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.
17/935,468	09/26/2022	Ronald D. Blum	EVSO-012US09	7596

149890 7590 04/30/2024

SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

EXAMINER
ALEXANDER, WILLIAM R

ART UNIT	PAPER NUMBER
2872	

NOTIFICATION DATE	DELIVERY MODE
04/30/2024	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@smithbaluch.com
eofficeaction@appcoll.com
smith@smithbaluch.com

Luxottica v. e-Vision
IPR2025-01512
Luxottica Ex. 1002

APPLICATION NO.	ISSUE DATE	PATENT NO.
17/935,468	30-Apr-2024	11971612

SMITH BALUCH LLP
376 BOYLSTON ST
BOSTON, MA 02116

EGRANT NOTIFICATION

Your electronic patent grant (eGrant) is now available, which can be accessed via Patent Center at https://patentcenter.uspto.gov

The electronic patent grant is the official patent grant under 35 U.S.C. 153. For more information, please visit https://www.uspto.gov/electronicgrants

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.
17/935,468	04/30/2024	11971612	EVSO-012US09	7596

149890 7590 04/10/2024

SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

ISSUE NOTIFICATION

The projected patent number and issue date are specified above. The patent will issue electronically. The electronically issued patent is the official patent grant pursuant to 35 U.S.C. § 153. The patent may be accessed on or after the issue date through Patent Center at https://patentcenter.uspto.gov/. The patent will be available in both the public and the private sides of Patent Center. Further assistance in electronically accessing the patent, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-888-217-9197.

The USPTO is implementing electronic patent issuance with a transition period, during which period the USPTO will mail a ceremonial paper copy of the electronic patent grant to the correspondence address of record. Additional copies of the patent (i.e., certified and presentation copies) may be ordered for a fee from the USPTO's Certified Copy Center at https://certifiedcopycenter.uspto.gov/index.html. The Certified Copy Center may be reached at (800)972-6382.

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 33 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 Center (https://patentcenter.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 Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PATENT CENTER site https://patentcenter.uspto.gov for additional inventors):

Ronald D. Blum, Roanoke, VA;
Yongping Wang, Philadelphia, PA;
Mark Graham, Roanoke, VA;
William Kokonaski, Gig Harbor, WA;
Richard Clompus, Roanoke, VA;

APPLICANT(s) (Please see PATENT CENTER site https://patentcenter.uspto.gov for additional applicants):

e-Vision Smart Optics, Inc., Sarasota, FL;

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.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

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 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. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

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

149890 7590 03/25/2024

SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

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 the USPTO patent electronic filing system 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.
17/935,468	09/26/2022	Ronald D. Blum	EVSO-012US09	7596

TITLE OF INVENTION: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	06/25/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALEXANDER, WILLIAM R	2872	351-158000

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/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 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 Smith Baluch LLP
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: e-Vision Smart Optics, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Sarasota, FL

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)

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

☒ Electronic Payment via the USPTO patent electronic filing system ☐ 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

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.

☐ 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.

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 /Christopher Max Colice/ Date March 29, 2024

Typed or printed name Christopher Max Colice Registration No. 65,634

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**03/29/2024 04:03:50 PM Z ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Christopher Colice
PATENT CENTER #	64898528	AUTHORIZED BY	Christopher Colice
CUSTOMER #	149890	FILING DATE	09/26/2022
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Ronald D. Blum

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 1006	**E20243SG05019161**	**Marie Spakowski**

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
1501	UTILITY ISSUE FEE	1200.00	1	1200.00
			TOTAL AMOUNT:	**$1,200.00**

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 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.

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**03/29/2024 04:03:50 PM Z ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Christopher Colice
PATENT CENTER #	64898528	FILING DATE	09/26/2022
CUSTOMER #	149890	FIRST NAMED INVENTOR	Ronald D. Blum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Christopher Colice

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
EVSO-012US09 Issue Fee Transmittal.pdf	1	Issue Fee Payment (PTO-85B)	159 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
EVSO-012US09 Issue Fee Transmittal.pdf	A3ACA9D292A55A19A4A595231E0F2757B431F266FE7B14C49DFD87745CA16819257EA5F53F8E3CBEA8C546CEFFFFCAA9F564DF147C725AD7BB7B76C24545ED54

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 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.

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

149890 7590 03/25/2024

SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

EXAMINER	
ALEXANDER, WILLIAM R	
ART UNIT	**PAPER NUMBER**
2872	

DATE MAILED: 03/25/2024

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/935,468	09/26/2022	Ronald D. Blum	EVSO-012US09	7596

TITLE OF INVENTION: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	06/25/2024

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 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted 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. 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.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

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 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. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

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

149890 7590 03/25/2024

SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

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 the USPTO patent electronic filing system 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.
17/935,468	09/26/2022	Ronald D. Blum	EVSO-012US09	7596

TITLE OF INVENTION: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	06/25/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALEXANDER, WILLIAM R	2872	351-158000

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/AIA/122 or PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 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)

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

❑ Electronic Payment via the USPTO patent electronic filing system ❑ 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

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.

❑ 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.

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. _____

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.
17/935,468	09/26/2022	Ronald D. Blum	EVSO-012US09	7596

149890 7590 03/25/2024

SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

EXAMINER	
ALEXANDER, WILLIAM R	
ART UNIT	**PAPER NUMBER**
2872	

DATE MAILED: 03/25/2024

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.

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. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/ owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).
https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf

Routine uses of the information in this record may include disclosure to:

1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
2) a federal, state, local, or international agency, in response to its request;
3) a contractor of the USPTO having need for the information in order to perform a contract;
4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
8) 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));
9) the Office of Personnel Management (OPM) for personnel research purposes; and
10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

Notice of Allowability	Application No. 17/935,468	Applicant(s) Blum et al.	
	Examiner WILLIAM R ALEXANDER	Art Unit 2872	AIA (FITF) Status No

-- 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 3/12/2024.
   ☐ 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 1,4-25 and 27-30 . 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 _____.

/WILLIAM R ALEXANDER/
Primary Examiner, Art Unit 2872

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Response to Amendments/Arguments

Applicant's arguments (filed 3/12/2024, pages 6-7) have been fully considered and are persuasive. Examiner withdraws the 102 rejection of claims 1, 4-8, 21-24, 29, and 30 and also withdraws the 103 rejection of claims 25-28.

Reasons for Allowance/Examiner's Comments

Claims 1, 4-25, and 27-30 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: with respect to the allowable subject matter, none of the prior art either alone or in combination disclose or teach of the claimed combination of limitations to warrant a rejection under 35 USC 102 or 103.

Specifically, regarding the allowability of independent claim 9: The prior art of record does not disclose or suggest eyewear comprising "… wherein the verbal query causes the external device to obtain the response to the verbal query by searching a computer network for the response to the verbal query.", along with other claim limitations. Claims 1, 4-8, 10-16, 21-25, and 27-30 are allowable due to pendency on independent claim 9.

Specifically, regarding the allowability of independent claim 17: The prior art of record does not disclose or suggest a method comprising "…the verbal query causing the external device to search a computer network for a response to the verbal query.",

along with other claim limitations. Claims 18-20 are allowable due to pendency on independent claim 17.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to WILLIAM R ALEXANDER whose telephone number is (571)270-7656. The examiner can normally be reached on M-F 8:30 AM- 4:00 PM.

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, Pinping Sun, can be reached on (571) 270-1284. 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.

/WILLIAM R ALEXANDER/
Primary Examiner, Art Unit 2872

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/935,468	Blum et al.
	Examiner	Art Unit
	WILLIAM R ALEXANDER	2872

CPC - Searched*		
Symbol	**Date**	**Examiner**
G02C11/10,04,06	12/22/2023	WA
G02C7/081	12/22/2023	WA
G05B15/02	12/22/2023	WA
G06K19/0715,07762	12/22/2023	WA
A61F9/061	12/22/2023	WA
Updated	03/18/2024	WA

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
351	158	12/22/2023	WA
	Updated	03/18/2024	WA

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

/WILLIAM R ALEXANDER/ Primary Examiner, Art Unit 2872	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/935,468	Blum et al.
	Examiner	Art Unit
	WILLIAM R ALEXANDER	2872

Search Notes		
Search Notes	**Date**	**Examiner**
CPC:G02C11/10,04,06,G02C7/081,G05B15/02,G06K19/0715,07762 ,A61F9/061,USPC: 351/158, USPC/CPC combined with Text Search. See search history Printout.	12/22/2023	WA
PE2E Search-Text Search. See Search History Printout.Inventor Search-PE2E Search. See Search History Printout.Applicant Search-PE2E Search. See Search History Printout.	12/22/2023	WA
Global Dossier	12/22/2023	WA
Updated	03/18/2024	WA

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
	PGPub/USPAT. East Search-Claim Text Search. See Interference Search Printout.	12/22/2023	WA
	Updated	03/18/2024	WA

/WILLIAM R ALEXANDER/ Primary Examiner, Art Unit 2872	

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/935,468	Blum et al.
	Examiner	**Art Unit**
	WILLIAM R ALEXANDER	2872

CPC						
Symbol					**Type**	**Version**
G02C	/	11	/	10	F	2013-01-01
G02C	/	11	/	06	I	2013-01-01
G02C	/	7	/	081	I	2013-01-01
G02C	/	11	/	04	I	2013-01-01
G05B	/	15	/	02	I	2013-01-01
G06K	/	19	/	0715	I	2013-01-01
G06K	/	19	/	07762	I	2013-01-01
A61F	/	9	/	061	A	2013-01-01

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

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	27	
/WILLIAM R ALEXANDER/ Primary Examiner, Art Unit 2872	18 March 2024	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	15

U.S. Patent and Trademark Office — Part of Paper No.: 20240318

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/935,468	Blum et al.
	Examiner	**Art Unit**
	WILLIAM R ALEXANDER	2872

INTERNATIONAL CLASSIFICATION				
CLAIMED				
G02C	/	11	/	00

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**
351	158

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

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	27	
/WILLIAM R ALEXANDER/ Primary Examiner, Art Unit 2872	18 March 2024	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	15

U.S. Patent and Trademark Office — Part of Paper No.: 20240318

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/935,468	Blum et al.
	Examiner	Art Unit
	WILLIAM R ALEXANDER	2872

☐ 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
2	1	16	10	26	19	12	28								
	2	17	11	27	20	13	29								
	3	18	12	23	21	14	30								
3	4	19	13	7	22										
4	5	20	14	8	23										
5	6	21	15	9	24										
15	7	22	16	10	25										
6	8	24	17		26										
1	9	25	18	11	27										

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	27	
/WILLIAM R ALEXANDER/ Primary Examiner, Art Unit 2872	18 March 2024	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	15

U.S. Patent and Trademark Office — Part of Paper No.: 20240318

Bibliographic Data

Application No: 17/935,468

Foreign Priority claimed: ○ Yes ◉ No

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

Verified and Acknowledged: /WILLIAM R ALEXANDER/ Examiner's Signature | Initials

Title: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/26/2022	351	2872	EVSO-012US09
RULE			

APPLICANTS

e-Vision Smart Optics, Inc., Sarasota, FL, UNITED STATES

INVENTORS

Ronald D. Blum, Roanoke, VA, UNITED STATES

Yongping Wang, Philadelphia, PA, UNITED STATES

Mark Graham, Roanoke, VA, UNITED STATES

William Kokonaski, Gig Harbor, WA, UNITED STATES

Richard Clompus, Roanoke, VA, UNITED STATES

CONTINUING DATA

This application is a CON of 16819262 03/16/2020 PAT 11487138

16819262 is a CON of 15975353 05/09/2018 PAT 10598960

15975353 is a CON of 14808239 07/24/2015 PAT 10114235

14808239 is a CON of 13735887 01/07/2013 PAT 9122083

13735887 has PRO of 61640425 04/30/2012

13735887 has PRO of 61638150 04/25/2012

13735887 has PRO of 61622092 04/10/2012

13735887 has PRO of 61583940 01/06/2012

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

10/06/2022

STATE OR COUNTRY

UNITED STATES

ADDRESS

SMITH BALUCH LLP

376 BOYLSTON ST
STE 401
BOSTON, MA 02116
UNITED STATES

FILING FEE RECEIVED

$1,980

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	1	"17935468"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 11:51 AM
L2	2174	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:31 PM
L3	137477	(G02C11/10 OR G02C7/081 OR G02C11/04 OR G02C11/06 OR G05B15/02 OR G06K19/0715 OR G06K19/07762 OR A61F9/061).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:33 PM
L4	1459	351/158.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:33 PM
L5	139271	L3 L4	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2023/12/21 01:33 PM

			IBM_TDB)				
L6	77	L2 AND L5	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:34 PM
L7	38	L2 AND L5	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:34 PM
L8	1	L7 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:34 PM
L9	38604	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:37 PM
L10	1230	L5 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:37 PM
L11	712	L5 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:38 PM

L12	25	L11 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:40 PM
L13	24	L12 NOT blum	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:41 PM
L14	43	"20100110368"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 02:54 PM
L15	1	"20100110368".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 02:54 PM
L16	349	("2010/0110368").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/12/21 02:54 PM
L17	43	(Artificial Intelligence) More like doc: US-20100110368-A1 Text: (WO-2010062479-A1 OR US-20220163806-A1 OR EP-2486450-A1 OR WO-2010062481-A1 OR EP-2486450-B1 OR TW-I607240-B OR CN-103119512-A OR TW-201344241-A OR KR-101879601-B1 OR KR-20140053341-A OR WO-2013134204-A1 OR KR-20180084145-A OR CN-114730100-A OR US-20220099983-A1 OR AU-2005269254-A1 OR BR-102012012196-A2 OR CA-2576016-A1 OR CN-103852890-B OR JP-2015509209-A OR CN-103852890-A).did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 02:54 PM
L18	392	L16 L17	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 02:55 PM
L19	85	L18 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY,	OR	ON	ON	2023/12/21 02:56 PM

			CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L20	0	L19 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 02:57 PM
L21	80	L18 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 02:59 PM
L22	13	L18 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 03:00 PM
L23	2	L18 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:01 PM
L24	1439	((("BLUM") near3 ("Ronald")) OR (("WANG") near3 ("Yongping")) OR (("GRAHAM") near3 ("Mark")) OR (("KOKONASKI") near3 ("William")) OR (("CLOMPUS") near3 ("Richard"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/12/21 03:07 PM
L25	71	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3 ("INC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/12/21 03:07 PM
L26	281	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3 ("INC"))).AS,AANM.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	OR	ON	ON	2023/12/21 03:07 PM

			HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L27	7002	L24 L26	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 03:07 PM
L28	109	L9 AND L27	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 03:08 PM
L29	20	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO;	OR	ON	ON	2023/12/21 03:09 PM

			JPO; DERWENT; IBM_TDB)				
L30	9	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:09 PM
L31	9	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function))	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:10 PM
L32	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:10 PM
L33	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:11 PM
L34	652	((eyewear ADJ frame)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:11 PM
L35	1	((eyewear ADJ frame) AND (electronic ADJ lens)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:11 PM
L36	0	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:12 PM
L37	236	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:13 PM
L38	236	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display AND microphone).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:13 PM
L39	40	((virtual ADJ reality) AND (augmented ADJ reality) AND	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:13 PM

		microphone AND display AND microphone AND frame).clm.					
L40	4	((eyewear ADJ frame) AND microphone AND (verbal ADJ query)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:17 PM
L42	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2023/12/22 07:56 AM
L43	752	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 11:13 AM
L44	14	L43 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 11:15 AM
L45	4	L43 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 11:15 AM
L46	4520	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	OR	ON	ON	2023/12/22 11:20 AM

		OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L47	51	L46 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 11:20 AM
L48	24	L46 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 11:20 AM
L49	7	"20100110368".pn.334	(US-PGPUB)	OR	ON	ON	2023/12/22 12:22 PM
L50	1	"20100045928".pn.	(US-PGPUB)	OR	ON	ON	2023/12/22 01:57 PM
L51	1715	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$ AND ((batter$3 OR power) near20 (temple OR stem OR ear)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 05:31 PM
L52	31	L51 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 05:31 PM
L53	1	"6349001".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 06:18 PM
L54	9062	(goggles AND display AND microphone AND batter$3 AND lens AND	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY,	OR	ON	ON	2023/12/22 06:22 PM

		(virtual OR augmented))	CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L55	415	L5 AND L54	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 06:23 PM
L56	273	L5 AND L54	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 06:23 PM
L57	26	L56 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 06:23 PM
L58	1	"6771423".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 06:40 PM
L59	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2023/12/22 06:45 PM
L60	1837	("10114235"|"10598960"|"20010055094"|"20020049374"|"20020060525"|"20020140899"|"20020149739"|"20020186346"|"20030018383"|"20030103413"|"20030112523"|"20030151721"|"20030199978"|"20030208265"|"20030210377"|"20040000733"|"20040008157"|"20040008319"|"20040108971"|"20040117011"|"20040130677"|"20040160573"|"20040179280"|"20040181404"|"20040186533"|"20040196435"|"200402354	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 08:01 PM

		16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452 9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|" 4927241"|"4929865"|"4 930884"|"4944584"|"49				

		45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862 04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6 165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64 37925"|"6464363"|"649 1391"|"6491394"|"6501					

		443"|"6517203"|"65544 25"|"6609794"|"661440 8"|"6616275"|"6616279" |"6618208"|"6619799"|" 6626532"|"6631001"|"6 638304"|"6643552"|"66 52096"|"6667471"|"668 2195"|"6705729"|"6709 105"|"6709107"|"67091 08"|"6714133"|"673313 0"|"6738199"|"6768536" |"6769767"|"6774871"|" 6778246"|"6793340"|"6 830193"|"6833938"|"68 40619"|"6851805"|"685 7741"|"6859333"|"6871 951"|"6883916"|"68869 38"|"6893124"|"689475 1"|"6902271"|"6918570" |"6918670"|"6948818"|" 6951391"|"6955433"|"6 956682"|"6976982"|"69 86579"|"7008054"|"700 9757"|"7018040"|"7019 890"|"7023594"|"70346 19"|"7041133"|"707751 9"|"7085065"|"7130664" |"7133172"|"7137702"|" 7159981"|"7159983"|"7 188948"|"7192136"|"71 95353"|"7209097"|"722 9173"|"7255437"|"7290 876"|"7380936"|"73961 26"|"7401918"|"740463 6"|"7438410"|"7461936" |"7475984"|"7481531"|" 7500746"|"7500747"|"7 543934"|"7581833"|"76 07775"|"7621634"|"763 1968"|"7677723"|"7760 898"|"7771046"|"77925 52"|"7806525"|"783105 5"|"7922321"|"7988283" |"8025396"|"8089511"|" 8109629"|"8174569"|"8 337013"|"8430507"|"84 34863"|"8465151"|"850 0271"|"8770742"|"8915 588"|"8931896"|"91220 83"|"9124796"|"D29825 0"|"D342063"|"D350342 "|"RE35691").PN.					
L61	364	("10114235"|"10598960 "|"20010055094"|"2002 0049374"|"2002006052 5"|"20020140899"|"200 20149739"|"200201863	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 08:01 PM

