-PGPUB; USPAT	OR	ON	2017/01/24 10:10
S179	29	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2017/07/20 09:16
S181	25548	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2017/07/20 11:12
S182	1173	S181 and (chang$4 with (state user near interface) with (button icon menu submenu))	US-PGPUB; USPAT	OR	ON	2017/07/20 11:13
S183	1	"20040216059".pn.	US-PGPUB; USPAT	OR	ON	2017/07/20 15:31
S184	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2017/07/20 15:37

S185	0	S184 and (chang$4 with (state user near interface) with (button icon menu submenu) with record$4 near (application app))	US-PGPUB; USPAT	OR	ON	2017/07/20 15:37
S186	10	S184 and (chang$4 with (state user near interface) with (button icon menu submenu))	US-PGPUB; USPAT	OR	ON	2017/07/20 15:38
S187	10	S186 and (touch$4 touchscreen touch near screen touch?screen)	US-PGPUB; USPAT	OR	ON	2017/07/20 15:53
S189	1	"20130052982".pn.	US-PGPUB; USPAT	OR	ON	2017/07/21 14:54
S190	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2018/04/17 13:20
S191	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.	US-PGPUB; USPAT	OR	ON	2018/04/17 13:44
S194	30	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-	US-PGPUB; USPAT	OR	ON	2018/11/20 09:33

		20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$).did.				
S195	27325	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2018/11/20 12:49
S196	0	S195 and ((switching chang$4) with recording near mode with (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 12:49
S197	1	((switching chang$4) with recording near mode with (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 12:50
S198	1	S197 and (recording near mode)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:02
S199	1	S197 and (recording adj mode)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:04
S200	1	(recording near modes with (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:25
S201	1	(recording near modes with (PTT push near talk) with (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:25
S202	1	(recording near modes with (PTT push near talk) same (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:26
S203	10648	(recording near modes same (PTT push near talk) (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:26
S204	1	(recording near modes same (PTT push near talk) and (hand?free RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:27
S205	1	((switching chang$4) with recording near modes same (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:29
S206	1	((switching chang$4) with recording near modes and (PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:29
S207	500	((switching chang$4) with recording near modes with (record conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:33
S208	1	((switching chang$4) with recording near modes with "same" near (record conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:34
S209	365	((switching chang$4) with recording near modes with (button icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:42
S210	267	S209 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:47
S211	0	S210 and ((PTT push near talk) with (hand?free near recording RTR release	US-PGPUB; USPAT	OR	ON	2018/11/20 13:49

		near talk))				
S212	0	S210 and ((PTT push near talk) and (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:49
S213	2	S210 and ((PTT push near talk) (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:50
S214	200	((PTT push near talk) with (hand?free near recording RTR release near talk))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:55
S215	182	S214 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:55
S216	0	S215 and ((switching chang$4) with recording near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:55
S217	36	S215 and ((switching chang$4) with modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:56
S218	126	((PTT push near talk) with (hand?free near recording RTR release near record))	US-PGPUB; USPAT	OR	ON	2018/11/20 13:57
S219	30	S218 and ((switching chang$4) with modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 13:57
S220	29	S219 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 13:58
S221	3463	((voice memo media video) near record$4 with((Hold release hand?free) near record$4 HTR RTR))	US-PGPUB; USPAT	OR	ON	2018/11/20 14:49
S222	3463	((voice memo media video) near record$4 with ((Hold release hand?free) near record$4 HTR RTR))	US-PGPUB; USPAT	OR	ON	2018/11/20 14:50
S223	3006	S222 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 14:53
S224	137	S223 and ((switching chang$4) with record$4 near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 14:54
S225	136	S224 and ((voice memo media) near record$4)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S226	0	S224 and ((voice memo media) near record$4 with microphone near lable)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S227	0	S224 and ((voice memo media) near record$4 with microphone)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:08
S228	45172	((voice memo) near record$4)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:30
S229	1514	((voice memo) near record$4 with modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S230	94	S229 and ((switching chang$4) with record$4 near modes)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S231	85	S230 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 15:31
S232	1	S231 and ((Hold release hand?free) near record$4 HTR RTR)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:34
S233	61	S229 and ((Hold release hand?free) near record$4 HTR RTR)	US-PGPUB; USPAT	OR	ON	2018/11/20 15:40
S234	60	S233 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 15:40
S235	103	((switching chang$4) with (communication conversation) near modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:27

