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(54) Title: GAZE BASED DICTATION

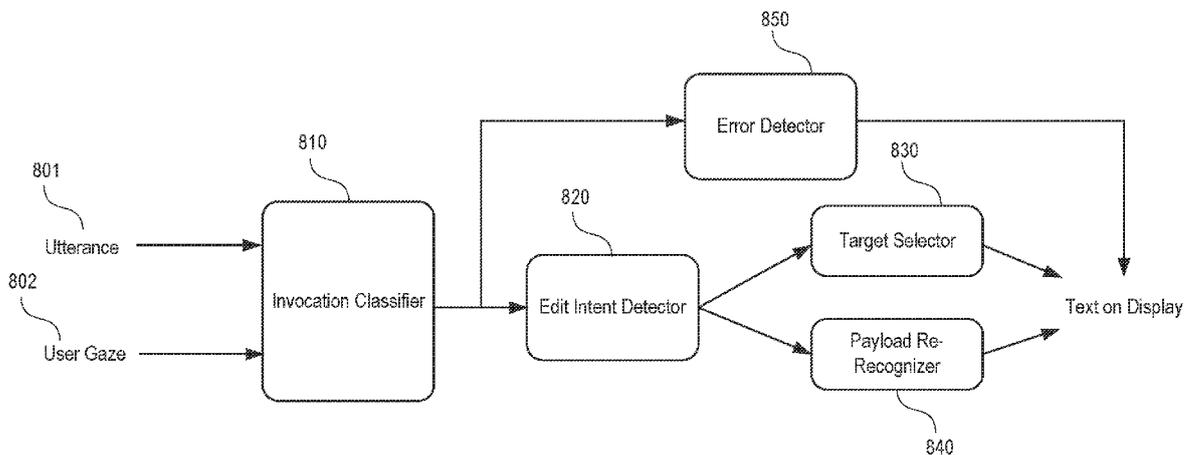


FIG. 8

(57) Abstract: Systems and processes for operating an intelligent dictation system based on gaze are provided. An example method includes, at an electronic device having one or more processors and memory, detecting a gaze of a user, determining based on the detected gaze of the user, whether to enter a dictation mode, and in accordance with a determination to enter the dictation mode: receiving an utterance; determining, based on the detected gaze of the user and the utterance, whether to enter an editing mode; and in accordance with a determination not to enter the editing mode, displaying a textual representation of the utterance on a screen of the electronic device.



KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F3/01 G06F3/023 G06F3/16 G10L15/22 G06F3/04886
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
G06F G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Products For Pals - Als Tech: "Skyle for iPad Pro eye gaze control real world review", 13 August 2020 (2020-08-13), XP093006810, Retrieved from the Internet: URL:https://www.youtube.com/watch?v=_3TxZtDJpFo [retrieved on 2022-12-10]	1-33, 38-45
Y	* the whole video * ----- -/--	34-37, 46-66

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 2 March 2023	Date of mailing of the international search report 13/03/2023
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer del Rey, Marco
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INTERNATIONAL SEARCH REPORT

International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>Rick Castellini: "How to enable and use dictation with an iPhone or iPad", / 7 September 2017 (2017-09-07), XP093006809, Retrieved from the Internet: URL:https://www.youtube.com/watch?v=8w133yN6rTU [retrieved on 2022-12-10] * the whole video *</p> <p>-----</p>	1-66
Y	<p>US 2015/293602 A1 (KAY DAVID [US] ET AL) 15 October 2015 (2015-10-15) paragraphs [0091] - [0093]; figure 5g</p> <p>-----</p>	34-37, 46-66
A	<p>US 2017/206002 A1 (BADGER ERIC NORMAN [US] ET AL) 20 July 2017 (2017-07-20) paragraphs [0068] - [0071]; figure 2</p> <p>-----</p>	34-37, 46-66

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2022/042331

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims;; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-33, 38-45

(a) A gaze-controllable interface operable on the screen of an electronic device,
(i) further comprising a dictation mode and a text-editing mode,
and/or other straightforward aspects or features found without additional effort, in particular features disclosed by (or obvious from) the combination of D1 and D2.

2. claims: 34-37, 46-66

(a) A gaze-controllable interface operable on the screen of an electronic device,
(ii) further comprising means to correct displayed text with suggested text.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2022/042331

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2015293602 A1	15-10-2015	CN 103038728 A	10-04-2013
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