		46"|"20030018383"|"20 030103413"|"20030112 523"|"20030151721"|"2 0030199978"|"2003020 8265"|"20030210377"|" 20040000733"|"200400 08157"|"20040008319"| "20040108971"|"20040 117011"|"20040130677 "|"20040160573"|"2004 0179280"|"2004018140 4"|"20040186533"|"200 40196435"|"200402354 16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452 9268"|"4564267"|"4572 616"|"4577928"|"46015					

		45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|" 4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862 04"|"6091546"|"609183 2"|"6095651"|"6099117"					

		|"6115177"|"6139148"|"6145987"|"6157291"|"6165123"|"6184847"|"6188525"|"6191881"|"6199984"|"6199986"|"6204974"|"6213602"|"6270220"|"6271915"|"6282449"|"6299311"|"6305802"|"6325508"|"6338559"|"6350031"|"6390623"|"6396622"|"6437762"|"6437925"|"6464363"|"6491391"|"6491394"|"6501443"|"6517203"|"6554425"|"6609794"|"6614408"|"6616275"|"6616279"|"6618208"|"6619799"|"6626532"|"6631001"|"6638304"|"6643552"|"6652096"|"6667471"|"6682195"|"6705729"|"6709105"|"6709107"|"6709108"|"6714133"|"6733130"|"6738199"|"6768536"|"6769767"|"6774871"|"6778246"|"6793340"|"6830193"|"6833938"|"6840619"|"6851805"|"6857741"|"6859333"|"6871951"|"6883916"|"6886938"|"6893124"|"6894751"|"6902271"|"6918570"|"6918670"|"6948818"|"6951391"|"6955433"|"6956682"|"6976982"|"6986579"|"7008054"|"7009757"|"7018040"|"7019890"|"7023594"|"7034619"|"7041133"|"7077519"|"7085065"|"7130664"|"7133172"|"7137702"|"7159981"|"7159983"|"7188948"|"7192136"|"7195353"|"7209097"|"7229173"|"7255437"|"7290876"|"7380936"|"7396126"|"7401918"|"7404636"|"7438410"|"7461936"|"7475984"|"7481531"|"7500746"|"7500747"|"7543934"|"7581833"|"7607775"|"7621634"|"7631968"|"7677723"|"7760898"|"7771046"|"7792552"|"7806525"|"7831055"|"7922321"|"7988283"|"8025396"|"8089511"|"8109629"|"8174569"|"8					

		337013"|"8430507"|"8434863"|"8465151"|"8500271"|"8770742"|"8915588"|"8931896"|"9122083"|"9124796"|"D298250"|"D342063"|"D350342"|"RE35691").PN.					
L62	1	"17935468"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L63	2347	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L64	139573	(G02C11/10 OR G02C7/081 OR G02C11/04 OR G02C11/06 OR G05B15/02 OR G06K19/0715 OR G06K19/07762 OR A61F9/061).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L65	1459	351/158.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L66	141367	L3 L4	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN,	OR	ON	ON	2024/03/18 01:09 PM

			WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L67	79	L2 AND L5	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L68	39	L2 AND L5	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L69	1	L7 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L70	41295	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L71	1304	L5 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM

L72	747	L5 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L73	25	L11 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L74	24	L12 NOT blum	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L75	64	"20100110368"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L76	1	"20100110368".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L77	349	("2010/0110368").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/18 01:09 PM
L78	43	(Artificial Intelligence) More like doc: US-20100110368-A1 Text: (WO-2010062479-A1 OR US-20220163806-A1 OR EP-2486450-A1 OR WO-2010062481-A1 OR EP-2486450-B1 OR TW-I607240-B OR CN-103119512-A OR TW-201344241-A OR KR-101879601-B1 OR KR-20140053341-A OR KR-20180084145-A OR US-9900676-B2 OR US-20160192048-A1 OR BR-102012012196-A2 OR CA-2576016-A1 OR CN-104812342-A OR CN-103792683-B OR CN-104812342-B OR CA-2576010-C OR CA-2576026-A1).did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L79	392	L16 L17	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L80	85	L18 AND L9	(US-PGPUB; USPAT;	OR	ON	ON	2024/03/18

			USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				01:09 PM
L81	0	L19 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L82	80	L18 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L83	13	L18 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L84	2	L18 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L85	1445	((("BLUM") near3 ("Ronald")) OR (("WANG") near3 ("Yongping")) OR (("GRAHAM") near3 ("Mark")) OR (("KOKONASKI") near3 ("William")) OR (("CLOMPUS") near3 ("Richard"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/18 01:09 PM
L86	72	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3 ("INC"))).AS,AANM.	(USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L87	289	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3 ("INC"))).AS,AANM.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU,	OR	ON	ON	2024/03/18 01:09 PM

			CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L88	7030	L24 L26	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L89	109	L9 AND L27	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L90	20	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH,	OR	ON	ON	2024/03/18 01:09 PM

			TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L91	9	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L92	9	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function))	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L93	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L94	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L95	658	((eyewear ADJ frame)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L96	1	((eyewear ADJ frame) AND (electronic ADJ lens)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L97	0	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L98	248	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L99	248	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display AND microphone).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L100	41	((virtual ADJ reality)	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18

		AND (augmented ADJ reality) AND microphone AND display AND microphone AND frame).clm.					01:09 PM
L101	4	((eyewear ADJ frame) AND microphone AND (verbal ADJ query)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L102	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:09 PM
L103	834	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L104	14	L43 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L105	4	L43 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L106	4840	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND microphone AND	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	OR	ON	ON	2024/03/18 01:09 PM

		(((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L107	51	L46 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L108	24	L46 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L109	7	"20100110368".pn.334	(US-PGPUB)	OR	ON	ON	2024/03/18 01:09 PM
L110	1	"20100045928".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:09 PM
L111	1836	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$ AND ((batter$3 OR power) near20 (temple OR stem OR ear)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L112	31	L51 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L113	1	"6349001".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L114	9699	(goggles AND display	(US-PGPUB; USPAT;	OR	ON	ON	2024/03/18

		AND microphone AND batter$3 AND lens AND (virtual OR augmented))	USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				01:09 PM
L115	427	L5 AND L54	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM
L116	277	L5 AND L54	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L117	26	L56 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L118	1	"6771423".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM
L119	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:09 PM
L120	1850	("10114235"|"10598960"|"20010055094"|"20020049374"|"20020060525"|"20020140899"|"20020149739"|"20020186346"|"20030018383"|"20030103413"|"20030112523"|"20030151721"|"20030199978"|"20030208265"|"20030210377"|"20040000733"|"20040008157"|"20040008319"|"20040108971"|"20040117011"|"20040130677"|"20040160573"|"20040179280"|"20040181400	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:09 PM

		4"|"20040186533"|"200 40196435"|"200402354 16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452 9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|"					

		4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862 04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6 165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64					

		37925"|"6464363"|"649 1391"|"6491394"|"6501 443"|"6517203"|"65544 25"|"6609794"|"661440 8"|"6616275"|"6616279" |"6618208"|"6619799"|" 6626532"|"6631001"|"6 638304"|"6643552"|"66 52096"|"6667471"|"668 2195"|"6705729"|"6709 105"|"6709107"|"67091 08"|"6714133"|"673313 0"|"6738199"|"6768536" |"6769767"|"6774871"|" 6778246"|"6793340"|"6 830193"|"6833938"|"68 40619"|"6851805"|"685 7741"|"6859333"|"6871 951"|"6883916"|"68869 38"|"6893124"|"689475 1"|"6902271"|"6918570" |"6918670"|"6948818"|" 6951391"|"6955433"|"6 956682"|"6976982"|"69 86579"|"7008054"|"700 9757"|"7018040"|"7019 890"|"7023594"|"70346 19"|"7041133"|"707751 9"|"7085065"|"7130664" |"7133172"|"7137702"|" 7159981"|"7159983"|"7 188948"|"7192136"|"71 95353"|"7209097"|"722 9173"|"7255437"|"7290 876"|"7380936"|"73961 26"|"7401918"|"740463 6"|"7438410"|"7461936" |"7475984"|"7481531"|" 7500746"|"7500747"|"7 543934"|"7581833"|"76 07775"|"7621634"|"763 1968"|"7677723"|"7760 898"|"7771046"|"77925 52"|"7806525"|"783105 5"|"7922321"|"7988283" |"8025396"|"8089511"|" 8109629"|"8174569"|"8 337013"|"8430507"|"84 34863"|"8465151"|"850 0271"|"8770742"|"8915 588"|"8931896"|"91220 83"|"9124796"|"D29825 0"|"D342063"|"D350342 "|"RE35691").PN.					
L121	364	("10114235"|"10598960 "|"20010055094"|"2002 0049374"|"2002006052	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:09 PM

		5"|"20020140899"|"200 20149739"|"200201863 46"|"20030018383"|"20 030103413"|"20030112 523"|"20030151721"|"2 0030199978"|"2003020 8265"|"20030210377"|" 20040000733"|"200400 08157"|"20040008319"| "20040108971"|"20040 117011"|"20040130677 "|"20040160573"|"2004 0179280"|"2004018140 4"|"20040186533"|"200 40196435"|"200402354 16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452					

		9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|" 4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862					

		04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6 165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64 37925"|"6464363"|"649 1391"|"6491394"|"6501 443"|"6517203"|"65544 25"|"6609794"|"661440 8"|"6616275"|"6616279" |"6618208"|"6619799"|" 6626532"|"6631001"|"6 638304"|"6643552"|"66 52096"|"6667471"|"668 2195"|"6705729"|"6709 105"|"6709107"|"67091 08"|"6714133"|"673313 0"|"6738199"|"6768536" |"6769767"|"6774871"|" 6778246"|"6793340"|"6 830193"|"6833938"|"68 40619"|"6851805"|"685 7741"|"6859333"|"6871 951"|"6883916"|"68869 38"|"6893124"|"689475 1"|"6902271"|"6918570" |"6918670"|"6948818"|" 6951391"|"6955433"|"6 956682"|"6976982"|"69 86579"|"7008054"|"700 9757"|"7018040"|"7019 890"|"7023594"|"70346 19"|"7041133"|"707751 9"|"7085065"|"7130664" |"7133172"|"7137702"|" 7159981"|"7159983"|"7 188948"|"7192136"|"71 95353"|"7209097"|"722 9173"|"7255437"|"7290 876"|"7380936"|"73961 26"|"7401918"|"740463 6"|"7438410"|"7461936" |"7475984"|"7481531"|" 7500746"|"7500747"|"7 543934"|"7581833"|"76 07775"|"7621634"|"763 1968"|"7677723"|"7760 898"|"7771046"|"77925 52"|"7806525"|"783105 5"|"7922321"|"7988283"					

		|"8025396"|"8089511"|"8109629"|"8174569"|"8337013"|"8430507"|"8434863"|"8465151"|"8500271"|"8770742"|"8915588"|"8931896"|"9122083"|"9124796"|"D298250"|"D342063"|"D350342"|"RE35691").PN.					
L122	1	"17935468"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L123	2347	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L124	139573	(G02C11/10 OR G02C7/081 OR G02C11/04 OR G02C11/06 OR G05B15/02 OR G06K19/0715 OR G06K19/07762 OR A61F9/061).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L125	1459	351/158.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L126	141367	L3 L4	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE,	OR	ON	ON	2024/03/18 01:17 PM

			SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L127	79	L2 AND L5	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L128	39	L2 AND L5	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L129	1	L7 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L130	41295	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L131	1304	L5 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/03/18 01:17 PM

			IBM_TDB)				
L132	747	L5 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L133	25	L11 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L134	24	L12 NOT blum	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L135	64	"20100110368"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L136	1	"20100110368".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L137	349	("2010/0110368").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/18 01:17 PM
L138	43	(Artificial Intelligence) More like doc: US-20100110368-A1 Text: (WO-2010062479-A1 OR US-20220163806-A1 OR EP-2486450-A1 OR WO-2010062481-A1 OR EP-2486450-B1 OR TW-I607240-B OR CN-103119512-A OR TW-201344241-A OR KR-101879601-B1 OR KR-20140053341-A OR KR-20180084145-A OR US-9900676-B2 OR US-20160192048-A1 OR BR-102012012196-A2 OR CA-2576016-A1 OR CN-104812342-A OR CN-103792683-B OR CN-104812342-B OR CA-2576010-C OR CA-2576026-A1).did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L139	392	L16 L17	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM

L140	85	L18 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L141	0	L19 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L142	80	L18 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L143	13	L18 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L144	2	L18 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L145	1445	((("BLUM") near3 ("Ronald")) OR (("WANG") near3 ("Yongping")) OR (("GRAHAM") near3 ("Mark")) OR (("KOKONASKI") near3 ("William")) OR (("CLOMPUS") near3 ("Richard"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/18 01:17 PM
L146	72	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3 ("INC"))).AS,AANM.	(USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L147	289	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY,	OR	ON	ON	2024/03/18 01:17 PM

		("INC"))).AS,AANM.	CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L148	7030	L24 L26	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L149	109	L9 AND L27	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L150	20	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE,	OR	ON	ON	2024/03/18 01:17 PM

			SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L151	9	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L152	9	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function))	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L153	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L154	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L155	658	((eyewear ADJ frame)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L156	1	((eyewear ADJ frame) AND (electronic ADJ lens)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L157	0	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L158	248	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L159	248	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display AND microphone).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM

L160	41	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display AND microphone AND frame).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L161	4	((eyewear ADJ frame) AND microphone AND (verbal ADJ query)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L162	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:17 PM
L163	834	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L164	14	L43 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L165	4	L43 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L166	4840	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	OR	ON	ON	2024/03/18 01:17 PM

		microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L167	51	L46 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L168	24	L46 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L169	7	"20100110368".pn.334	(US-PGPUB)	OR	ON	ON	2024/03/18 01:17 PM
L170	1	"20100045928".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:17 PM
L171	1836	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$ AND ((batter$3 OR power) near20 (temple OR stem OR ear)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L172	31	L51 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L173	1	"6349001".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L174	9699	(goggles AND display	(US-PGPUB; USPAT;	OR	ON	ON	2024/03/18

		AND microphone AND batter$3 AND lens AND (virtual OR augmented))	USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				01:17 PM
L175	427	L5 AND L54	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L176	277	L5 AND L54	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L177	26	L56 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L178	1	"6771423".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L179	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:17 PM
L180	1850	("10114235"|"10598960"|"20010055094"|"20020049374"|"20020060525"|"20020140899"|"20020149739"|"20020186346"|"20030018383"|"20030103413"|"20030112523"|"20030151721"|"20030199978"|"20030208265"|"20030210377"|"20040000733"|"20040008157"|"20040008319"|"20040108971"|"20040117011"|"20040130677"|"20040160573"|"20040179280"|"20040181400	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM

		4"|"20040186533"|"200 40196435"|"200402354 16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452 9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|"					

		4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862 04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6 165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64					

		37925"|"6464363"|"649 1391"|"6491394"|"6501 443"|"6517203"|"65544 25"|"6609794"|"661440 8"|"6616275"|"6616279" |"6618208"|"6619799"|" 6626532"|"6631001"|"6 638304"|"6643552"|"66 52096"|"6667471"|"668 2195"|"6705729"|"6709 105"|"6709107"|"67091 08"|"6714133"|"673313 0"|"6738199"|"6768536" |"6769767"|"6774871"|" 6778246"|"6793340"|"6 830193"|"6833938"|"68 40619"|"6851805"|"685 7741"|"6859333"|"6871 951"|"6883916"|"68869 38"|"6893124"|"689475 1"|"6902271"|"6918570" |"6918670"|"6948818"|" 6951391"|"6955433"|"6 956682"|"6976982"|"69 86579"|"7008054"|"700 9757"|"7018040"|"7019 890"|"7023594"|"70346 19"|"7041133"|"707751 9"|"7085065"|"7130664" |"7133172"|"7137702"|" 7159981"|"7159983"|"7 188948"|"7192136"|"71 95353"|"7209097"|"722 9173"|"7255437"|"7290 876"|"7380936"|"73961 26"|"7401918"|"740463 6"|"7438410"|"7461936" |"7475984"|"7481531"|" 7500746"|"7500747"|"7 543934"|"7581833"|"76 07775"|"7621634"|"763 1968"|"7677723"|"7760 898"|"7771046"|"77925 52"|"7806525"|"783105 5"|"7922321"|"7988283" |"8025396"|"8089511"|" 8109629"|"8174569"|"8 337013"|"8430507"|"84 34863"|"8465151"|"850 0271"|"8770742"|"8915 588"|"8931896"|"91220 83"|"9124796"|"D29825 0"|"D342063"|"D350342 "|"RE35691").PN.					
L181	364	("10114235"|"10598960 "|"20010055094"|"2002 0049374"|"2002006052	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM

		5"|"20020140899"|"200 20149739"|"200201863 46"|"20030018383"|"20 030103413"|"20030112 523"|"20030151721"|"2 0030199978"|"2003020 8265"|"20030210377"|" 20040000733"|"200400 08157"|"20040008319"| "20040108971"|"20040 117011"|"20040130677 "|"20040160573"|"2004 0179280"|"2004018140 4"|"20040186533"|"200 40196435"|"200402354 16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452					

		9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|" 4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862					