S236	81	S235 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S237	0	S236 and ((phone dial) near application)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S238	0	S236 and ((phone dial) near (application app))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S239	29976	((phone dial) near (application app))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:28
S240	660	((phone dial) near (application app) with menu)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29
S241	0	S240 and ((switching chang$4) with (communication conversation) near modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29
S242	2	S240 and ((switching chang$4) with modes with speaker)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:29
S243	0	S242 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:30
S244	38	S240 and ((record speaker mute end) near menu)	US-PGPUB; USPAT	OR	ON	2018/11/20 16:33
S245	14	S244 and @rlad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:34
S246	26	S244 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:34
S247	219	S239 and ((record speaker mute end) near (menu icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:38
S248	102	S247 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:39
S249	116	S239 and ((record speaker) near (menu icon))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:57
S250	61	S249 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2018/11/20 16:57
S251	36	S250 and (record$4 near (voice memo conversation))	US-PGPUB; USPAT	OR	ON	2018/11/20 16:58
S252	40	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-	US-PGPUB; USPAT	OR	ON	2018/11/20 17:46

		6760696-$ or US-5602963-$).did.				
S255	40	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$).did.	US-PGPUB; USPAT	OR	ON	2019/05/14 09:29
S257	40	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$).did.	US-PGPUB; USPAT	OR	ON	2019/06/07 11:42
S259	474	((press$4 push$4) near hold with record$4)	US-PGPUB; USPAT	OR	ON	2019/06/10 14:54
S260	53	((press$4 push$4) near hold with record$4 near (voice video memo))	US-PGPUB; USPAT	OR	ON	2019/06/10 14:56
S261	4	S260 and ((releas$4 lift$4) with (stop dismiss) near record$4)	US-PGPUB; USPAT	OR	ON	2019/06/10 15:00
S262	3	S261 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/06/10 15:00
S263	2005	((RTR "release to record" releas$4) with	US-PGPUB;	OR	ON	2019/06/10

		record$4 near (voice video memo))	USPAT			15:39
S264	18	S260 and ((RTR "release to record" releas$4) with record$4 near (voice video memo))	US-PGPUB; USPAT	OR	ON	2019/06/10 15:40
S265	5	S264 and @rlad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/06/10 15:57
S266	46	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$ or US-20110306894-$ or US-20100054086-$ or US-20170095736-$ or US-20170048221-$ or US-20160105382-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$ or US-8154418-$).did.	US-PGPUB; USPAT	OR	ON	2019/06/20 10:19
S267	53	((press$4 push$4) near hold with record$4 near (voice video memo))	US-PGPUB; USPAT	OR	ON	2019/06/20 10:45
S268	14	S267 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/06/20 10:45
S269	0	((press$4 push$4) near hold with record$4 near (voice video memo) with (chat$4 SMS messenger) with microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:05
S270	1	((press$4 push$4) near hold with record$4 near (voice video memo) with (chat$4 SMS messenger))	US-PGPUB; USPAT	OR	ON	2019/06/20 12:05
S271	84	(record$4 near (voice video memo) with (chat$4 SMS messenger) with microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:11
S272	26	S271 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/06/20 12:11
S273	2188	(record$4 near (voice video memo) with (chat$4 SMS messenger))	US-PGPUB; USPAT	OR	ON	2019/06/20 12:16
S274	0	S273 and ((press$4 push$4) near hold with microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/06/20 12:17
S275	1	S273 and ((press$4 push$4) near hold with microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:17
S276	0	S272 and ((press$4 push$4) near hold	US-PGPUB;	OR	ON	2019/06/20

