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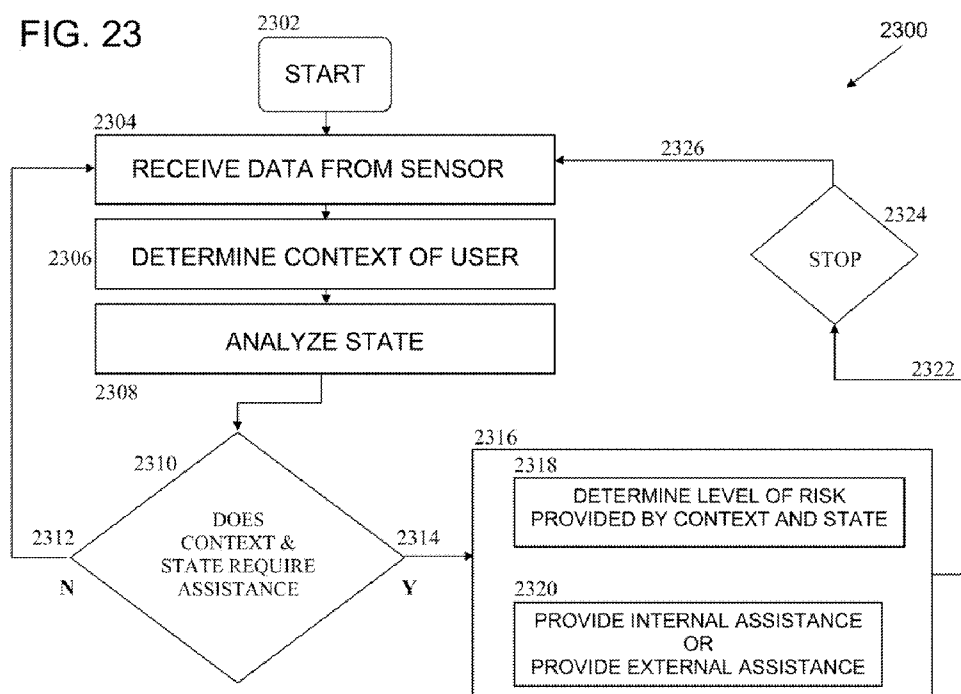
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Sheung Wan, Hong Kong (CN).(81) Designated States (unless otherwise indicated, for every
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DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
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.

(54) Title: EYEWEAR SYSTEMS, APPARATUSES, AND METHODS FOR PROVIDING ASSISTANCE TO USER

FIG. 23



(57) Abstract: Systems, apparatuses, and methods are taught that provide assistance to a user through an eyewear device. Data is received from a first sensor. The first sensor is incorporated into an eyewear device. The first sensor measures a parameter related to the user. A state of the user is analyzed using the data. Assistance is provided to the user. The assistance is in of feedback, and the feedback is related to the state of the user. The assistance can also be related to a context of the user and a state of the user. The context of the user is determined from the data.





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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2020/000021

A. CLASSIFICATION OF SUBJECT MATTER

G02C 11/00(2006.01)i

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)

G02C;A61B;G06F

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)

CNKI;CNPAT;WPI;EPODOC: state, status, condition, context, eyeglass??, eyewear, user, sound, voice, alert, broadcast, analysis+, wearable, assistance, feedback, correct, temple

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 201060334 Y (SHENZHEN UNIVERSITY) 14 May 2008 (2008-05-14) description, page 2 line 21 to page 3 line 14	1-38
X	US 2015087924 A1 (QUANTA COMPUTERS INC.) 26 March 2015 (2015-03-26) description, paragraphs 0015-0032	1-38
X	CN 206532049 U (HENAN TECHNOLOGY UNIVERSITY) 29 September 2017 (2017-09-29) description, paragraphs 0007-0019	1-38
A	US 2015161783 A1 (INTERNATIONAL BUSINESS MACHINES CORPORATION) 11 June 2015 (2015-06-11) the whole document	1-38
A	WO 2014088971 A1 (MICROSOFT CORP.) 12 June 2014 (2014-06-12) the whole document	1-38

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

* Special categories of cited documents:

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“O” document referring to an oral disclosure, use, exhibition or other means

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“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

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“&” document member of the same patent family

Date of the actual completion of the international search

03 July 2020

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	201060334	Y	14 May 2008	None			
US	2015087924	A1	26 March 2015	CN	104434058	A	25 March 2015
				TW	201511734	A	01 April 2015
CN	206532049	U	29 September 2017	None			
US	2015161783	A1	11 June 2015	US	2017095151	A1	06 April 2017
WO	2014088971	A1	12 June 2014	EP	2929424	A1	14 October 2015
				JP	2016507802	A	10 March 2016
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				US	2014160424	A1	12 June 2014
				KR	20150091322	A	10 August 2015