		04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6 165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64 37925"|"6464363"|"649 1391"|"6491394"|"6501 443"|"6517203"|"65544 25"|"6609794"|"661440 8"|"6616275"|"6616279" |"6618208"|"6619799"|" 6626532"|"6631001"|"6 638304"|"6643552"|"66 52096"|"6667471"|"668 2195"|"6705729"|"6709 105"|"6709107"|"67091 08"|"6714133"|"673313 0"|"6738199"|"6768536" |"6769767"|"6774871"|" 6778246"|"6793340"|"6 830193"|"6833938"|"68 40619"|"6851805"|"685 7741"|"6859333"|"6871 951"|"6883916"|"68869 38"|"6893124"|"689475 1"|"6902271"|"6918570" |"6918670"|"6948818"|" 6951391"|"6955433"|"6 956682"|"6976982"|"69 86579"|"7008054"|"700 9757"|"7018040"|"7019 890"|"7023594"|"70346 19"|"7041133"|"707751 9"|"7085065"|"7130664" |"7133172"|"7137702"|" 7159981"|"7159983"|"7 188948"|"7192136"|"71 95353"|"7209097"|"722 9173"|"7255437"|"7290 876"|"7380936"|"73961 26"|"7401918"|"740463 6"|"7438410"|"7461936" |"7475984"|"7481531"|" 7500746"|"7500747"|"7 543934"|"7581833"|"76 07775"|"7621634"|"763 1968"|"7677723"|"7760 898"|"7771046"|"77925 52"|"7806525"|"783105 5"|"7922321"|"7988283"					

		|"8025396"|"8089511"|"8109629"|"8174569"|"8337013"|"8430507"|"8434863"|"8465151"|"8500271"|"8770742"|"8915588"|"8931896"|"9122083"|"9124796"|"D298250"|"D342063"|"D350342"|"RE35691").PN.					
L182	1	"17935468"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L183	2347	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L184	139573	(G02C11/10 OR G02C7/081 OR G02C11/04 OR G02C11/06 OR G05B15/02 OR G06K19/0715 OR G06K19/07762 OR A61F9/061).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L185	1459	351/158.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L186	141367	L3 L4	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE,	OR	ON	ON	2024/03/18 01:17 PM

			SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L187	79	L2 AND L5	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L188	39	L2 AND L5	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L189	1	L7 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L190	41295	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L191	1304	L5 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/03/18 01:17 PM

			IBM_TDB)				
L192	747	L5 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L193	25	L11 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L194	24	L12 NOT blum	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L195	64	"20100110368"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L196	1	"20100110368".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L197	349	("2010/0110368").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/18 01:17 PM
L198	43	(Artificial Intelligence) More like doc: US-20100110368-A1 Text: (WO-2010062479-A1 OR US-20220163806-A1 OR EP-2486450-A1 OR WO-2010062481-A1 OR EP-2486450-B1 OR TW-I607240-B OR CN-103119512-A OR TW-201344241-A OR KR-101879601-B1 OR KR-20140053341-A OR KR-20180084145-A OR US-9900676-B2 OR US-20160192048-A1 OR BR-102012012196-A2 OR CA-2576016-A1 OR CN-104812342-A OR CN-103792683-B OR CN-104812342-B OR CA-2576010-C OR CA-2576026-A1).did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L199	392	L16 L17	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM

L200	85	L18 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L201	0	L19 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L202	80	L18 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L203	13	L18 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L204	2	L18 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L205	1445	((("BLUM") near3 ("Ronald")) OR (("WANG") near3 ("Yongping")) OR (("GRAHAM") near3 ("Mark")) OR (("KOKONASKI") near3 ("William")) OR (("CLOMPUS") near3 ("Richard"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/18 01:17 PM
L206	72	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3 ("INC"))).AS,AANM.	(USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L207	289	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY,	OR	ON	ON	2024/03/18 01:17 PM

		("INC"))).AS,AANM.	CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L208	7030	L24 L26	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L209	109	L9 AND L27	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L210	20	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE,	OR	ON	ON	2024/03/18 01:17 PM

			SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L211	9	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L212	9	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function))	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L213	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L214	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L215	658	((eyewear ADJ frame)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L216	1	((eyewear ADJ frame) AND (electronic ADJ lens)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L217	0	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L218	248	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L219	248	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display AND microphone).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM

L220	41	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display AND microphone AND frame).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L221	4	((eyewear ADJ frame) AND microphone AND (verbal ADJ query)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L222	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:17 PM
L223	834	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L224	14	L43 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L225	4	L43 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L226	4840	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	OR	ON	ON	2024/03/18 01:17 PM

		microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L227	51	L46 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L228	24	L46 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L229	7	"20100110368".pn.334	(US-PGPUB)	OR	ON	ON	2024/03/18 01:17 PM
L230	1	"20100045928".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:17 PM
L231	1836	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$ AND ((batter$3 OR power) near20 (temple OR stem OR ear)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L232	31	L51 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L233	1	"6349001".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L234	9699	(goggles AND display	(US-PGPUB; USPAT;	OR	ON	ON	2024/03/18

		AND microphone AND batter$3 AND lens AND (virtual OR augmented))	USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				01:17 PM
L235	427	L5 AND L54	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM
L236	277	L5 AND L54	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L237	26	L56 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L238	1	"6771423".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM
L239	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2024/03/18 01:17 PM
L240	1850	("10114235"|"10598960"|"20010055094"|"20020049374"|"20020060525"|"20020140899"|"20020149739"|"20020186346"|"20030018383"|"20030103413"|"20030112523"|"20030151721"|"20030199978"|"20030208265"|"20030210377"|"20040000733"|"20040008157"|"20040008319"|"20040108971"|"20040117011"|"20040130677"|"20040160573"|"20040179280"|"20040181400	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:17 PM

		4"|"20040186533"|"200 40196435"|"200402354 16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452 9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|"					

		4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862 04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6 165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64					

		37925"|"6464363"|"649 1391"|"6491394"|"6501 443"|"6517203"|"65544 25"|"6609794"|"661440 8"|"6616275"|"6616279" |"6618208"|"6619799"|" 6626532"|"6631001"|"6 638304"|"6643552"|"66 52096"|"6667471"|"668 2195"|"6705729"|"6709 105"|"6709107"|"67091 08"|"6714133"|"673313 0"|"6738199"|"6768536" |"6769767"|"6774871"|" 6778246"|"6793340"|"6 830193"|"6833938"|"68 40619"|"6851805"|"685 7741"|"6859333"|"6871 951"|"6883916"|"68869 38"|"6893124"|"689475 1"|"6902271"|"6918570" |"6918670"|"6948818"|" 6951391"|"6955433"|"6 956682"|"6976982"|"69 86579"|"7008054"|"700 9757"|"7018040"|"7019 890"|"7023594"|"70346 19"|"7041133"|"707751 9"|"7085065"|"7130664" |"7133172"|"7137702"|" 7159981"|"7159983"|"7 188948"|"7192136"|"71 95353"|"7209097"|"722 9173"|"7255437"|"7290 876"|"7380936"|"73961 26"|"7401918"|"740463 6"|"7438410"|"7461936" |"7475984"|"7481531"|" 7500746"|"7500747"|"7 543934"|"7581833"|"76 07775"|"7621634"|"763 1968"|"7677723"|"7760 898"|"7771046"|"77925 52"|"7806525"|"783105 5"|"7922321"|"7988283" |"8025396"|"8089511"|" 8109629"|"8174569"|"8 337013"|"8430507"|"84 34863"|"8465151"|"850 0271"|"8770742"|"8915 588"|"8931896"|"91220 83"|"9124796"|"D29825 0"|"D342063"|"D350342 "|"RE35691").PN.					
L241	364	("10114235"|"10598960 "|"20010055094"|"2002 0049374"|"2002006052	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:17 PM

		5"|"20020140899"|"200 20149739"|"200201863 46"|"20030018383"|"20 030103413"|"20030112 523"|"20030151721"|"2 0030199978"|"2003020 8265"|"20030210377"|" 20040000733"|"200400 08157"|"20040008319"| "20040108971"|"20040 117011"|"20040130677 "|"20040160573"|"2004 0179280"|"2004018140 4"|"20040186533"|"200 40196435"|"200402354 16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452					

		9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|" 4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862					

		04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6 165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64 37925"|"6464363"|"649 1391"|"6491394"|"6501 443"|"6517203"|"65544 25"|"6609794"|"661440 8"|"6616275"|"6616279" |"6618208"|"6619799"|" 6626532"|"6631001"|"6 638304"|"6643552"|"66 52096"|"6667471"|"668 2195"|"6705729"|"6709 105"|"6709107"|"67091 08"|"6714133"|"673313 0"|"6738199"|"6768536" |"6769767"|"6774871"|" 6778246"|"6793340"|"6 830193"|"6833938"|"68 40619"|"6851805"|"685 7741"|"6859333"|"6871 951"|"6883916"|"68869 38"|"6893124"|"689475 1"|"6902271"|"6918570" |"6918670"|"6948818"|" 6951391"|"6955433"|"6 956682"|"6976982"|"69 86579"|"7008054"|"700 9757"|"7018040"|"7019 890"|"7023594"|"70346 19"|"7041133"|"707751 9"|"7085065"|"7130664" |"7133172"|"7137702"|" 7159981"|"7159983"|"7 188948"|"7192136"|"71 95353"|"7209097"|"722 9173"|"7255437"|"7290 876"|"7380936"|"73961 26"|"7401918"|"740463 6"|"7438410"|"7461936" |"7475984"|"7481531"|" 7500746"|"7500747"|"7 543934"|"7581833"|"76 07775"|"7621634"|"763 1968"|"7677723"|"7760 898"|"7771046"|"77925 52"|"7806525"|"783105 5"|"7922321"|"7988283"					

		|"8025396"|"8089511"|"8109629"|"8174569"|"8337013"|"8430507"|"8434863"|"8465151"|"8500271"|"8770742"|"8915588"|"8931896"|"9122083"|"9124796"|"D298250"|"D342063"|"D350342"|"RE35691").PN.					

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N1	4	((eyewear ADJ frame) AND microphone AND (verbal ADJ query)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:17 PM
N2	4	((eyewear ADJ frame) AND microphone AND (verbal ADJ query)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/18 01:18 PM

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**03/12/2024 03:10:27 PM Z ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Christopher Colice
PATENT CENTER #	64640366	FILING DATE	09/26/2022
CUSTOMER #	149890	FIRST NAMED INVENTOR	Ronald D. Blum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Christopher Colice

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
EVSO-012US09_Amendment-APP.TEXT.docx	7	Application body structured text document	31 KB

Warning: Bookmarks were found and have been removed. The automatic document description has been replaced. Bookmarks were found and have been removed. All artifacts (SmartArt, Drawings, Charts, etc) have been replaced with images.

EVSO-012US09_Amendment.pdf	7	Auxiliary PDF of Application	218 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)

EVSO-012US09_Amendment-APP.TEXT.docx	929F7071498695BFF704DFA3B3FD9A6FC5B55B31D7BBDB8D59C83034792FD028742E44ACD14077891B315ECADD3DC1C99CFD5FE6B348D342A4536E51995E5C49
EVSO-012US09_Amendment.pdf	8F885F29601B50BEB97FE9B430A28B63A0325EF35B12DF844B31D373F38190D90E4C49AFD7A5DBF6EF66E46118D533F23CA0B228868E35E83245ECCD13DA63D8

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 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.

Docket No. EVSO-012US09

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Blum et al.

Application No. 17/935,468

Filed: 2022-09-26

Confirmation No. 7596

Art Unit: 2872

Examiner: William R. Alexander

Title: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

AMENDMENT/RESPONSE TO OFFICE ACTION

In response to the Office Action dated December 29, 2023, Applicant submits the following Amendments and/or Remarks, and respectfully requests reconsideration of the application in view thereof.

Amendments to the Claims are reflected in the listing of the claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

IN THE CLAIMS:

Set forth below in ascending order, with status identifiers, is a complete listing of all claims currently under examination. Changes to any amended claims are indicated by [[double brackets]], ~~strikethrough~~, and/or underlining. This listing also reflects any cancellation and/or addition of claims.

1. (Currently Amended) ~~Eyewear~~ The eyewear of claim 9, further comprising:

~~an eyewear frame;~~

an electronic lens coupled to the eyewear frame and having a display function that provides virtual reality, augmented reality, or gaming to a person wearing the eyewear, [[;]]

~~a microphone coupled to the eyewear frame and configured to receive an oral command from a person wearing the eyewear; and~~

~~an electronic module coupled to the eyewear frame and~~ wherein the processor is configured to adjust the display function of the electronic lens.

2. (Canceled)

3. (Canceled)

4. (Previously Presented) The eyewear of claim 1, wherein the eyewear frame further includes application connection points configured to attach to a universal cable connector.

5. (Previously Presented) The eyewear of claim 4, wherein the application connection points comprise power connections, audio connections, audio ground, and/or video connections.

6. (Currently Amended) The eyewear of claim 5, wherein the ~~electronic module~~ processor is configured to adjust a lens function of the eyewear based on data received via the video connections.

7. (Currently Amended) The eyewear of claim [[1]] 9, further comprising:

a camera coupled to the eyewear frame.

8. (Currently Amended) The eyewear of claim 1, wherein the electronic lens is a first electronic lens, and further comprising:

a second electronic lens coupled to the eyewear frame,

wherein the ~~electronic module includes at least one control unit housed in the eyewear frame and operably coupled to and~~ processor is configured to control ~~the first electronic lens and~~ the second electronic lens.

9. (Previously Presented) Eyewear comprising:

an eyewear frame;

a speaker coupled to the eyewear frame;

a microphone coupled to the eyewear frame to receive a verbal query from a wearer of the eyewear; and

a processor, operably coupled to the microphone and the speaker to transmit the verbal query to an external device, receive a response to the verbal query from the external device, and provide the response to the wearer via the speaker,

wherein the verbal query causes the external device to obtain the response to the verbal query by searching a computer network for the response to the verbal query.

10. (Previously Presented) The eyewear of claim 9, wherein the eyewear further comprises:

a wireless communication chip to communicate wirelessly with the external device.

11. (Previously Presented) The eyewear of claim 10, wherein the wireless communication chip is a Bluetooth communication chip.

12. (Previously Presented) The eyewear of claim 10, wherein the processor transmits the verbal query to the external device via WiFi communication.

13. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control an external audio device based at least in part on an instruction from the wearer.

14. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control an external video device based at least in part on an instruction from the wearer.

15. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control light and/or temperature in an environment based at least in part on preferences of the wearer.

16. (Previously Presented) The eyewear of claim 9, wherein the external device is a smart phone.

17. (Previously Presented) A method comprising:

receiving, by a microphone mechanically coupled to an eyewear frame, a verbal query from a person wearing the eyewear frame;

transmitting, by a processor mechanically coupled to the eyewear frame and operably coupled to the microphone, the verbal query to an external device, the verbal query causing the external device to search a computer network for a response to the verbal query;

receiving, by the processor, the response to the verbal query from the external device; and

providing the response to the verbal query to the person wearing the eyewear frame via a speaker operably coupled to the processor.

18. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external audio device, the verbal instruction causing the external audio device to adjust a parameter of the external audio device.

19. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external video device, the verbal instruction causing the external video device to adjust a parameter of the external video device.

20. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to the external device, the verbal instruction causing the external device to adjust a light in an environment of the person wearing the eyewear frame.

21. (Currently Amended) The eyewear of claim [[1]] 9, wherein the ~~electronic module~~ processor is positioned within the eyewear frame.

22. (Previously Presented) The eyewear of claim 1, wherein the eyewear frame comprises:

a lens housing holding the electronic lens; and

a first temple and a second temple, attached to the lens housing, to secure the eyewear to a head of the person wearing the eyewear.

23. (Currently Amended) The eyewear of claim 22, wherein the ~~electronic module~~ processor is disposed within the first temple.

24. (Currently Amended) The eyewear of claim 23, ~~wherein the electronic module is a first electronic module and~~ further comprising:

~~a second~~ an electronic module disposed within the second temple.

25. (Previously Presented) The eyewear of claim 23, further comprising:

a power supply disposed within one of the first temple or the second temple.

26. (Cancelled)

27. (Currently Amended) The eyewear of claim [[26]] 25, further comprising:

a first conductive link positioned within the eyewear frame and coupling the power supply to the ~~electronic module~~ processor; and

a second conductive link positioned within the eyewear frame and coupling the ~~electronic module~~ processor to the electronic lens.

28. (Previously Presented) The eyewear of claim 1, wherein the eyewear frame comprises goggles.

29. (Previously Presented) The eyewear of claim 1, further comprising:

a strap to secure the eyewear to a head of the person wearing the eyewear.

30. (Currently Amended) The eyewear of claim 1, wherein the ~~electronic module~~ processor is configured to adjust a tint and/or a focus of the electronic lens in response to [[the]] an oral command received by the microphone.

REMARKS

In response to the Office Action dated December 29, 2023, in the above-identified application, Applicant respectfully requests reconsideration. All of the issues raised in the Office Action have been carefully considered and are addressed in this response. The application as now presented is believed to be in allowable condition.

1. Status of the Claims and Summary of Amendments

Upon entry of this response, claims 1, 4–25, and 27–30 will be pending in this application, of which claims 9 and 17 are independent claims.

Claim 1 is being amended to depend from and conform to allowed independent claim 9. Claim 26 is being cancelled, and the other claims that depend from claim 1 are being amended to depend from and/or conform to allowed independent claim 9 as appropriate.

2. Allowed Claims

Applicant thanks Examiner Alexander for allowing claims 9–20.

3. Rejections Under 35 U.S.C. §§ 102 and 103

Claims 1, 4–8, 21–24, 29, and 30 stand rejected as anticipated by US 2010/0110368 to Chaum.

Claims 25 and 26 stand rejected as unpatentable over Chaum in view of US 6,349,001 to Spitzer.

Claim 28 stands rejected as unpatentable over Chaum in view of US 7,145,726 to Geist.

Without acquiescing to these rejections, and solely to expedite allowance, Applicant is amending the rejected claims to depend from allowed claim 9, rendering these rejections moot.

CONCLUSION

It is respectfully believed that all of the rejections set forth in the Office Action have been addressed. However, the absence of a reply to a specific rejection, objection, or comment set forth in the Office Action does not signify agreement with or concession of that rejection, objection, or comment. In addition, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Furthermore, nothing in this paper should be construed as an intent to concede any issue with regard to any claim.

Applicant believes that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper and to credit any overpayment, to Deposit Account No. 60-1876. If an extension of time is required to make this reply timely, please charge the appropriate extension of time fee under 37 C.F.R. § 1.17 to Deposit Account No. 60-1876 if not already paid via EFS.