		with microphone)	USPAT			12:31
S277	26	S272 and (microphone)	US-PGPUB; USPAT	OR	ON	2019/06/20 12:31
S278	1	S272 and (microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/06/20 12:31
S280	1205	(voice near record$4 with (SMS messenger IM chat$4))	US-PGPUB; USPAT	OR	ON	2019/07/22 11:23
S281	0	S280 and (hold near microphone with record$4)	US-PGPUB; USPAT	OR	ON	2019/07/22 11:29
S282	0	S280 and (hold near microphone with (record$4 talk$4))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:16
S283	379	S280 and (microphone with (record$4 talk$4 speak$4))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:17
S284	167	S283 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/22 12:26
S285	0	S284 and ((push press) near hold near microphone)	US-PGPUB; USPAT	OR	ON	2019/07/22 12:32
S286	0	S284 and ((push press) near hold with microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:36
S287	4	S284 and (microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:39
S288	4	(microphone near (button icon) with (SMS messenger IM chat$4) with (UI user near interface))	US-PGPUB; USPAT	OR	ON	2019/07/22 12:43
S289	2253	((microphone voice) with (SMS messenger IM chat$4) with (UI user near interface))	US-PGPUB; USPAT	OR	ON	2019/07/22 14:30
S290	0	S289 and ((push press) near hold with microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/07/22 14:32
S291	18	S289 and (microphone near (button icon))	US-PGPUB; USPAT	OR	ON	2019/07/22 14:33
S292	7	S291 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/22 14:34
S293	7	S291 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/22 14:35
S294	161392	("20040047344")".pn"	US-PGPUB; USPAT	OR	ON	2019/07/22 14:40
S295	1	"20040047344".pn.	US-PGPUB; USPAT	OR	ON	2019/07/22 14:41
S296	1	(microphone with imessage)	US-PGPUB; USPAT	OR	ON	2019/07/22 15:50
S297	23	(microphone with message near (UI user near interface))	US-PGPUB; USPAT	OR	ON	2019/07/22 15:54
S298	13	S297 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/22 15:55
S299	28237	(H04N5/44543 G11B27/34 H04N21/4622).cpc.	US-PGPUB; USPAT	OR	ON	2019/07/23 09:57
S300	1568	S299 and (microphone with record$4)	US-PGPUB; USPAT	OR	ON	2019/07/23 09:57
S301	2	S300 and ((push press tap) near hold$4 with microphone with (talk$4 speak$4 record$4))	US-PGPUB; USPAT	OR	ON	2019/07/23 09:58
S302	2551	(microphone with record$4 with (touchscreen touch$4))	US-PGPUB; USPAT	OR	ON	2019/07/23 10:24

S303	4	S302 and ((push press tap) near hold$4 with microphone with (talk$4 speak$4 record$4))	US-PGPUB; USPAT	OR	ON	2019/07/23 10:25
S304	0	S303 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/23 10:26
S305	995	S302 and @ad<"20121015"	US-PGPUB; USPAT	OR	ON	2019/07/23 10:28
S306	0	S305 and ((push press tap) near hold$4 with microphone)	US-PGPUB; USPAT	OR	ON	2019/07/23 10:30
S307	71	S305 and ((push press tap) with microphone)	US-PGPUB; USPAT	OR	ON	2019/07/23 10:38
S308	14	S305 and ((push press tap) near hold$4)	US-PGPUB; USPAT	OR	ON	2019/07/23 10:38
S309	55	(US-20100309148-$ or US-20080165141-$ or US-20120035925-$ or US-20100135473-$ or US-20160105388-$ or US-20150095804-$ or US-20070266077-$ or US-20060040695-$ or US-20050164727-$ or US-20130253936-$ or US-20130052982-$ or US-20110234746-$ or US-20130321340-$ or US-20140354838-$ or US-20130265378-$ or US-20140354759-$ or US-20110249074-$ or US-20040225502-$ or US-20120036434-$ or US-20070237515-$ or US-20040036632-$ or US-20070296552-$ or US-20120323965-$ or US-20120124515-$ or US-20110252318-$ or US-20040216059-$).did. or (US-20140108928-$ or US-20080144788-$ or US-20060291850-$ or US-20150201065-$ or US-20120311499-$ or US-20080122796-$ or US-20080168379-$ or US-20110306894-$ or US-20100054086-$ or US-20170095736-$ or US-20170048221-$ or US-20160105382-$ or US-20140365884-$ or US-20020173299-$ or US-20180069815-$ or US-20080285731-$ or US-20160036734-$ or US-20040201752-$ or US-20140152758-$ or US-20120182141-$).did. or (US-6763226-$ or US-8502856-$ or US-6486914-$ or US-8995689-$ or US-6925341-$ or US-6760696-$ or US-5602963-$ or US-8154418-$ or US-8054954-$).did.	US-PGPUB; USPAT	OR	ON	2019/07/23 15:48
S310	6	Mumick-Kieraj-Singh.in.	US-PGPUB; USPAT	OR	ON	2019/07/23 15:59
S311	42	KIRUSA.as.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:06
S312	42	S310 S311	US-PGPUB; USPAT	OR	ON	2019/07/23 16:06
S313	0	S312 and ((media near record$4) and (press near hold near gesture) and PTT and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:09
S314	0	S312 and ((media near record$4) and (press near hold near gesture) and	US-PGPUB; USPAT	OR	ON	2019/07/23 16:10