Dated: March 12, 2024

Respectfully submitted,

Smith Baluch LLP
376 Boylston St, Suite 401
Boston MA 02116

Phone: (617) 947-7280

By /Christopher Max Colice/
Christopher Max Colice
Registration No. 65634

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 17/935,468	Filing Date 09/26/2022	☐ 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), (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 $100 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $480 =	
☐ 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	03/12/2024	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 27	Minus	** 28	= 0		x $100 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0		x $480 =	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".	/RENEE D HAWKINS/
*** 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.
17/935,468	09/26/2022	Ronald D. Blum	EVSO-012US09	7596

149890 7590 12/29/2023

SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

EXAMINER
ALEXANDER, WILLIAM R

ART UNIT	PAPER NUMBER
2872	

NOTIFICATION DATE	DELIVERY MODE
12/29/2023	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@smithbaluch.com
eofficeaction@appcoll.com
smith@smithbaluch.com

Office Action Summary	Application No. 17/935,468	Applicant(s) Blum et al.	
	Examiner WILLIAM R ALEXANDER	Art Unit 2872	AIA (FITF) Status No

-- 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 8/25/2023.

☐ 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 and 4-30 is/are pending in the application.

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

6) ☑ Claim(s) 9-20 is/are allowed.

7) ☑ Claim(s) 1,4-8 and 21-30 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 9/26/2022 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: _____.

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Information Disclosure Statement

The information disclosure statements (IDS) submitted on 1/11/2023 were considered by the examiner.

Claim Rejections - 35 USC § 102

In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis (i.e., changing from AIA to pre-AIA) for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 4-8, 21-24, 29, and 30 are rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Chaum (US 2010/0110368).

Regarding Claim 1, discloses eyewear (Paragraph 0065, eyeglass device) comprising:

an eyewear frame (Paragraph 0065, eyeglass frame);

an electronic lens (Fig. 6A-Fig. 6F, eyeglass frame 612 with projectors 652, Paragraph 0089) coupled to the eyewear frame and having a display function that provides virtual reality (Fig. 6A-Fig. 6F, projectors 652 can create a virtual reality experience for the wearer, Paragraph 0089), augmented reality, or gaming to a person wearing the eyewear;

a microphone coupled to the eyewear frame and configured to receive an oral command from a person wearing the eyewear (Paragraph 0100, input devices, Paragraph 0101, microphones … can detect voice commands, Paragraph 0102, speaking command); and

an electronic module coupled to the eyewear frame and configured to adjust the display function of the electronic lens (Paragraph 0123, Fig. 5B, sensors 546 and 542, the dynamic controls can be used to scroll up or down a webpage, lines 14-25).

Regarding Claim 4, Chaum discloses as is set forth above and further discloses wherein the eyewear frame further includes application connection points configured to attach to a universal cable connector (Paragraphs 0115-0116, USB port or ports, a USB connector being a universal connector).

Regarding Claim 5, Chaum discloses as is set forth above and further discloses wherein the application connection points comprise power connections, audio connections, audio ground, and/or video connections (Paragraphs 0115-0116, USB allows for recharging and communications).

Regarding Claim 6, Chaum discloses as is set forth above and further discloses Wherein the electronic module is configured to adjust a lens function of the eyewear based on data received via the video connections (Paragraph 0123, Fig. 5B, sensors

546 and 542, the dynamic controls can be used to scroll up or down a webpage, lines 14-25, the data being received via USB ports, Paragraph 0116).

Regarding Claim 7, Chaum discloses as is set forth above and further discloses wherein further comprising: a camera coupled to the eyewear frame (Paragraph 0110, input devices can include various cameras).

Regarding Claim 8, Chaum discloses as is set forth above and further discloses wherein the electronic lens (Fig. 6A-Fig. 6F, eyeglass frame 612 with projectors 652, Paragraph 0089) is a first electronic lens, and further comprising: a second electronic lens (Fig. 6A-Fig. 6F, eyeglass frame 612 can have more than one projectors 652, such as one on each sidearm 614, Paragraph 0089) coupled to the eyewear frame, wherein the electronic module includes at least one control unit housed in the eyewear frame and operably coupled to and configured to control the first electronic lens and the second electronic lens (Paragraph 0123, Fig. 5B, sensors 546 and 542, the dynamic controls can be used to scroll up or down a webpage, lines 14-25).

Regarding Claim 21, Chaum discloses as is set forth above and further discloses wherein the electronic module is positioned within the eyewear frame (Paragraph 0123, Fig. 5B, sensors 546 and 542 are imbedded in temples 514).

Regarding Claim 22, Chaum discloses as is set forth above and further discloses wherein the eyewear frame comprises: a lens housing holding the electronic lens; and a first temple and a second temple, attached to the lens housing, to secure the eyewear to a head of the person wearing the eyewear.

Regarding Claim 23, Chaum discloses as is set forth above and further discloses wherein the electronic module is disposed within the first temple (Paragraph 0123, Fig. 5B, sensors 546 and 542 are imbedded in temples 514).

Regarding Claim 24, Chaum discloses as is set forth above and further discloses wherein the electronic module is a first electronic module and further comprising: a second electronic module disposed within the second temple (Paragraph 0144, touch sensors can be attached to one or both side arms).

Regarding Claim 29, Chaum discloses as is set forth above and further discloses further comprising: a strap to secure the eyewear to a head of the person wearing the eyewear (Paragraphs 0136-0137, Fig. 8G, lanyard 870).

Regarding Claim 30, Chaum discloses as is set forth above and further discloses wherein the electronic module is configured to adjust a tint and/or a focus (Paragraph 0082, lines 25-32, focus and refocus) of the electronic lens in response to the oral command (Paragraph 0066, all the components can be controlled by audio commands, Paragraph 0101, voice commands).

Claim Rejections - 35 USC § 103

In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis (i.e., changing from AIA to pre-AIA) for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

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

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under pre-AIA 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of pre-AIA 35 U.S.C. 103(c) and potential pre-AIA 35 U.S.C. 102(e), (f) or (g) prior art under pre-AIA 35 U.S.C. 103(a).

Claims 25-27 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chaum (US 2010/0110368) in view of Spitzer (US 6,349,001).

Regarding Claim 25, Chaum discloses as is set forth above but does not specifically disclose further comprising: a power supply disposed within one of the first temple or the second temple.

However Spitzer, in the same field of endeavor, teaches

further comprising: a power supply disposed within one of the first temple or the second temple (Fig. 1, batteries 112 in the temples, the interconnection system 110 connects the batteries 112 and the display assembly 102, Col. 4, lines 11-23), for the purpose of making the eyewear system more easily wearable.

Therefore, it would be obvious to one of ordinary skill in the art at the time the invention was made to have the eyewear of Chaum with the further comprising: a power

supply disposed within one of the first temple or the second temple, of Spitzer, for the purpose of making the eyewear system more easily wearable.

Regarding Claim 26, Chaum in view of Spitzer discloses as is set forth above and Spitzer further discloses further comprising: a first conductive link coupling the power supply to the electronic module; and a second conductive link coupling the electronic module to the electronic lens (Fig. 1, batteries 112 in the temples, the interconnection system 110 connects the batteries 112 and the display assembly 102, Col. 4, lines 11-23), for the purpose of making the eyewear system more easily wearable.

Regarding Claim 27, Chaum in view of Spitzer discloses as is set forth above and Spitzer further discloses further comprising: a first conductive link positioned within the eyewear frame and coupling the power supply to the electronic module; and a second conductive link positioned within the eyewear frame and coupling the electronic module to the electronic lens (Fig. 1, batteries 112 in the temples, the interconnection system 110 connects the batteries 112 and the display assembly 102, Col. 4, lines 11-23), for the purpose of making the eyewear system more easily wearable.

Claim 28 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chaum (US 2010/0110368) in view of Geist (US 7,145,726).

Regarding Claim 28, Chaum discloses as is set forth above but does not specifically disclose wherein the eyewear frame comprises goggles.

However Geist, in the same field of endeavor, teaches

wherein the eyewear frame comprises goggles (Fig. 7, safety goggles 70, Col. 12, lines 5-10), for the purpose of providing eyewear that can be worn in a hazardous environment.

Therefore, it would be obvious to one of ordinary skill in the art at the time the invention was made to have the eyewear of Chaum with the wherein the eyewear frame comprises goggles of Geist, for the purpose of providing eyewear that can be worn in a hazardous environment.

Examiner's Statement/Reasons for Allowance

Regarding Claim 9, Chaum (US 2010/0110368) discloses eyewear (Paragraph 0065, eyeglass device) comprising:

an eyewear frame (Paragraph 0065, eyeglass frame);

a speaker coupled to the eyewear frame (Paragraph 0080, component 334 can be a speaker and is located in the side arms 314, Fig. 3);

a microphone coupled to the eyewear frame and configured to receive a verbal query from a wearer of the eyewear (Paragraph 0100, input devices, Paragraph 0101, microphones … can detect voice commands, Paragraph 0102, speaking command); and

a processor (Paragraphs 0100 and 0114, computer processors and microprocessors), operably coupled to the microphone and the speaker to transmit the verbal query to an external device (Paragraph 0100, input devices, Paragraph 0101, microphones … can detect voice commands, Paragraph 0102, speaking command), receive a response to the verbal query from the external device (Paragraph 0155), and

provide the response to the wearer via the speaker (Paragraph 0150, playing a song in response to an input).

However Chaum (US 2010/0110368) does not disclose "… wherein the verbal query causes the external device to obtain the response to the verbal query by searching a computer network for the response to the verbal query.".

Regarding Claim 17, Chaum (US 2010/0110368) discloses

a method comprising: receiving, by a microphone mechanically coupled to an eyewear frame, a verbal query from a person wearing the eyewear frame(Paragraph 0100, input devices, Paragraph 0101, microphones … can detect voice commands, Paragraph 0102, speaking command);

transmitting, by a processor (Paragraphs 0100 and 0114, computer processors and microprocessors) mechanically coupled to the eyewear frame and operably coupled to the microphone, the verbal query to an external device (Paragraph 0100, input devices, Paragraph 0101, microphones … can detect voice commands, Paragraph 0102, speaking command),

receiving, by the processor, the response (Paragraph 0155) to the verbal query from the external device; and providing the response to the verbal query to the person wearing the eyewear frame via a speaker operably coupled to the processor (Paragraph 0150, playing a song in response to an input).

However Chaum (US 2010/0110368) does not disclose "…the verbal query causing the external device to search a computer network for a response to the verbal query.".

Additionally, neither Tran (US 2009/0318779), Pagnacco et al. (US 6,461,297), Levy (US 2010/0045928), Lewis (US 7,918,556), Lewis (US 2010/0066972), Geist (US 7,145,726), Spitzer (US 6,349,001), nor the prior art of record, meet the deficiencies of Chaum (US 2010/0110368).

Claims 9-20 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: with respect to the allowable subject matter, none of the prior art either alone or in combination disclose or teach of the claimed combination of limitations to warrant a rejection under 35 USC 102 or 103.

Specifically regarding the allowability of independent claim 9: The prior art of record does not disclose or suggest eyewear comprising "… wherein the verbal query causes the external device to obtain the response to the verbal query by searching a computer network for the response to the verbal query.", along with other claim limitations. Claims 10-16 are allowable due to pendency on independent claim 9.

Specifically regarding the allowability of independent claim 17: The prior art of record does not disclose or suggest a method comprising "…the verbal query causing the external device to search a computer network for a response to the verbal query.", along with other claim limitations. Claims 18-20 are allowable due to pendency on independent claim 17.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to WILLIAM R ALEXANDER whose telephone number is (571)270-7656. The examiner can normally be reached on M-F 8:30 AM- 4:00 PM.

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, Pinping Sun can be reached on (571) 270-1284. 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.

/WILLIAM R ALEXANDER/
Primary Examiner, Art Unit 2872

Notice of References Cited	Application/Control No. 17/935,468	Applicant(s)/Patent Under Reexamination Blum et al.	
	Examiner WILLIAM R ALEXANDER	Art Unit 2872	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Name	CPC Classification	US Classification
*	A	US-20100110368-A1	2010-05-06	Chaum; David	G02C11/10	351/158
*	B	US-20090318779-A1	2009-12-24	Tran; Bao	A61B5/411	600/595
*	C	US-6461297-B1	2002-10-08	Pagnacco; Guido	A61B5/6814	600/300
*	D	US-20100045928-A1	2010-02-25	Levy; Isaac	G02C11/10	351/158
*	E	US-7918556-B2	2011-04-05	Lewis; Scott W.	H04W72/21	351/159.01
*	F	US-20100066972-A1	2010-03-18	LEWIS; SCOTT W.	H04L1/0077	351/158
*	G	US-6349001-B1	2002-02-19	Spitzer; Mark B.	G02C11/10	351/158
*	H	US-7145726-B2	2006-12-05	Geist; Richard Edwin	G02B27/0172	351/158
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	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 YYYY-MM-DD format are publication dates. Classifications may be US or foreign.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/935,468	Blum et al.
	Examiner	Art Unit
	WILLIAM R ALEXANDER	2872

CPC - Searched*		
Symbol	**Date**	**Examiner**
G02C11/10,04,06	12/22/2023	WA
G02C7/081	12/22/2023	WA
G05B15/02	12/22/2023	WA
G06K19/0715,07762	12/22/2023	WA
A61F9/061	12/22/2023	WA

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
351	158	12/22/2023	WA

* 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**
CPC:G02C11/10,04,06,G02C7/081,G05B15/02,G06K19/0715,07762 ,A61F9/061,USPC: 351/158, USPC/CPC combined with Text Search. See search history Printout.	12/22/2023	WA
PE2E Search-Text Search. See Search History Printout.Inventor Search-PE2E Search. See Search History Printout.Applicant Search-PE2E Search. See Search History Printout.	12/22/2023	WA
Global Dossier	12/22/2023	WA

/WILLIAM R ALEXANDER/ Primary Examiner, Art Unit 2872	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/935,468	Blum et al.
	Examiner	Art Unit
	WILLIAM R ALEXANDER	2872

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	PGPub/USPAT. East Search-Claim Text Search. See Interference Search Printout.	12/22/2023	WA

/WILLIAM R ALEXANDER/ Primary Examiner, Art Unit 2872	

Bibliographic Data

Application No: 17/935,468

Foreign Priority claimed: ○ Yes ◉ No

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

Verified and Acknowledged: /WILLIAM R ALEXANDER/ Examiner's Signature | Initials

Title: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/26/2022	351	2872	EVSO-012US09
RULE			

APPLICANTS

e-Vision Smart Optics, Inc., Sarasota, FL, UNITED STATES

INVENTORS

Ronald D. Blum, Roanoke, VA, UNITED STATES

Yongping Wang, Philadelphia, PA, UNITED STATES

Mark Graham, Roanoke, VA, UNITED STATES

William Kokonaski, Gig Harbor, WA, UNITED STATES

Richard Clompus, Roanoke, VA, UNITED STATES

CONTINUING DATA

This application is a CON of 16819262 03/16/2020 PAT 11487138

16819262 is a CON of 15975353 05/09/2018 PAT 10598960

15975353 is a CON of 14808239 07/24/2015 PAT 10114235

14808239 is a CON of 13735887 01/07/2013 PAT 9122083

13735887 has PRO of 61640425 04/30/2012

13735887 has PRO of 61638150 04/25/2012

13735887 has PRO of 61622092 04/10/2012

13735887 has PRO of 61583940 01/06/2012

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

10/06/2022

STATE OR COUNTRY

UNITED STATES

ADDRESS

SMITH BALUCH LLP

376 BOYLSTON ST
STE 401
BOSTON, MA 02116
UNITED STATES

FILING FEE RECEIVED

$1,980

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. 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	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

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	6976982	B2	2005-12-20	Santini et al.	
	2	6986579	B2	2006-01-17	Blum et al.	
	3	7008054	B1	2006-03-07	Kurtin et al.	
	4	7009757	B2	2006-03-07	Nishioka et al.	
	5	7018040	B2	2006-03-28	Blum et al.	
	6	7019890	B2	2006-03-28	Meredith et al.	
	7	7023594	B2	2006-04-04	Blum et al.	
	8	7034619	B2	2006-04-25	Lynch	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	9	7041133	B1	2006-05-09	Azar	
	10	7077519	B2	2006-07-18	Blum et al.	
	11	7085065	B2	2006-08-01	Silver	
	12	7130664	B1	2006-10-31	Williams	Entire Document
	13	7133172	B2	2006-11-07	Nishioka	
	14	7137702	B2	2006-11-21	Piers et al.	
	15	7159981	B2	2007-01-09	Kato	
	16	7159983	B2	2007-01-09	Menezes et al.	
	17	7188948	B2	2007-03-13	Blum et al.	
	18	7192136	B2	2007-03-20	Howell et al.	Entire Document
	19	7195353	B2	2007-03-27	Blum et al.	Entire Document

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	20	7209097	B2	2007-04-24	Suyama et al.	
	21	7229173	B2	2007-06-12	Menezes	
	22	7255437	B2	2007-08-14	Howell et al.	
	23	7290876	B2	2007-11-06	Duston et al.	
	24	7380936	B2	2008-06-03	Howell et al.	
	25	7396126	B2	2008-07-08	Blum et al.	
	26	7401918	B2	2008-07-22	Howell et al.	
	27	7404636	B2	2008-07-29	Blum et al.	
	28	7438410	B1	2008-10-21	Howell et al.	
	29	7461936	B2	2008-12-09	Jannard	
	30	7475984	B2	2009-01-13	Blum et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	31	7481531	B2	2009-01-27	Howell et al.	
	32	7500746	B1	2009-03-10	Howell et al.	
	33	7500747	B2	2009-03-10	Howell et al.	
	34	7543934	B2	2009-06-09	Howell et al.	
	35	7581833	B2	2009-09-01	Howell et al.	
	36	7607775	B2	2009-10-27	Hermanson et al.	
	37	7621634	B2	2009-11-24	Howell et al.	Entire Document
	38	7631968	B1	2009-12-15	Dobson et al.	Entire Document
	39	7677723	B2	2010-03-16	Howell et al.	
	40	7760898	B2	2010-07-20	Howell et al.	
	41	7771046	B2	2010-08-10	Howell et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	42	7792552	B2	2010-09-07	D et al.	
	43	7806525	B2	2010-10-05	Howell et al.	
	44	7831055	B2	2010-11-09	Frerking et al.	
	45	7922321	B2	2011-04-12	Howell et al.	
	46	7988283	B2	2011-08-02	Jannard	
	47	8025396	B1	2011-09-27	Power	
	48	8089511	B2	2012-01-03	Yamamoto	
	49	8109629	B2	2012-02-07	Howell et al.	
	50	8174569	B2	2012-05-08	Tanijiri et al.	
	51	8337013	B2	2012-12-25	Howell et al.	
	52	8430507	B2	2013-04-30	Howell et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	53	8434863	B2	2013-05-07	Howell et al.	
	54	8465151	B2	2013-06-18	Howell et al.	
	55	8500271	B2	2013-08-06	Howell et al.	
	56	8770742	B2	2014-07-08	Howell et al.	
	57	8915588	B2	2014-12-23	Blum et al.	Entire Document
	58	8931896	B2	2015-01-13	Blum et al.	Entire Document
	59	9122083	B2	2015-09-01	Blum et al.	Entire Document
	60	9124796	B2	2015-09-01	Blum et al.	Entire Document
	61	D298250	S	1988-10-25	KILDALL	
	62	D342063	S	1993-12-07	HOWITT et al.	
	63	D350342	S	1994-09-06	SACK	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	64	RE35691	E	1997-12-16	THEIRL et al.	

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					

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	8505466	WO	A1	1985-12-05	Kern		
	2	9423334	WO	A1	1994-10-13	Large		
	3	9923524	WO	A1	1999-05-14	Spitzer		

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]
	1	Search Report and Written Opinion in PCT/US05/39101, dated Jul. 7, 2006, 5 pages.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	2	Supplemental Notice of Allowance in U.S. Appl. No. 13/779,407, dated Nov. 12, 2014, 2 pages.	
	3	Supplementary European Search Report of Application No. EP 05824718 dated Nov. 19, 2007.	
	4	Tarascon et al., "Issues and challenges facing rechargeable lithium batteries" Nature 2001, 414:359-367 (Nov. 15, 2001).	
	5	THIBOS et al. "Use of Liquid-Crystal Adaptive-Optice to Alter the Refractive State of the Eye; Optometry and Vision Science" 74:7; American Academy of Optometry, 1997, 7 pages	
	6	THIBOS et al. "Vision through a liquid-crystal spatial light modulator" Adaptive Optics Conference; Durham, UK, 1999, 6 pages	
	7	THIBOS, et al. "Electronic Spectacles for the 21 Century" Indian Journal of Optometry, 2:1, 1999, 5 pages.	
	8	U.S. Appl. No. 60/623,946, filed Nov. 2, 2004.	
	9	U.S. Appl. No. 60/623,947, filed Nov. 2, 2004.	
	10	U.S. Appl. No. 60/636,490, filed Dec. 17, 2004.	
	11	U.S. Appl. No. 60/661,925, filed Mar. 16, 2005.	
	12	U.S. Appl. No. 60/666,167, filed Mar. 30, 2005.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	13	U.S. Appl. No. 60/667,094, filed Apr. 1, 2005.	
	14	U.S. Appl. No. 60/669,403, filed Apr. 8, 2005.	
	15	U.S. Appl. No. 60/673,758, filed Apr. 22, 2005.	
	16	U.S. Appl. No. 60/674,702, filed Apr. 26, 2005.	
	17	U.S. Appl. No. 60/679,241, filed May 10, 2005.	
	18	U.S. Appl. No. 60/685,407, filed May 31, 2005.	
	19	U.S. Appl. No. 60/687,341, filed Jun. 6, 2005.	
	20	U.S. Appl. No. 60/687,342, filed Jun. 6, 2005.	
	21	U.S. Appl. No. 60/692,270, filed Jul. 21, 2005.	
	22	Walter, P. et al., "Development of a completely encapsulated intraocular pressure sensor", Ophthalmic Research (2000); 32: 278-284.	
	23	Written Opinion in PCT/US2013/020571, dated Jul. 5, 2013, 6 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

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

EXAMINER SIGNATURE

Examiner Signature	/WILLIAM R ALEXANDER/	Date Considered	12/22/2023

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99**)	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

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	/Christopher Max Colice/	Date (YYYY-MM-DD)	2023-01-11
Name/Print	Christopher Max Colice	Registration Number	65634

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.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

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.

EFS Web 2.1.18

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	1	"17935468"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 11:51 AM
L2	2174	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:31 PM
L3	137477	(G02C11/10 OR G02C7/081 OR G02C11/04 OR G02C11/06 OR G05B15/02 OR G06K19/0715 OR G06K19/07762 OR A61F9/061).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:33 PM
L4	1459	351/158.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:33 PM
L5	139271	L3 L4	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2023/12/21 01:33 PM

			IBM_TDB)				
L6	77	L2 AND L5	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:34 PM
L7	38	L2 AND L5	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:34 PM
L8	1	L7 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:34 PM
L9	38604	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:37 PM
L10	1230	L5 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 01:37 PM
L11	712	L5 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:38 PM

L12	25	L11 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:40 PM
L13	24	L12 NOT blum	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 01:41 PM
L14	43	"20100110368"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 02:54 PM
L15	1	"20100110368".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 02:54 PM
L16	349	("2010/0110368").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/12/21 02:54 PM
L17	43	(Artificial Intelligence) More like doc: US-20100110368-A1 Text: (WO-2010062479-A1 OR US-20220163806-A1 OR EP-2486450-A1 OR WO-2010062481-A1 OR EP-2486450-B1 OR TW-I607240-B OR CN-103119512-A OR TW-201344241-A OR KR-101879601-B1 OR KR-20140053341-A OR WO-2013134204-A1 OR KR-20180084145-A OR CN-114730100-A OR US-20220099983-A1 OR AU-2005269254-A1 OR BR-102012012196-A2 OR CA-2576016-A1 OR CN-103852890-B OR JP-2015509209-A OR CN-103852890-A).did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 02:54 PM
L18	392	L16 L17	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 02:55 PM
L19	85	L18 AND L9	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY,	OR	ON	ON	2023/12/21 02:56 PM

			CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L20	0	L19 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 02:57 PM
L21	80	L18 AND L9	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 02:59 PM
L22	13	L18 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 03:00 PM
L23	2	L18 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:01 PM
L24	1439	((("BLUM") near3 ("Ronald")) OR (("WANG") near3 ("Yongping")) OR (("GRAHAM") near3 ("Mark")) OR (("KOKONASKI") near3 ("William")) OR (("CLOMPUS") near3 ("Richard"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2023/12/21 03:07 PM
L25	71	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3 ("INC"))).AS,AANM.	(USPAT)	OR	ON	ON	2023/12/21 03:07 PM
L26	281	((("E-VISION") near3 ("SMART") near3 ("OPTICS") near3 ("INC"))).AS,AANM.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	OR	ON	ON	2023/12/21 03:07 PM

			HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L27	7002	L24 L26	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 03:07 PM
L28	109	L9 AND L27	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/21 03:08 PM
L29	20	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2023/12/21 03:09 PM

			IBM_TDB)				
L30	9	L9 AND L27 AND (electronic ADJ lens)	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:09 PM
L31	9	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function))	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:10 PM
L32	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:10 PM
L33	0	((eyewear ADJ frame) AND (electronic ADJ lens) AND (virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:11 PM
L34	652	((eyewear ADJ frame)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:11 PM
L35	1	((eyewear ADJ frame) AND (electronic ADJ lens)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:11 PM
L36	0	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND (display ADJ function)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:12 PM
L37	236	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:13 PM
L38	236	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND display AND microphone).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:13 PM
L39	40	((virtual ADJ reality) AND (augmented ADJ reality) AND microphone AND	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:13 PM

		display AND microphone AND frame).clm.					
L40	4	((eyewear ADJ frame) AND microphone AND (verbal ADJ query)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:17 PM
L42	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2023/12/22 07:56 AM
L43	752	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6 instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 11:13 AM
L44	14	L43 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 11:15 AM
L45	4	L43 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 11:15 AM
L46	4520	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND microphone AND (((verbal OR oral) near6 command$) OR ((verbal OR oral) near6	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL,	OR	ON	ON	2023/12/22 11:20 AM

		instruction$) OR ((verbal OR oral) near6 quer$3)) AND electronic$ AND (search$3 near20 (computer OR network OR internet OR web OR website)))	NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L47	51	L46 AND @pd<"20120106"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 11:20 AM
L48	24	L46 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 11:20 AM
L49	7	"20100110368".pn.334	(US-PGPUB)	OR	ON	ON	2023/12/22 12:22 PM
L50	1	"20100045928".pn.	(US-PGPUB)	OR	ON	ON	2023/12/22 01:57 PM
L51	1715	((eye$wear OR eye$glasses OR goggles OR spectacles OR sun$glasses) AND display AND ((virtual OR augmented) near4 reality) AND microphone AND electronic$ AND ((batter$3 OR power) near20 (temple OR stem OR ear)))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 05:31 PM
L52	31	L51 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 05:31 PM
L53	1	"6349001".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 06:18 PM
L54	9062	(goggles AND display AND microphone AND batter$3 AND lens AND (virtual OR augmented))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	OR	ON	ON	2023/12/22 06:22 PM

			EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L55	415	L5 AND L54	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 06:23 PM
L56	273	L5 AND L54	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 06:23 PM
L57	26	L56 AND @pd<"20120106"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 06:23 PM
L58	1	"6771423".pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 06:40 PM
L59	1	"20100110368".pn.	(US-PGPUB)	OR	ON	ON	2023/12/22 06:45 PM
L60	1837	("10114235"|"10598960"|"20010055094"|"20020049374"|"20020060525"|"20020140899"|"20020149739"|"20020186346"|"20030018383"|"20030103413"|"20030112523"|"20030151721"|"20030199978"|"20030208265"|"20030210377"|"20040000733"|"20040008157"|"20040008319"|"20040108971"|"20040117011"|"20040130677"|"20040160573"|"20040179280"|"20040181404"|"20040186533"|"20040196435"|"20040235416"|"20040239874"|"20040246440"|"20050049	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2023/12/22 08:01 PM

		578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452 9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605" |"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|" 4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958					

		907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862 04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6 165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64 37925"|"6464363"|"649 1391"|"6491394"|"6501 443"|"6517203"|"65544 25"|"6609794"|"661440				

		8"|"6616275"|"6616279"|"6618208"|"6619799"|"6626532"|"6631001"|"6638304"|"6643552"|"6652096"|"6667471"|"6682195"|"6705729"|"6709105"|"6709107"|"6709108"|"6714133"|"6733130"|"6738199"|"6768536"|"6769767"|"6774871"|"6778246"|"6793340"|"6830193"|"6833938"|"6840619"|"6851805"|"6857741"|"6859333"|"6871951"|"6883916"|"6886938"|"6893124"|"6894751"|"6902271"|"6918570"|"6918670"|"6948818"|"6951391"|"6955433"|"6956682"|"6976982"|"6986579"|"7008054"|"7009757"|"7018040"|"7019890"|"7023594"|"7034619"|"7041133"|"7077519"|"7085065"|"7130664"|"7133172"|"7137702"|"7159981"|"7159983"|"7188948"|"7192136"|"7195353"|"7209097"|"7229173"|"7255437"|"7290876"|"7380936"|"7396126"|"7401918"|"7404636"|"7438410"|"7461936"|"7475984"|"7481531"|"7500746"|"7500747"|"7543934"|"7581833"|"7607775"|"7621634"|"7631968"|"7677723"|"7760898"|"7771046"|"7792552"|"7806525"|"7831055"|"7922321"|"7988283"|"8025396"|"8089511"|"8109629"|"8174569"|"8337013"|"8430507"|"8434863"|"8465151"|"8500271"|"8770742"|"8915588"|"8931896"|"9122083"|"9124796"|"D298250"|"D342063"|"D350342"|"RE35691").PN.					
L61	364	("10114235"|"10598960"|"20010055094"|"20020049374"|"20020060525"|"20020140899"|"20020149739"|"20020186346"|"20030018383"|"20030103413"|"20030112	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/22 08:01 PM

		523"|"20030151721"|"2 0030199978"|"2003020 8265"|"20030210377"|" 20040000733"|"200400 08157"|"20040008319"| "20040108971"|"20040 117011"|"20040130677 "|"20040160573"|"2004 0179280"|"2004018140 4"|"20040186533"|"200 40196435"|"200402354 16"|"20040239874"|"20 040246440"|"20050049 578"|"20050073739"|"2 0050078274"|"2005009 9594"|"20050113912"|" 20050124983"|"200502 37485"|"20060044510"| "20060066808"|"20060 095128"|"20060113054 "|"20060122531"|"2006 0132382"|"2006015464 2"|"20060164593"|"200 60173367"|"200601770 86"|"20060183986"|"20 070030442"|"20080001 735"|"20080143954"|"2 0080218684"|"2009025 1409"|"20090256977"|" 20090296044"|"201000 45928"|"20100103076"| "20100177277"|"20100 292599"|"20110065428 "|"20110071459"|"2011 0249230"|"2013021537 4"|"20130235332"|"201 30242253"|"201302501 35"|"20140002753"|"20 150335420"|"20180329 234"|"2170287"|"24376 42"|"2576581"|"316171 8"|"3183523"|"3245315" |"3248460"|"3309162"|" 3614215"|"3738734"|"3 791719"|"4050814"|"40 62629"|"4174156"|"418 1408"|"4190330"|"4190 621"|"4257691"|"42641 54"|"4279474"|"430081 8"|"4320939"|"4373218" |"4395736"|"4418990"|" 4423929"|"4457585"|"4 461550"|"4461629"|"44 66703"|"4466706"|"452 9268"|"4564267"|"4572 616"|"4577928"|"46015 45"|"4609824"|"471287 0"|"4753514"|"4756605"					

		|"4772094"|"4781440"|" 4787733"|"4787903"|"4 795248"|"4813777"|"48 16031"|"4818095"|"483 6652"|"4842400"|"4869 588"|"4873029"|"48803 00"|"4890903"|"490406 3"|"4907860"|"4909626" |"4919520"|"4921728"|" 4927241"|"4929865"|"4 930884"|"4944584"|"49 45242"|"4952048"|"495 2788"|"4955712"|"4958 907"|"4961639"|"49681 27"|"4981342"|"499195 1"|"5015086"|"5030882" |"5050981"|"5066301"|" 5067795"|"5073021"|"5 076665"|"5089023"|"50 91801"|"5108169"|"511 4628"|"5130856"|"5142 411"|"5147585"|"51502 34"|"5171266"|"517372 3"|"5178800"|"5182585" |"5184156"|"5200859"|" 5208688"|"5219497"|"5 229797"|"5229885"|"52 31430"|"5239412"|"530 5028"|"5306926"|"5324 930"|"5352886"|"53594 44"|"5375006"|"538298 6"|"5386308"|"5411537" |"5424927"|"5440357"|" 5443506"|"5451766"|"5 455638"|"5488439"|"55 12371"|"5522323"|"555 2841"|"5585871"|"5606 743"|"5608567"|"56088 08"|"5615588"|"565375 1"|"5654786"|"5668620" |"5682223"|"5683457"|" 5702819"|"5712721"|"5 715337"|"5728155"|"57 39959"|"5757458"|"577 7719"|"5815233"|"5815 239"|"5859685"|"58619 34"|"5861936"|"587787 6"|"5900720"|"5905561" |"5949521"|"5953098"|" 5956183"|"5963300"|"5 971540"|"5980037"|"59 88816"|"5999328"|"604 0947"|"6050687"|"6069 742"|"6086203"|"60862 04"|"6091546"|"609183 2"|"6095651"|"6099117" |"6115177"|"6139148"|" 6145987"|"6157291"|"6				

		165123"|"6184847"|"61 88525"|"6191881"|"619 9984"|"6199986"|"6204 974"|"6213602"|"62702 20"|"6271915"|"628244 9"|"6299311"|"6305802" |"6325508"|"6338559"|" 6350031"|"6390623"|"6 396622"|"6437762"|"64 37925"|"6464363"|"649 1391"|"6491394"|"6501 443"|"6517203"|"65544 25"|"6609794"|"661440 8"|"6616275"|"6616279" |"6618208"|"6619799"|" 6626532"|"6631001"|"6 638304"|"6643552"|"66 52096"|"6667471"|"668 2195"|"6705729"|"6709 105"|"6709107"|"67091 08"|"6714133"|"673313 0"|"6738199"|"6768536" |"6769767"|"6774871"|" 6778246"|"6793340"|"6 830193"|"6833938"|"68 40619"|"6851805"|"685 7741"|"6859333"|"6871 951"|"6883916"|"68869 38"|"6893124"|"689475 1"|"6902271"|"6918570" |"6918670"|"6948818"|" 6951391"|"6955433"|"6 956682"|"6976982"|"69 86579"|"7008054"|"700 9757"|"7018040"|"7019 890"|"7023594"|"70346 19"|"7041133"|"707751 9"|"7085065"|"7130664" |"7133172"|"7137702"|" 7159981"|"7159983"|"7 188948"|"7192136"|"71 95353"|"7209097"|"722 9173"|"7255437"|"7290 876"|"7380936"|"73961 26"|"7401918"|"740463 6"|"7438410"|"7461936" |"7475984"|"7481531"|" 7500746"|"7500747"|"7 543934"|"7581833"|"76 07775"|"7621634"|"763 1968"|"7677723"|"7760 898"|"7771046"|"77925 52"|"7806525"|"783105 5"|"7922321"|"7988283" |"8025396"|"8089511"|" 8109629"|"8174569"|"8 337013"|"8430507"|"84 34863"|"8465151"|"850					

		0271"|"8770742"|"8915588"|"8931896"|"9122083"|"9124796"|"D298250"|"D342063"|"D350342"|"RE35691").PN.					