		((slide swipe) near hold)).clm.				
S315	0	S312 and ((media near record$4) and (press near hold) and PTT and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:12
S316	1	S312 and ((media near record$4) and (press near hold) and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:12
S321	1	("20040225502").pn.	US-PGPUB; USPAT	OR	ON	2019/09/23 16:22

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S120	1045	(gesture and (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:47
S121	295	(gesture with (media audio voice video) with (record$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:47
S122	3	S121 and (communication near mode).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:48
S123	3	S121 and ((tap near (start talk end) push near talk release near (record stop)))	US-PGPUB; USPAT	OR	ON	2016/07/21 21:50
S124	1	S121 and ((tap near (start talk end) push near talk release near (record stop))).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:50
S125	64	(gesture and (media audio voice video) with (record$4) with (user near interface UI GUI)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:53
S126	1	S125 and ((tap near (start talk end) push near talk release near (record stop))).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:53
S127	1	S125 and (communication near mode).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:54
S128	64	S125 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app user near interface UI GUI)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:55
S129	17	S125 and ((media audio voice video) with (record$4 captur$4 camera microphone) with (application app)).clm.	US-PGPUB; USPAT	OR	ON	2016/07/21 21:56
S146	1	"Term Removed"	US-PGPUB	OR	ON	2016/07/22 07:23
S147	1	"Term Removed"	US-PGPUB	OR	ON	2016/07/22 07:25
S166	1	"Term Removed"	US-PGPUB	OR	ON	2017/01/23 13:43
S180	1	"Term Removed"	US-PGPUB	OR	ON	2017/07/20 09:16
S188	1	"Term Removed"	US-PGPUB	OR	ON	2017/07/20 15:37
S192	1	"Term Removed"	US-	OR	ON	2018/04/17

			PGPUB			13:20
S193	1	"Term Removed"	US-PGPUB	OR	ON	2018/04/17 13:44
S253	1	"Term Removed"	US-PGPUB	OR	ON	2018/11/20 09:33
S254	1	"Term Removed"	US-PGPUB	OR	ON	2018/11/20 17:46
S256	1	"Term Removed"	US-PGPUB	OR	ON	2019/05/14 09:29
S258	1	"Term Removed"	US-PGPUB	OR	ON	2019/06/07 11:42
S279	1	"Term Removed"	US-PGPUB	OR	ON	2019/06/20 10:19
S317	1	"Term Removed"	US-PGPUB	OR	ON	2019/07/23 15:48
S318	0	((media near record$4) and (press near hold near gesture) and PTT and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:10
S319	0	((media near record$4) and (press near hold near gesture) and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:10
S320	1	((media near record$4) and (press near hold) and ((slide swipe) near hold)).clm.	US-PGPUB; USPAT	OR	ON	2019/07/23 16:11

9/24/2019 11:40:45 AM
C:\Users\tnguyen14\Documents\EAST\Workspaces\search_14051735.wsp

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	14051735
Filing Date	2013-10-11
First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040225502	A1	2004-11-11	Bear et al.	Abstract, paragraph [0034]-[0070], Figs 7-8, claim 21

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	1	1942401	EP	A1	2008-07-09	Apple Inc. [US]	Paragraphs 2-9	

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.S.N/

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Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

	1	KEVIN MATZ, "Donald Norman's design principles for usability | Architecting Usability", 28 June 2012, four pages.	

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EXAMINER SIGNATURE

Examiner Signature	/TUAN S NGUYEN/	Date Considered	09/24/2019

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	14051735
Filing Date	2013-10-11
First Named Inventor	Kieraj Singh Mumick
Art Unit	2145
Examiner Name	NGUYEN, TUAN S
Attorney Docket Number	KIRU-14NP-US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/a tankha/	Date (YYYY-MM-DD)	2019-09-19
Name/Print	Ashok Tankha	Registration Number	33802

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.S.N/

Bibliographic Data

Application No: 14/051,735

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☑ Met After Allowance

Verified and Acknowledged: /TUAN S NGUYEN/ (Examiner's Signature) T.S.N (Initials)

Title: Multi-gesture Media Recording System

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
10/11/2013	715	2145	KIRU-14NP-US
RULE			

APPLICANTS

INVENTORS

Kieraj Singh Mumick Berkeley Heights, NJ, UNITED STATES

CONTINUING DATA

This application has PRO of 61713635 10/15/2012

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

10/28/2013

** SMALL ENTITY **

STATE OR COUNTRY

UNITED STATES

ADDRESS

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080
UNITED STATES

FILING FEE RECEIVED

$2,160

Document Description: Issue Fee Payment (PTO-85B)

Issue Fee Transmittal Form

Application Number	Filing Date	First Named Inventor	Atty. Docket No.	Confirmation No.
14051735	11-Oct-2013	Kieraj Mumick	KIRU-14NP-US	3926

TITLE OF INVENTION :

MULTI-GESTURE MEDIA RECORDING SYSTEM

Entity Status	Application Type	Art Unit	Class - Subclass	EXAMINER
Small	Utility under 35 USC 111(a)	2145	716000	TUAN NGUYEN

Issue Fee Due	Publication Due	Total Fee(s) Due	Date Due	Prev. Paid Fee
$500	$0	$500	26-Dec-2019	$0

1.Change of Correspondence Address and/or Indication Of Fee Address (37 CFR 1.33 & 1.363)

Current Correspondence Address:	Current Indicated Fee Address :
ASHOK TANKHA 36 GREENLEIGH DRIVE SEWELL NJ 08080 UNITED STATES 856-266-5145 ash@ipprocure.com	
☐ Change of correspondence address requested, system generated AIA/122-EFS form attached	☐ Fee Address indication requested, system generated SB/47-EFS form attached

2.Entity Status

Change in Entity Status

○ Applicant certifying micro entity status; system generated Micro Entity certification form attached. See 37 CFR 1.29.
Note: Absent a valid certification of micro entity status, issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment. If this box is checked, you will be prompted to choose a micro entity status on the gross income basis (37 CFR 1.29(a)) or the institution of higher education basis (37 CFR 1.29(d)), and make the applicable certification online.

◉ Applicant asserting small entity status. See 37 CFR 1.27.
Note: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

○ Applicant changing to regular undiscounted fee status.
Note: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

Document Description: Issue Fee Payment (PTO-85B)

3.The Following Fee(s) Are Submitted:

☒ Issue Fee

☐ I authorize USPTO to apply my previously paid issue fee to the current fees due

☐ Publication Fee

☐ The Director is hereby authorized to apply my previously paid issue fee to the current fee due and to charge deficient fees to Deposit Account Number _____

☐ Advance Order - # of copies _____

☐ If **in addition to** the payment of the issue fee amount submitted with this form, there are any discrepancies in any amount(s) due, the Director is authorized to charge any deficiency, or credit any overpayment, to Deposit Account Number _____ . The **issue fee must be submitted** with this form. **If payment of the issue fee does not accompany this form, checking this box and providing a deposit account number will NOT be effective to satisfy full payment of the fee(s) due.**