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N1	4	((eyewear ADJ frame) AND microphone AND (verbal ADJ query)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/21 03:17 PM

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. 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	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

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	10114235	B2	2018-10-30	Blum et al.	Entire Document
	2	10598960	B2	2020-03-24	Blum et al.	Entire Document
	3	2170287	A	1939-08-22	Kinnebrew	
	4	2437642	A	1948-03-09	Henroteau Francois	
	5	2576581	A	1951-11-27	Edwards	
	6	3161718	A	1964-12-15	De Luca	
	7	3183523	A	1965-05-18	Harrison Robert	
	8	3245315	A	1966-04-12	Marks et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	9	3248460	A	1966-04-26	Naujokas	
	10	3309162	A	1967-03-14	Kosanke et al.	
	11	3614215	A	1971-10-19	Leo	
	12	3738734	A	1973-06-12	Tait et al.	
	13	3791719	A	1974-02-12	Kratzer et al.	
	14	4050814	A	1977-09-27	Mcfadden	
	15	4062629	A	1977-12-13	Winthrop	
	16	4174156	A	1979-11-13	Glorieux	
	17	4181408	A	1980-01-01	Senders	
	18	4190330	A	1980-02-26	Berreman	
	19	4190621	A	1980-02-26	Greshes	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	20	4257691	A	1981-03-24	Brooks	
	21	4264154	A	1981-04-28	Petersen	
	22	4279474	A	1981-07-21	Belgorod	
	23	4300818	A	1981-11-17	Schachar	
	24	4320939	A	1982-03-23	Mueller	
	25	4373218	A	1983-02-15	Schachar	
	26	4395736	A	1983-07-26	Fraleux	
	27	4418990	A	1983-12-06	Gerber	
	28	4423929	A	1984-01-03	Gomi	
	29	4457585	A	1984-07-03	Ducorday	
	30	4461550	A	1984-07-24	Legendre	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	31	4461629	A	1984-07-24	Arisaki	
	32	4466703	A	1984-08-21	Nishimoto	
	33	4466706	A	1984-08-21	Lamothe li	
	34	4529268	A	1985-07-16	Brown	
	35	4564267	A	1986-01-14	Nishimoto	
	36	4572616	A	1986-02-25	Kowel et al.	
	37	4577928	A	1986-03-25	Brown	
	38	4601545	A	1986-07-22	Kern	Entire Document
	39	4609824	A	1986-09-02	Munier et al.	
	40	4712870	A	1987-12-15	Robinson et al.	
	41	4753514	A	1988-06-28	Kubik	Entire Document

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	42	4756605	A	1988-07-12	Okada et al.	
	43	4772094	A	1988-09-20	Sheiman	
	44	4781440	A	1988-11-01	Toda	
	45	4787733	A	1988-11-29	Silva	
	46	4787903	A	1988-11-29	Grendahl	
	47	4795248	A	1989-01-03	Okada et al.	
	48	4813777	A	1989-03-21	Rainville et al.	
	49	4816031	A	1989-03-28	Pfoff	
	50	4818095	A	1989-04-04	Takeuchi	
	51	4836652	A	1989-06-06	Oishi et al.	
	52	4842400	A	1989-06-27	Klein	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	53	4869588	A	1989-09-26	Frieder et al.	
	54	4873029	A	1989-10-10	Blum	
	55	4880300	A	1989-11-14	Payner et al.	
	56	4890903	A	1990-01-02	Treisman et al.	
	57	4904063	A	1990-02-27	Okada et al.	Entire Document
	58	4907860	A	1990-03-13	Noble	
	59	4909626	A	1990-03-20	Purvis et al.	
	60	4919520	A	1990-04-24	Okada et al.	
	61	4921728	A	1990-05-01	Takiguchi et al.	
	62	4927241	A	1990-05-22	Kuijk	
	63	4929865	A	1990-05-29	Blum	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	64	4930884	A	1990-06-05	Tichenor et al.	
	65	4944584	A	1990-07-31	Maeda et al.	
	66	4945242	A	1990-07-31	Berger et al.	
	67	4952048	A	1990-08-28	Frieder et al.	
	68	4952788	A	1990-08-28	Berger et al.	
	69	4955712	A	1990-09-11	Barth et al.	
	70	4958907	A	1990-09-25	Davis	
	71	4961639	A	1990-10-09	Lazarus	
	72	4968127	A	1990-11-06	Russell et al.	
	73	4981342	A	1991-01-01	Fiala	
	74	4991951	A	1991-02-12	Mizuno et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	75	5900720	A	1999-05-04	Kallman et al.	Entire Document
	76	5015086	A	1991-05-14	Okaue et al.	Entire Document
	77	5030882	A	1991-07-09	Solero	
	78	5050981	A	1991-09-24	Roffman	
	79	5066301	A	1991-11-19	Wiley	Entire Document
	80	5067795	A	1991-11-26	Senatore	
	81	5073021	A	1991-12-17	Marron	
	82	5076665	A	1991-12-31	Petersen	
	83	5089023	A	1992-02-18	Swanson	Entire Document
	84	5091801	A	1992-02-25	Ebstein	
	85	5108169	A	1992-04-28	Mandell	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

	86	5114628	A	1992-05-19	Hoefer et al.	
	87	5130856	A	1992-07-14	Tichenor et al.	
	88	5142411	A	1992-08-25	Fiala	
	89	5147585	A	1992-09-15	Blum	
	90	5150234	A	1992-09-22	Takahashi et al.	
	91	5171266	A	1992-12-15	Wiley et al.	
	92	5173723	A	1992-12-22	Volk	
	93	5178800	A	1993-01-12	Blum	
	94	5182585	A	1993-01-26	Stoner	
	95	5184156	A	1993-02-02	Black et al.	
	96	5200859	A	1993-04-06	Payner et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	97	5208688	A	1993-05-04	Fergason et al.	
	98	5219497	A	1993-06-15	Blum	
	99	5229797	A	1993-07-20	Futhey et al.	Entire Document
	100	5229885	A	1993-07-20	Quaglia	
	101	5231430	A	1993-07-27	Kohayakawa	
	102	5239412	A	1993-08-24	Naka et al.	
	103	5305028	A	1994-04-19	Okano	
	104	5306926	A	1994-04-26	Yonemoto	
	105	5324930	A	1994-06-28	Jech	
	106	5352886	A	1994-10-04	Kane	
	107	5359444	A	1994-10-25	Piosenka et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	108	5375006	A	1994-12-20	Haas	
	109	5382986	A	1995-01-17	Black et al.	
	110	5386308	A	1995-01-31	Michel et al.	
	111	5411537	A	1995-05-02	Munshi et al.	
	112	5424927	A	1995-06-13	Schaller et al.	
	113	5440357	A	1995-08-08	Quaglia	
	114	5443506	A	1995-08-22	Garabet	
	115	5451766	A	1995-09-19	Van	
	116	5455638	A	1995-10-03	Kallman et al.	
	117	5488439	A	1996-01-30	Weltmann	
	118	5512371	A	1996-04-30	Gupta et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	119	5522323	A	1996-06-04	Richard	
	120	5552841	A	1996-09-03	Gallorini et al.	
	121	5585871	A	1996-12-17	Linden	Entire Document
	122	5606743	A	1997-02-25	Vogt et al.	Entire Document
	123	5608567	A	1997-03-04	Grupp	Entire Document
	124	5608808	A	1997-03-04	Da	
	125	5615588	A	1997-04-01	Gottschald	
	126	5653751	A	1997-08-05	Samiy et al.	
	127	5654786	A	1997-08-05	Gerald	
	128	5668620	A	1997-09-16	Kurtin et al.	
	129	5682223	A	1997-10-28	Menezes et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	130	5683457	A	1997-11-04	Gupta et al.	
	131	5702819	A	1997-12-30	Gupta et al.	
	132	5712721	A	1998-01-27	Large	Entire Document
	133	5715337	A	1998-02-03	Spitzer et al.	
	134	5728155	A	1998-03-17	Anello et al.	
	135	5739959	A	1998-04-14	Quaglia	
	136	5757458	A	1998-05-26	Miller et al.	
	137	5777719	A	1998-07-07	Williams et al.	
	138	5815233	A	1998-09-29	Morokawa et al.	
	139	5815239	A	1998-09-29	Chapman et al.	
	140	5859685	A	1999-01-12	Gupta et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	141	5861934	A	1999-01-19	Blum et al.	
	142	5861936	A	1999-01-19	Sorensen	
	143	5877876	A	1999-03-02	Birdwell	
	144	5905561	A	1999-05-18	Lee et al.	
	145	5949521	A	1999-09-07	Williams et al.	
	146	5953098	A	1999-09-14	Lieberman et al.	
	147	5956183	A	1999-09-21	Epstein et al.	
	148	5963300	A	1999-10-05	Horwitz	
	149	5971540	A	1999-10-26	Ofner	
	150	5980037	A	1999-11-09	Conway	
	151	5988816	A	1999-11-23	Quadri	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	152	5999328	A	1999-12-07	Kurtin et al.	
	153	6213602	B1	2001-04-10	Smarto	Entire Document
	154	6040947	A	2000-03-21	Kurtin et al.	
	155	6050687	A	2000-04-18	Bille et al.	
	156	6069742	A	2000-05-30	Silver	
	157	6086203	A	2000-07-11	Blum et al.	
	158	6086204	A	2000-07-11	Magnante	
	159	6091546	A	2000-07-18	Spitzer	
	160	6091832	A	2000-07-18	Shurman et al.	
	161	6095651	A	2000-08-01	Williams et al.	
	162	6099117	A	2000-08-08	Gregory	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	163	6115177	A	2000-09-05	Vossler	
	164	6139148	A	2000-10-31	Menezes	
	165	6145987	A	2000-11-14	Baude et al.	
	166	6157291	A	2000-12-05	Kuenster et al.	
	167	6165123	A	2000-12-26	Thompson	
	168	6184847	B1	2001-02-06	Fateh et al.	Entire Document
	169	6188525	B1	2001-02-13	Silver	
	170	6191881	B1	2001-02-20	Tajima	
	171	6199984	B1	2001-03-13	Menezes	
	172	6199986	B1	2001-03-13	Williams et al.	
	173	6204974	B1	2001-03-20	Spitzer	Entire Document

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	174	6270220	B1	2001-08-07	Keren	
	175	6271915	B1	2001-08-07	Frey et al.	
	176	6282449	B1	2001-08-28	Kamerling et al.	
	177	6299311	B1	2001-10-09	Williams et al.	
	178	6305802	B1	2001-10-23	Roffman et al.	
	179	6325508	B1	2001-12-04	Decreton et al.	
	180	6338559	B1	2002-01-15	Williams et al.	
	181	6350031	B1	2002-02-26	Lashkari et al.	
	182	6390623	B1	2002-05-21	Kokonaski et al.	
	183	6396622	B1	2002-05-28	Alden	
	184	6437762	B1	2002-08-20	Birdwell	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	185	6437925	B1	2002-08-20	Nishioka	
	186	6464363	B1	2002-10-15	Nishioka et al.	
	187	6491391	B1	2002-12-10	Blum et al.	
	188	6491394	B1	2002-12-10	Blum et al.	
	189	6501443	B1	2002-12-31	Mcmahon	
	190	6517203	B1	2003-02-11	Blum et al.	
	191	6554425	B1	2003-04-29	Roffman et al.	
	192	6609794	B2	2003-08-26	Levine	
	193	6614408	B1	2003-09-02	Mann W	
	194	6616275	B1	2003-09-09	Dick et al.	
	195	6616279	B1	2003-09-09	Davis et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	196	6618208	B1	2003-09-09	Silver	
	197	6619799	B1	2003-09-16	Blum et al.	Entire Document
	198	6626532	B1	2003-09-30	Nishioka et al.	
	199	6631001	B2	2003-10-07	Kuiseko	
	200	6638304	B2	2003-10-28	Azar	
	201	6643552	B2	2003-11-04	Edell et al.	
	202	6652096	B1	2003-11-25	Morris et al.	
	203	6667471	B2	2003-12-23	Bos et al.	
	204	6682195	B2	2004-01-27	Dreher	
	205	6705729	B2	2004-03-16	Piers et al.	
	206	6709105	B2	2004-03-23	Menezes	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	207	6709107	B2	2004-03-23	Jiang et al.	
	208	6709108	B2	2004-03-23	Levine et al.	
	209	6714133	B2	2004-03-30	Hum et al.	
	210	6733130	B2	2004-05-11	Blum et al.	
	211	6738199	B2	2004-05-18	Nishioka	
	212	6768536	B2	2004-07-27	Okuwaki et al.	
	213	6769767	B2	2004-08-03	Swab et al.	Entire Document
	214	6774871	B2	2004-08-10	Birdwell	
	215	6778246	B2	2004-08-17	Sun et al.	
	216	6793340	B1	2004-09-21	Morris et al.	
	217	6830193	B2	2004-12-14	Tanaka	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	218	6833938	B2	2004-12-21	Nishioka	
	219	6840619	B2	2005-01-11	Dreher	
	220	6851805	B2	2005-02-08	Blum et al.	
	221	6857741	B2	2005-02-22	Blum et al.	
	222	6859333	B1	2005-02-22	Ren et al.	
	223	6871951	B2	2005-03-29	Blum et al.	
	224	6883916	B2	2005-04-26	Menezes	
	225	6886938	B1	2005-05-03	Menezes	
	226	6893124	B1	2005-05-17	Kurtin	
	227	6894751	B2	2005-05-17	Payne et al.	
	228	6902271	B2	2005-06-07	Perrott et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	229	6918570	B2	2005-07-19	Ahn	
	230	6918670	B2	2005-07-19	Blum et al.	
	231	6948818	B2	2005-09-27	Williams et al.	
	232	6951391	B2	2005-10-04	Michael et al.	
	233	6955433	B1	2005-10-18	Benjamin et al.	
	234	6956682	B2	2005-10-18	Benjamin	

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	20010055094	A1	2001-12-27	Zhang	
	2	20020049374	A1	2002-04-25	Abreu	
	3	20020060525	A1	2002-05-23	Sagano et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	4	20020140899	A1	2002-10-03	Blum et al.	
	5	20020149739	A1	2002-10-17	Perrott et al.	
	6	20020186346	A1	2002-12-12	Stantz et al.	
	7	20030018383	A1	2003-01-23	Azar	
	8	20030210377	A1	2003-11-13	Blum et al.	Entire Document
	9	20030103413	A1	2003-06-05	Jacobi et al.	
	10	20030112523	A1	2003-06-19	Daniell	
	11	20030151721	A1	2003-08-14	Lai et al.	
	12	20030199978	A1	2003-10-23	Lindsey et al.	
	13	20030208265	A1	2003-11-06	Ho et al.	
	14	20040000733	A1	2004-01-01	Swab et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	15	20040008157	A1	2004-01-15	Brubaker et al.	
	16	20040008319	A1	2004-01-15	Lai et al.	
	17	20040117011	A1	2004-06-17	Aharoni et al.	
	18	20040181404	A1	2004-09-16	Shedd	Entire Document
	19	20040235416	A1	2004-11-25	Chan et al.	Entire Document
	20	20040108971	A1	2004-06-10	Waldern et al.	
	21	20040130677	A1	2004-07-08	Liang et al.	
	22	20040160573	A1	2004-08-19	Jannard et al.	
	23	20040179280	A1	2004-09-16	Nishioka	
	24	20040186533	A1	2004-09-23	Greenberg et al.	
	25	20040196435	A1	2004-10-07	Dick et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	26	20040239874	A1	2004-12-02	Swab et al.	
	27	20040246440	A1	2004-12-09	Andino et al.	
	28	20050049578	A1	2005-03-03	Tu et al.	
	29	20050073739	A1	2005-04-07	Meredith et al.	
	30	20050078274	A1	2005-04-14	Howell et al.	
	31	20050099594	A1	2005-05-12	Blum et al.	
	32	20050113912	A1	2005-05-26	Feenstra et al.	
	33	20050124983	A1	2005-06-09	Frey et al.	
	34	20050237485	A1	2005-10-27	Blum et al.	
	35	20060095128	A1	2006-05-04	Blum et al.	
	36	20060132382	A1	2006-06-22	Jannard	Entire Document

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	37	20060154642	A1	2006-07-13	Scannell	Entire Document
	38	20060164593	A1	2006-07-27	Peyghambarian et al.	Entire Document
	39	20060044510	A1	2006-03-02	Williams et al.	
	40	20060066808	A1	2006-03-30	Blum et al.	
	41	20060113054	A1	2006-06-01	Silvestrini	
	42	20060122531	A1	2006-06-08	Goodall et al.	
	43	20060173367	A1	2006-08-03	Stuart et al.	
	44	20060177086	A1	2006-08-10	Rye et al.	
	45	20060183986	A1	2006-08-17	Rice et al.	
	46	20070030442	A1	2007-02-08	Howell et al.	Entire Document
	47	20080001735	A1	2008-01-03	Tran	Entire Document

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	48	20080143954	A1	2008-06-19	Abreu et al.	
	49	20080218684	A1	2008-09-11	Howell et al.	
	50	20090251409	A1	2009-10-08	Parkinson et al.	Entire Document
	51	20090256977	A1	2009-10-15	Haddock et al.	Entire Document
	52	20090296044	A1	2009-12-03	Howell et al.	
	53	20100045928	A1	2010-02-25	Levy	Entire Document
	54	20100177277	A1	2010-07-15	Kokonaski et al.	Entire Document
	55	20100103076	A1	2010-04-29	Yamamoto	
	56	20100292599	A1	2010-11-18	Oleson et al.	
	57	20110065428	A1	2011-03-17	Schroeter	Entire Document
	58	20110071459	A1	2011-03-24	Rickard Matthew et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	59	20110249230	A1	2011-10-13	Blum	
	60	20130215374	A1	2013-08-22	Blum et al.	
	61	20130235332	A1	2013-09-12	Blum et al.	
	62	20130242253	A1	2013-09-19	Blum et al.	
	63	20130250135	A1	2013-09-26	Blum et al.	
	64	20140002753	A1	2014-01-02	Griffin	Entire Document
	65	20150335420	A1	2015-11-26	Blum et al.	
	66	20180329234	A1	2018-11-15	Blum et al.	Entire Document

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	201222131	CN	Y	2009-04-15	ZHENJIANG WANXIN OPTICAL GLASS		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	2	201464741	CN	U	2010-05-12	JINHE, He		
	3	2911723	CN	Y	2007-06-13	LI, Chen		
	4	89113088	CN	A	2001-10-21	BLUM et al.		
	5	ROC89113088	CN		2008-07-05	BLUM et al.		
	6	4223395	DE	A1	1994-01-13	GRIMM et al.		
	7	0154962	EP	A2	1985-09-18	Shimada et al.		
	8	0233104	EP	A1	1987-08-19	Arques et al.		
	9	0237365	EP	A1	1987-09-16	Arques		
	10	0578833	EP	A1	1994-01-19	Mukaiyama et al.		
	11	0649044	EP	A1	1995-04-19	Morokawa et al.		
	12	0918248	EP	A2	1999-05-26	Large	Entire Document	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

	13	2169417	GB	A	1986-07-09	Okada et al.		
	14	2170613	GB	A	1986-08-06	Okada et al.		
	15	2000138858	JP	A	2007-09-07	Misawa et al.		
	16	2001522063	JP	A	2001-11-13	SPITZER	Entire Document	
	17	2002525769	JP	A	2002-08-13	TWERN et al.	Entire Document	
	18	2002533158	JP	A	2002-10-08	VISIONCARE LTD		
	19	2003230590	JP	A	2003-08-19	Ito et al.		
	20	2003244776	JP	A	2003-08-29	Ochiai et al.	Entire Document	
	21	2003312391	JP	A	2003-11-06	Bando et al.	Entire Document	
	22	2005502902	JP	A	2005-01-27	SWAB et al.	Entire Document	
	23	2007323062	JP	A	2007-12-13	Ono		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

	24	2008545287	JP	A	2008-12-11	MARCUS	Entire Document	
	25	2011229024	JP	A	2011-11-10	Sugihara et al.	Entire Document	
	26	H01237610	JP	A	1989-09-22	Otsuka		
	27	H0423579	JP	A	1992-01-27	Sato et al.		
	28	H0461495	JP	A	1992-02-27	Komori		
	29	H05100201	JP	A	1993-04-23	Yokoyama et al.		
	30	H0728002	JP	A	1995-01-31	Iguchi et al.		
	31	H08508826	JP	A	1996-09-17	Large		
	32	H11352445	JP	A	1999-12-24	Nishioka et al.		
	33	S5576323	JP	A	1980-06-09	Tomita		
	34	S58113912	JP	A	1983-07-07	Hatsutori		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

	35	S61156227	JP	A	1986-07-15	Okada et al.		
	36	S61502221	JP	A	1986-10-02	KERN SEYMOUR P		
	37	S6357044	JP	A	1988-03-11	Riyuu et al.		
	38	102347056	KR	B1	2022-01-03	BLUM et al.	Entire Document	
	39	0038593	WO	A1	2000-07-06	Dotan et al.		
	40	0106298	WO	A1	2001-01-25	Blum et al.		
	41	03007851	WO	A1	2003-01-30	Azar		
	42	03050472	WO	A1	2003-06-19	Horwitz		
	43	03068059	WO	A2	2003-08-21	Lai et al.		
	44	2004008189	WO	A1	2004-01-22	Lai et al.		
	45	2004015460	WO	A2	2004-02-19	Blum et al.	Entire Document	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	46	2004015481	WO	A1	2004-02-19	Dreher et al.		
	47	2004034095	WO	A2	2004-04-22	Lai		
	48	2004072687	WO	A2	2004-08-26	Blum et al.		
	49	2006120416	WO	A1	2006-11-16	Lewis et al.	Entire Document	
	50	2010080999	WO	A1	2010-07-15	Kokonaski et al.	Entire Document	

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.	T5
	1	ANDERSON "Adaptive Optics: Liquid Crystals Lower the Cost of Adaptive Optics" Laser Focus World (Dec. 1999).	
	2	BERTSCH et al., "The Sensing Contact Lens", Medical Device Technology (2006); 17: 19-21.	
	3	BRADLEY "Profile: Larry N. Thibos, PhD., and Donald T. Miller, PhD." Indian Journal of Optometry; 2:1 (Spring 1999).	
	4	Corrected Notice of Allowance in U.S. Appl. No. 13/735,887, dated Jul. 10, 2015, 2 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	5	Davis, Robert A. "Computer Vision Syndrome—The Eyestrain Epidemic" Review of Optometry (Sep. 15, 1997).	
	6	Eggers, T. et al., "Wireless Intra-ocular Pressure Monitoring System Integrated in an Artificial Lens", Presented at the First Annual International IEEE-EMBS Special Topic Conference on Microtechnologies in Medicine & Biology, Lyon, France, Oct. 12-14, 2000; Paper 7: 466-469.	
	7	Eyecare Business (Oct. 1997).	
	8	Final Office Action dated Dec. 12, 2017 from U.S. Appl. No. 15/437,746, 13 pages.	
	9	Final Office Action dated Dec. 12, 2017 from U.S. Appl. No. 15/438,104, 12 pages.	
	10	Final Office Action dated Oct. 10, 2017 from U.S. Appl. No. 15/440,675, 17 pages.	
	11	International Preliminary Report on Patentability in PCT/US05/39101, dated May 8, 2007, 4 pages.	
	12	International Preliminary Report on Patentability in PCT/US2013/020571, dated Jul. 8, 2014, 7 pages.	
	13	International Search Report corresponding to the PCT/US09/037544 application dated May 20, 2009.	
	14	International Search Report for Application No. PCT/US 08/54721 dated Aug. 20, 2008.	
	15	International Search Report in PCT/US2013/020571, dated Jul. 5, 2013, 4 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	16	International Search Report of Application No. PCT/US05/39101 dated Jul. 7, 2006.	
	17	International Search Report of Application No. PCT/US08/51649 dated Jul. 7, 2008.	
	18	KOWEL et al "Focusing by electrical modulation of refraction in a liquid crystal cell" Applied Optics 23:2 (Jan. 151984).	
	19	LAZARUS "The Use of Yoked Base-Up and Base-In Prism for Reducing Eye Strain at the Computer" Journal of the American Optometric Association (Apr. 1996).	
	20	Leonardi et al., "A Soft Contact Lens with a MEMS Strain Gage Embedded for Intraocular Pressure Monitoring", Transducers '03; The 12th International Conference on Solid Slate Sensors, Actuators and Microsyslems, Boston, Jun. 8-12, 2003; 3B2.5: 1043-1046.	
	21	Leonardi, et al., "First Steps toward Noninvasive IOP—Monitoring with a Sensing Contact Lens", Investigative Ophthalmology & Visual Science (2004); 45(9): 3113-3117.	
	22	MILLER et al. "Requirements for the segmented spatial light modulators for diffraction-limited imaging through aberrated eyes," G.D. Love, ed. Proceedings of the 2nd International Workshop on Adaptive Optics for Industry and Medicine, World Scientific, Singapore, 63-68 (Jul. 1999).	
	23	Naumov, A.F. "Control Optimization of Spherical Modal Liquid Crystal Lenses", Optics Express 4:9; Optical Society of America (Apr. 26, 1999).	
	24	Naumov, A.F. "Liquid Crystal Adaptive Lenses with Modal Control" Optics Letters, 23:13 Optical Society of America (Jul. 1, 1998).	
	25	Non-Final Office Action dated Aug. 10, 2017 from U.S. Appl. No. 15/613,733, 19 pages.	
	26	Non-Final Office Action dated Dec. 1, 2017 from U.S. Appl. No. 14/816,249, 12 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	27	Non-Final Office Action dated Jun. 14, 2017 from U.S. Appl. No. 15/440,675, 18 pages.	
	28	Non-Final Office Action dated Jun. 30, 2017 from U.S. Appl. No. 15/437,746, 12 pages.	
	29	Non-Final Office Action dated Jun. 30, 2017 from U.S. Appl. No. 15/438,104, 10 pages.	
	30	Notice of Allowance dated May 24, 2017 from U.S. Appl. No. 14/816,249, 8 pages.	
	31	Notice of Allowance in U.S. Appl. No. 13/735,887, dated Apr. 28, 2015, 8 pages.	
	32	Notice of Allowance in U.S. Appl. No. 13/779,232, dated Sep. 18, 2014, 10 pages.	
	33	Notice of Allowance in U.S. Appl. No. 13/779,320, dated Apr. 28, 2015, 8 pages.	
	34	Notice of Allowance in U.S. Appl. No. 13/779,407, dated Jun. 26, 2014, 8 pages.	
	35	Notice of Allowance in U.S. Appl. No. 13/779,407, dated Sep. 15, 2014, 5 pages.	
	36	Notice of Allowance with translation in Korean Application No. 10-2021-7042950 (Atty. Docket No. EVSO-012KR07) dated October 27, 2022, 11 pages	
	37	Office Action (Ex Parte Quayle Action) issued in corresponding U.S. Appl. No. 13/779,320 dated Mar. 17, 2014, 7 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	38	Office Action (Ex-Parte Quayle Action) in U.S. Appl. No. 13/779,232, dated May 16, 2014, 5 pages.	
	39	Office Action and Search Report in CN Application No. 201310009498.3, dated Apr. 29, 2015 (and English translation), 36 pages.	
	40	Office Action in CN Application No. 201380009013.9, dated May 26, 2015 (and English translation), 36 pages.	
	41	Office Action in corresponding U.S. Appl. No. 13/779,232, dated Dec. 24, 2013, 9 pages.	
	42	Office Action in corresponding U.S. Appl. No. 13/779,407 dated Mar. 17, 2014, 6 pages.	
	43	Office Action in corresponding U.S. Appl. No. 13/779,407, dated Sep. 17, 2013, 10 pages.	
	44	Office Action in U.S. Appl. No. 13/779,320, dated Feb. 6, 2015, 7 pages.	
	45	Office Action in U.S. Appl. No. 14/816,249, dated Dec. 20, 2016, 7 pages.	
	46	Office Action in U.S. Appl. No. 15/438,104, dated Apr. 19, 2017, 8 pages.	
	47	Office Action issued in corresponding U.S. Appl. 13/779,320 dated Sep. 17, 2013, 13 pages.	
	48	Optics, Org, Dec. 19, 2006 "Liquid Lenses Eye Commercial Breakthrough" Opto & Laser Europe (Nov. 2003).	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	49	Pitchon, E.M. et al., "First In-Vivo Human Monitoring of Intraocular Pressure Fluctuation and Ocular Pulsation by a Wireless Soft Contact Lens Sensor." Congress of the European Glaucoma Society, Berlin, Jun. 2008; Congres annuel de la Societe francaise d'ophtalmologie, Paris, May 2008; ARVO Meeting (The Association for Research in Vision and Ophthalmology), Apr. 27-May 1, 2008, Fort Lauderdale American Glaucoma Society, 18th Annual Meeting, Mar. 2008, Washington, 1 page.
	50	Restriction Requirement in U.S. Appl. No. 13/779,320, dated Jul. 17, 2014, 8 pages.

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

EXAMINER SIGNATURE

Examiner Signature	/WILLIAM R ALEXANDER/	Date Considered	12/22/2023

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

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	/Christopher Max Colice/	Date (YYYY-MM-DD)	2023-01-11
Name/Print	Christopher Max Colice	Registration Number	65634

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.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

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.

EFS Web 2.1.18

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W.R.A/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor:	Ronald D. Blum	Confirmation No.:	7596
Application No.:	17/935,468	Group Art Unit:	Not Yet Assigned
Filed:	2022-09-26	Examiner:	Not Yet Assigned

For: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

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

PRELIMINARY AMENDMENT

Prior to examination of the above-identified application, please amend the above-captioned application as follows:

Amendments to the Claims are reflected on the listing of the claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

IN THE CLAIMS:

Set forth below in ascending order, with status identifiers, is a complete listing of all claims currently under examination. Changes to any amended claims are indicated by [[double brackets]], ~~strikethrough~~ and/or underlining. This listing also reflects any cancellation and/or addition of claims.

1. (Currently Amended) Eyewear comprising:

an eyewear frame;

an electronic lens coupled to the eyewear frame and having a display function that provides virtual reality, augmented reality, or gaming to a person wearing the eyewear;

a microphone coupled to the eyewear frame and configured to receive an oral command from a person wearing the eyewear; and

an electronic module coupled to the eyewear frame and configured to ~~control~~ adjust the display function of the electronic lens.

2. (Canceled)

3. (Canceled)

4. (Previously Presented) The eyewear of claim 1, wherein the eyewear frame further includes application connection points configured to attach to a universal cable connector.

5. (Previously Presented) The eyewear of claim 4, wherein the application connection points comprise power connections, audio connections, audio ground, and/or video connections.

6. (Currently Amended) The eyewear of claim 5, wherein the electronic module is configured to ~~control~~ adjust a lens function of the eyewear based on data received via the video connections.

7. (Previously Presented) The eyewear of claim 1, further comprising:

a camera coupled to the eyewear frame.

8. (Previously Presented) The eyewear of claim 1, wherein the electronic lens is a first electronic lens, and further comprising:

a second electronic lens coupled to the eyewear frame,

wherein the electronic module includes at least one control unit housed in the eyewear frame and operably coupled to and configured to control the first electronic lens and the second electronic lens.

9. (Previously Presented) Eyewear comprising:

an eyewear frame;

a speaker coupled to the eyewear frame;

a microphone coupled to the eyewear frame to receive a verbal query from a wearer of the eyewear; and

a processor, operably coupled to the microphone and the speaker to transmit the verbal query to an external device, receive a response to the verbal query from the external device, and provide the response to the wearer via the speaker,

wherein the verbal query causes the external device to obtain the response to the verbal query by searching a computer network for the response to the verbal query.

10. (Previously Presented) The eyewear of claim 9, wherein the eyewear further comprises:

a wireless communication chip to communicate wirelessly with the external device.

11. (Previously Presented) The eyewear of claim 10, wherein the wireless communication chip is a Bluetooth communication chip.

12. (Previously Presented) The eyewear of claim 10, wherein the processor transmits the verbal query to the external device via WiFi communication.

13. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control an external audio device based at least in part on an instruction from the wearer.

14. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control an external video device based at least in part on an instruction from the wearer.

15. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control light and/or temperature in an environment based at least in part on preferences of the wearer.

16. (Previously Presented) The eyewear of claim 9, wherein the external device is a smart phone.

17. (Previously Presented) A method comprising:

receiving, by a microphone mechanically coupled to an eyewear frame, a verbal query from a person wearing the eyewear frame;

transmitting, by a processor mechanically coupled to the eyewear frame and operably coupled to the microphone, the verbal query to an external device, the verbal query causing the external device to search a computer network for a response to the verbal query;

receiving, by the processor, the response to the verbal query from the external device; and

providing the response to the verbal query to the person wearing the eyewear frame via a speaker operably coupled to the processor.

18. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external audio device, the verbal instruction causing the external audio device to adjust a parameter of the external audio device.

19. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external video device, the verbal instruction causing the external video device to adjust a parameter of the external video device.

20. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to the external device, the verbal instruction causing the external device to adjust a light in an environment of the person wearing the eyewear frame.

21. (Previously Presented) The eyewear of claim 1, wherein the electronic module is positioned within the eyewear frame.

22. (Previously Presented) The eyewear of claim 1, wherein the eyewear frame comprises:

a lens housing holding the electronic lens; and

a first temple and a second temple, attached to the lens housing, to secure the eyewear to a head of the person wearing the eyewear.

23. (Previously Presented) The eyewear of claim 22, wherein the electronic module is disposed within the first temple.

24. (Previously Presented) The eyewear of claim 23, wherein the electronic module is a first electronic module and further comprising:

a second electronic module disposed within the second temple.

25. (Previously Presented) The eyewear of claim 23, further comprising:

a power supply disposed within one of the first temple or the second temple.

26. (Previously Presented) The eyewear of claim 25, further comprising:

a first conductive link coupling the power supply to the electronic module; and

a second conductive link coupling the electronic module to the electronic lens.

27. (Previously Presented) The eyewear of claim 26, further comprising:

a first conductive link positioned within the eyewear frame and coupling the power supply to the electronic module; and

a second conductive link positioned within the eyewear frame and coupling the electronic module to the electronic lens.

28. (Previously Presented) The eyewear of claim 1, wherein the eyewear frame comprises goggles.

29. (Previously Presented) The eyewear of claim 1, further comprising:

a strap to secure the eyewear to a head of the person wearing the eyewear.

30. (Currently Amended) The eyewear of claim 1, wherein the electronic module is configured to ~~control~~ adjust a tint and/or a focus of the electronic lens in response to the oral command.

REMARKS

Entry and consideration of the foregoing amendments is respectfully requested. Claims 1, 6, and 30 are being amended.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 60-1876.

Dated: August 25, 2023

Respectfully submitted,

Smith Baluch LLP
376 Boylston St, Suite 401
Boston MA 02116

Phone: (617) 947-7280

By /Christopher Max Colice/
Christopher Max Colice
Registration No. 65634

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**08/25/2023 02:23:31 PM ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Christopher Colice
PATENT CENTER #	62677092	FILING DATE	09/26/2022
CUSTOMER #	149890	FIRST NAMED INVENTOR	Ronald D. Blum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Christopher Colice

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
EVSO-012US09_Preliminary_Amendment_2023-08-25-APP.TEXT.docx	6	Application body structured text document	28 KB
Warning: All artifacts (SmartArt, Drawings, Charts, etc) have been replaced with images. Bookmarks were found and have been removed.			
EVSO-012US09_Preliminary_Amendment_2023-08-25.pdf	6	Auxiliary PDF of Application	209 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
EVSO-012US09_Preliminary_Amendment_2023-08-25-APP.TEXT.docx	8A9B40E10A98B4725617AECF43806FC9D6917F8DEAD1AD088A237CAE5C3FC7E272C433FD0F0BA7F9F4997DA5D683292E1EF53E539D8887B2524AAC48864A1B8F
EVSO-012US09_Preliminary_Amendment_2023-08-25.pdf	C65DA9594AEDD245A4EB7EF5F954E300B462B034EDE18081330462C1F51DC254F4F2F8E4E95532BF8CFA755A69ED3AAFE2B1D8EB38905BA599E8BB07F85527D5

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 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 17/935,468	Filing Date 09/26/2022	☐ 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), (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 $100 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $480 =	
☐ 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	08/25/2023	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 28	Minus	** 28	= 0		x $100 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0		x $480 =	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".	/LAWANA D DURANT/
*** 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

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**07/20/2023 05:12:22 PM ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Christopher Colice
PATENT CENTER #	62472252	FILING DATE	09/26/2022
CUSTOMER #	149890	FIRST NAMED INVENTOR	Ronald D. Blum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Christopher Colice

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
EVSO-012US09_Preliminary_Amendment_2023-07-19-APP.TEXT.docx	6	Application body structured text document	28 KB
Warning: All artifacts (SmartArt, Drawings, Charts, etc) have been replaced with images. Bookmarks were found and have been removed.			
EVSO-012US09_Preliminary_Amendment_2023-07-19.pdf	6	Auxiliary PDF of Application	214 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
EVSO-012US09_Preliminary_Amendment_2023-07-19-APP.TEXT.docx	B1C3AA627A53897E7691E8500C831B208A4BDDEDD74EA6B8C14C6D427E8262AC0DAE7E1AFA43A81C1BE49CA69A5D4FFF6FA99054D0E44FAEBF1C66217796B76B
EVSO-012US09_Preliminary_Amendment_2023-07-19.pdf	E9C6366D351A7850D7BB6A56B34F160ADA7BA5E3D9AD3341986CA51F4B9670BAB8E274238E53CF719CA5B94F2CBA48C6E0DF68A6696D0D8C240889A0A70FA941

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 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.

Attorney Docket No. EVSO-012US09 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor:	Ronald D. Blum	Confirmation No.:	7596
Application No.:	17/935,468	Group Art Unit:	Not Yet Assigned
Filed:	2022-09-26	Examiner:	Not Yet Assigned

For: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

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

PRELIMINARY AMENDMENT

Prior to examination of the above-identified application, please amend the above-captioned application as follows:

Amendments to the Claims are reflected on the listing of the claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

IN THE CLAIMS:

Set forth below in ascending order, with status identifiers, is a complete listing of all claims currently under examination. Changes to any amended claims are indicated by [[double brackets]], ~~strikethrough~~ and/or underlining. This listing also reflects any cancellation and/or addition of claims.