4.Firm and/or Attorney Names To Be Printed

NOTE: If no name is listed, no name will be printed
For printing on the patent front page, list to be displayed as entered

1. Ashok Tankha
2.
3.

5.Assignee Name(s) and Residence Data To Be Printed

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

Name	City	State	Country	Category
KIRUSA, INC.	New Providence	NEW JERSEY	united states	corporation

6.Signature

I certify, in accordance with 37 CFR 1.4(d)(4) that I am an attorney or agent registered to practice before the Patent and Trademark Office who has filed and has been granted power of attorney in this application. I also certify that this Fee(s) Transmittal form is being transmitted to the USPTO via EFS-WEB on the date indicated below.

Signature	/a tankha/	**Date**	12-24-2019
Name	Ashok Tankha	**Registration Number**	33802

Electronic Acknowledgement Receipt

EFS ID:	38131214
Application Number:	14051735
International Application Number:	
Confirmation Number:	3926
Title of Invention:	MULTI-GESTURE MEDIA RECORDING SYSTEM
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Correspondence Address:	- - - - - - - US - -
Filer:	Ashok Tankha
Filer Authorized By:	
Attorney Docket Number:	KIRU-14NP-US
Receipt Date:	24-DEC-2019
Filing Date:	11-OCT-2013
Time Stamp:	04:53:12
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$500

RAM confirmation Number	E2019BN553084423
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	Web85b.pdf	45988 5ec5c889d50a04f8d81a710db5088dde41c4ead4	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	31705 a13401ecd1fda7cb9981e590e7d335218fb8f0f3	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	77693		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Patent Application Fee Transmittal

Application Number:	14051735
Filing Date:	11-Oct-2013
Title of Invention:	MULTI-GESTURE MEDIA RECORDING SYSTEM
First Named Inventor/Applicant Name:	Kieraj Singh Mumick
Filer:	Ashok Tankha
Attorney Docket Number:	KIRU-14NP-US

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
UTILITY APPL ISSUE FEE	2501	1	500	500
PUBL. FEE- EARLY, VOLUNTARY, OR NORMAL	1504	1	0	0
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**500**

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/051,735	02/04/2020	10552030	KIRU-14NP-US	3926

7590 01/15/2020

ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 632 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Kieraj Singh Mumick, Berkeley Heights, NJ;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	PATENT NUMBER	GROUP ART UNIT	FILE WRAPPER LOCATION
14/051,735	10552030	2145	9200

OC000000122129960

Correspondence Address/Fee Address Change

The following fields have been set to Customer Number 64188 on 07/17/2020

- **Correspondence Address**
- **Maintenance Fee Address**

The address of record for Customer Number 64188 is:

64188
ASHOK TANKHA
36 GREENLEIGH DRIVE
SEWELL, NJ 08080

PART 1 - ATTORNEY/APPLICANT COPY

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas, Marshall Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:21-cv-00437	11/29/2021	for the Eastern District of Texas, Marshall Division

PLAINTIFF	DEFENDANT
MULTIMODAL MEDIA LLC	ZTE CORPORATION

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	7,929,949	4/19/2011	Multimodal Media LLC
2	8,107,978	1/31/2012	Multimodal Media LLC
3	9,185,227	11/10/2015	Multimodal Media LLC
4	10,552,030	2/4/2020	Multimodal Media LLC
5			

In the above---entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
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5		

In the above---entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1---Upon initiation of action, mail this copy to Director Copy 3---Upon termination of action, mail this copy to Director
Copy 2---Upon filing document adding patent(s), mail this copy to Director Copy 4---Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

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☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:21-cv-00436	11/29/2021	for the Eastern District of Texas, Marshall Division

PLAINTIFF	DEFENDANT
MULTIMODAL MEDIA LLC	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	7,929,949	4/19/2011	Multimodal Media LLC
2	8,107,978	1/31/2012	Multimodal Media LLC
3	9,185,227	11/10/2015	Multimodal Media LLC
4	10,552,030	2/4/2020	Multimodal Media LLC
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AO 120 (Rev. 08/10)

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Mail Stop 8 **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	

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☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

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2	8,107,978	1/31/2012	Multimodal Media LLC
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Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**