1. (Currently Amended) Eyewear comprising:

~~a spectacle~~ an eyewear frame ~~having a first temple and a second temple~~;

an electronic lens coupled to the ~~spectacle~~ eyewear frame and having a display function that provides virtual reality, augmented reality, or gaming to a person wearing the eyewear;

a microphone coupled to the ~~spectacle~~ eyewear frame and configured to receive an oral command from a person wearing the eyewear; and

an electronic module coupled to the ~~spectacle~~ eyewear frame and configured to control ~~a tint and/or a focus of~~ the display function of the electronic lens ~~in response to the oral command~~.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) The eyewear of claim 1, wherein the ~~spectacle~~ eyewear frame further includes application connection points configured to attach to a universal cable connector.

5. (Previously Presented) The eyewear of claim 4, wherein the application connection points comprise power connections, audio connections, audio ground, and/or video connections.

6. (Previously Presented) The eyewear of claim 5, wherein the electronic module is configured to control a lens function of the eyewear based on data received via the video connections.

7. (Currently Amended) The eyewear of claim 1, further comprising:

a camera coupled to the ~~spectacle~~ eyewear frame.

8. (Currently Amended) The eyewear of claim 1, wherein the electronic lens is a first electronic lens, and further comprising:

a second electronic lens coupled to the ~~spectacle~~ eyewear frame,

wherein the electronic module includes at least one control unit housed in the ~~spectacle~~ eyewear frame and operably coupled to and configured to control the first electronic lens and the second electronic lens.

9. (Currently Amended) Eyewear comprising:

an eyewear frame ~~having a first temple and a second temple~~;

a speaker coupled to the eyewear frame;

a microphone coupled to the eyewear frame to receive a verbal query from a wearer of the eyewear; and

a processor, operably coupled to the microphone and the speaker to transmit the verbal query to an external device, receive a response to the verbal query from the external device, and provide the response to the wearer via the speaker,

wherein the verbal query causes the external device to obtain the response to the verbal query by searching a computer network for the response to the verbal query.

10. (Previously Presented) The eyewear of claim 9, wherein the eyewear further comprises:

a wireless communication chip to communicate wirelessly with the external device.

11. (Previously Presented) The eyewear of claim 10, wherein the wireless communication chip is a Bluetooth communication chip.

12. (Previously Presented) The eyewear of claim 10, wherein the processor transmits the verbal query to the external device via WiFi communication.

13. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control an external audio device based at least in part on an instruction from the wearer.

14. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control an external video device based at least in part on an instruction from the wearer.

15. (Previously Presented) The eyewear of claim 9, wherein the external device is configured to control light and/or temperature in an environment based at least in part on preferences of the wearer.

16. (Previously Presented) The eyewear of claim 9, wherein the external device is a smart phone.

17. (Previously Presented) A method comprising:

receiving, by a microphone mechanically coupled to an eyewear frame, a verbal query from a person wearing the eyewear frame;

transmitting, by a processor mechanically coupled to the eyewear frame and operably coupled to the microphone, the verbal query to an external device, the verbal query causing the external device to search a computer network for a response to the verbal query;

receiving, by the processor, the response to the verbal query from the external device; and

providing the response to the verbal query to the person wearing the eyewear frame via a speaker operably coupled to the processor.

18. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external audio device, the verbal instruction causing the external audio device to adjust a parameter of the external audio device.

19. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external video device, the verbal instruction causing the external video device to adjust a parameter of the external video device.

20. (Previously Presented) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to the external device, the verbal instruction causing the external device to adjust a light in an environment of the person wearing the eyewear frame.

21. (New) The eyewear of claim 1, wherein the electronic module is positioned within the eyewear frame.

22. (New) The eyewear of claim 1, wherein the eyewear frame comprises:

a lens housing holding the electronic lens; and

a first temple and a second temple, attached to the lens housing, to secure the eyewear to a head of the person wearing the eyewear.

23. (New) The eyewear of claim 22, wherein the electronic module is disposed within the first temple.

24. (New) The eyewear of claim 23, wherein the electronic module is a first electronic module and further comprising:

a second electronic module disposed within the second temple.

25. (New) The eyewear of claim 23, further comprising:

a power supply disposed within one of the first temple or the second temple.

26. (New) The eyewear of claim 25, further comprising:

a first conductive link coupling the power supply to the electronic module; and

a second conductive link coupling the electronic module to the electronic lens.

27. (New) The eyewear of claim 26, further comprising:

a first conductive link positioned within the eyewear frame and coupling the power supply to the electronic module; and

a second conductive link positioned within the eyewear frame and coupling the electronic module to the electronic lens.

28. (New) The eyewear of claim 1, wherein the eyewear frame comprises goggles.

29. (New) The eyewear of claim 1, further comprising:

a strap to secure the eyewear to a head of the person wearing the eyewear.

30. (New) The eyewear of claim 1, wherein the electronic module is configured to control a tint and/or a focus of the electronic lens in response to the oral command.

REMARKS

Entry and consideration of the foregoing amendments is respectfully requested. Claims 1, 4, and 7–9 are being amended, claims 2 and 3 are being canceled, and claims 21–30 are being added. Support for these amendments and new claims appears at least in paragraphs [0068], [0111], [0117], [0118], [0124], and [0139] of the specification as filed, in the abstract as filed, and in FIGS. 3–13 as filed.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 60-1876.

Dated: July 20, 2023

Respectfully submitted,

Smith Baluch LLP
376 Boylston St, Suite 401
Boston MA 02116

Phone: (617) 947-7280

By /Christopher Max Colice/
Christopher Max Colice
Registration No. 65634

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**07/20/2023 05:12:22 PM ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Christopher Colice
PATENT CENTER #	62472252	AUTHORIZED BY	Christopher Colice
CUSTOMER #	149890	FILING DATE	09/26/2022
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Ronald D. Blum

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 1006	**E20237J H14035384**	**Marie Spakowski**

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
1202	EACH CLAIM IN EXCESS OF 20	100.00	8	800.00
			TOTAL AMOUNT:	**$800.00**

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 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 17/935,468	Filing Date 09/26/2022	☐ 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), (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 $100 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $480 =	
☐ 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	07/20/2023	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0		x $100 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0		x $480 =	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".	/BURNELL L ROSS/
*** 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.

Attorney Docket No. EVSO-012US09 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor:	Ronald D. Blum	Confirmation No.:	7596
Application No.:	17/935,468	Group Art Unit:	Not Yet Assigned
Filed:	2022-09-26	Examiner:	Not Yet Assigned

For: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

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

PRELIMINARY AMENDMENT

Prior to examination of the above-identified application, please amend the above-captioned application as follows:

Amendments to the Claims are reflected on the listing of the claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

IN THE CLAIMS:

Set forth below in ascending order, with status identifiers, is a complete listing of all claims currently under examination. Changes to any amended claims are indicated by [[double brackets]], ~~strikethrough~~ and/or underlining. This listing also reflects any cancellation and/or addition of claims.

1. (Currently Amended) Eyewear comprising:

~~an eyewear~~ a spectacle frame having a first temple and a second temple;

~~a speaker~~ an electronic lens coupled to the ~~eyewear~~ spectacle frame;

a microphone coupled to the spectacle frame and configured to receive an oral command from a person wearing the eyewear; and

an ~~application~~ electronic module ~~mechanically~~ coupled to the ~~eyewear~~ spectacle frame and configured to control a tint and/or a focus of the electronic lens in response to the oral command ~~operably coupled to the speaker, the application module comprising:~~

~~a microphone to receive a verbal query from a wearer of the eyewear; and~~

~~a Bluetooth chip, operably coupled to the microphone and the speaker, to connect to a Bluetooth-enabled external device, to transmit the verbal query to the Bluetooth-enabled external device, to receive a response to the verbal query from the Bluetooth-enabled external device, and to provide the response to the wearer via the speaker,~~

~~wherein the verbal query causes the Bluetooth-enabled external device to obtain the response to the verbal query via the Internet~~.

2. (New) The eyewear of claim 1, wherein the electronic lens has a built-in display function controlled by electronic module.

3. (New) The eyewear of claim 2, wherein the built-in display function provides virtual reality, augmented reality, or gaming to the person wearing the eyewear.

4. (New) The eyewear of claim 1, wherein the spectacle frame further includes application connection points configured to attach to a universal cable connector.

5. (New) The eyewear of claim 4, wherein the application connection points comprise power connections, audio connections, audio ground, and/or video connections.

6. (New) The eyewear of claim 5, wherein the electronic module is configured to control a lens function of the eyewear based on data received via the video connections.

7. (New) The eyewear of claim 1, further comprising:

a camera coupled to the spectacle frame.

8. (New) The eyewear of claim 1, wherein the electronic lens is a first electronic lens, and further comprising:

a second electronic lens coupled to the spectacle frame,

wherein the electronic module includes at least one control unit housed in the spectacle frame and operably coupled to and configured to control the first electronic lens and the second electronic lens.

9. (New) Eyewear comprising:

an eyewear frame having a first temple and a second temple;

a speaker coupled to the eyewear frame;

a microphone coupled to the eyewear frame to receive a verbal query from a wearer of the eyewear; and

a processor, operably coupled to the microphone and the speaker to transmit the verbal query to an external device, receive a response to the verbal query from the external device, and provide the response to the wearer via the speaker,

wherein the verbal query causes the external device to obtain the response to the verbal query by searching a computer network for the response to the verbal query.

10. (New) The eyewear of claim 9, wherein the eyewear further comprises:

a wireless communication chip to communicate wirelessly with the external device.

11. (New) The eyewear of claim 10, wherein the wireless communication chip is a Bluetooth communication chip.

12. (New) The eyewear of claim 10, wherein the processor transmits the verbal query to the external device via WiFi communication.

13. (New) The eyewear of claim 9, wherein the external device is configured to control an external audio device based at least in part on an instruction from the wearer.

14. (New) The eyewear of claim 9, wherein the external device is configured to control an external video device based at least in part on an instruction from the wearer.

15. (New) The eyewear of claim 9, wherein the external device is configured to control light and/or temperature in an environment based at least in part on preferences of the wearer.

16. (New) The eyewear of claim 9, wherein the external device is a smart phone.

17. (New) A method comprising:

receiving, by a microphone mechanically coupled to an eyewear frame, a verbal query from a person wearing the eyewear frame;

transmitting, by a processor mechanically coupled to the eyewear frame and operably coupled to the microphone, the verbal query to an external device, the verbal query causing the external device to search a computer network for a response to the verbal query;

receiving, by the processor, the response to the verbal query from the external device; and

providing the response to the verbal query to the person wearing the eyewear frame via a speaker operably coupled to the processor.

18. (New) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external audio device, the verbal instruction causing the external audio device to adjust a parameter of the external audio device.

19. (New) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external video device, the verbal instruction causing the external video device to adjust a parameter of the external video device.

20. (New) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to the external device, the verbal instruction causing the external device to adjust a light in an environment of the person wearing the eyewear frame.

REMARKS

Entry and consideration of the foregoing amendments is respectfully requested. Claim 1 is being amended and claims 2–20 are being added. Support for these amendments and new claims appears at least in paragraphs [0007], [0010], [0012], [0013], [0024]–[0027], [0094], [0105], and [0128] of the specification as filed.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 60-1876.

Dated: March 28, 2023

Respectfully submitted,

Smith Baluch LLP
376 Boylston St, Suite 401
Boston MA 02116

Phone: (617) 947-7280

By /Christopher Max Colice/
Christopher Max Colice
Registration No. 65634

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor:	Ronald D. Blum	Confirmation No.:	7596
Application No.:	17/935,468	Group Art Unit:	Not Yet Assigned
Filed:	2022-09-26	Examiner:	Not Yet Assigned

For: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

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

PRELIMINARY AMENDMENT

Prior to examination of the above-identified application, please amend the above-captioned application as follows:

Amendments to the Claims are reflected on the listing of the claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

IN THE CLAIMS:

Set forth below in ascending order, with status identifiers, is a complete listing of all claims currently under examination. Changes to any amended claims are indicated by [[double brackets]], ~~strikethrough~~ and/or underlining. This listing also reflects any cancellation and/or addition of claims.

1. (Currently Amended) Eyewear comprising:

~~an eyewear~~ a spectacle frame having a first temple and a second temple;

~~a speaker~~ an electronic lens coupled to the ~~eyewear~~ spectacle frame;

a microphone coupled to the spectacle frame and configured to receive an oral command from a person wearing the eyewear; and

an ~~application~~ electronic module ~~mechanically~~ coupled to the ~~eyewear~~ spectacle frame and configured to control a tint and/or a focus of the electronic lens in response to the oral command ~~operably coupled to the speaker, the application module comprising:~~

~~a microphone to receive a verbal query from a wearer of the eyewear; and~~

~~a Bluetooth chip, operably coupled to the microphone and the speaker, to connect to a Bluetooth-enabled external device, to transmit the verbal query to the Bluetooth-enabled external device, to receive a response to the verbal query from the Bluetooth-enabled external device, and to provide the response to the wearer via the speaker,~~

~~wherein the verbal query causes the Bluetooth-enabled external device to obtain the response to the verbal query via the Internet~~.

2. (New) The eyewear of claim **Error! Reference source not found.**, wherein the electronic lens has a built-in display function controlled by electronic module.

3. (New) The eyewear of claim 2, wherein the built-in display function provides virtual reality, augmented reality, or gaming to the person wearing the eyewear.

4. (New) The eyewear of claim **Error! Reference source not found.**, wherein the spectacle frame further includes application connection points configured to attach to a universal cable connector.

5. (New) The eyewear of claim 4, wherein the application connection points comprise power connections, audio connections, audio ground, and/or video connections.

6. (New) The eyewear of claim 5, wherein the electronic module is configured to control a lens function of the eyewear based on data received via the video connections.

7. (New) The eyewear of claim **Error! Reference source not found.**, further comprising:

a camera coupled to the spectacle frame.

8. (New) The eyewear of claim **Error! Reference source not found.**, wherein the electronic lens is a first electronic lens, and further comprising:

a second electronic lens coupled to the spectacle frame,

wherein the electronic module includes at least one control unit housed in the spectacle frame and operably coupled to and configured to control the first electronic lens and the second electronic lens.

9. (New) Eyewear comprising:

an eyewear frame having a first temple and a second temple;

a speaker coupled to the eyewear frame;

a microphone coupled to the eyewear frame to receive a verbal query from a wearer of the eyewear; and

a processor, operably coupled to the microphone and the speaker to transmit the verbal query to an external device, receive a response to the verbal query from the external device, and provide the response to the wearer via the speaker,

wherein the verbal query causes the external device to obtain the response to the verbal query by searching a computer network for the response to the verbal query.

10. (New) The eyewear of claim 9, wherein the eyewear further comprises:

a wireless communication chip to communicate wirelessly with the external device.

11. (New) The eyewear of claim 10, wherein the wireless communication chip is a Bluetooth communication chip.

12. (New) The eyewear of claim 10, wherein the processor transmits the verbal query to the external device via WiFi communication.

13. (New) The eyewear of claim 9, wherein the external device is configured to control an external audio device based at least in part on an instruction from the wearer.

14. (New) The eyewear of claim 9, wherein the external device is configured to control an external video device based at least in part on an instruction from the wearer.

15. (New) The eyewear of claim 9, wherein the external device is configured to control light and/or temperature in an environment based at least in part on preferences of the wearer.

16. (New) The eyewear of claim 9, wherein the external device is a smart phone.

17. (New) A method comprising:

receiving, by a microphone mechanically coupled to an eyewear frame, a verbal query from a person wearing the eyewear frame;

transmitting, by a processor mechanically coupled to the eyewear frame and operably coupled to the microphone, the verbal query to an external device, the verbal query causing the external device to search a computer network for a response to the verbal query;

receiving, by the processor, the response to the verbal query from the external device; and

providing the response to the verbal query to the person wearing the eyewear frame via a speaker operably coupled to the processor.

18. (New) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external audio device, the verbal instruction causing the external audio device to adjust a parameter of the external audio device.

19. (New) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to an external video device, the verbal instruction causing the external video device to adjust a parameter of the external video device.

20. (New) The method of claim 17, further comprising:

receiving, by the microphone, a verbal instruction from the person wearing the eyewear frame; and

transmitting, by the processor, the verbal instruction to the external device, the verbal instruction causing the external device to adjust a light in an environment of the person wearing the eyewear frame.

REMARKS

Entry and consideration of the foregoing amendments is respectfully requested. Claim 1 is being amended and claims 2–20 are being added. Support for these amendments and new claims appears at least in paragraphs [0007], [0010], [0012], [0013], [0024]–[0027], [0094], [0105], and [0128] of the specification as filed.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 60-1876.

Dated: March 28, 2023

Respectfully submitted,

Smith Baluch LLP
376 Boylston St, Suite 401
Boston MA 02116

Phone: (617) 947-7280

By /Christopher Max Colice/
Christopher Max Colice
Registration No. 65634

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**03/28/2023 01:18:34 PM ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Christopher Colice
PATENT CENTER #	61822612	FILING DATE	09/26/2022
CUSTOMER #	149890	FIRST NAMED INVENTOR	Ronald D. Blum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Christopher Colice

Documents

TOTAL DOCUMENTS: 4

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
EVSO-012US09_Preliminary_Amendment_20230328-APP.TEXT.docx		6	Application body structured text document	27 KB
Warning: Bookmarks were found and have been removed.				
EVSO-012US09_Preliminary_Amendment_20230328.pdf		6	-	202 KB
EVSO-012US09_Preliminary_Amendment_20230328-A.PE.pdf	(1-1)	1	Preliminary Amendment	125 KB

EVSO-012US09_Preliminary_Amendment_20230328-CLM.pdf	(2-5)	4	Claims	170 KB
EVSO-012US09_Preliminary_Amendment_20230328-REM.pdf	(6-6)	1	Applicant Arguments/Remarks Made in an Amendment	126 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
EVSO-012US09_Preliminary_Amendment_20230328-APP.TEXT.docx	AE9C9565D7FFD09B21080EBE85C5F3D532443C752125712447 9D562EA77A6BEB721B3A0A2128499EBC37445AC0514EA7285 45853A3293CDBB0CAB30538207DEC
EVSO-012US09_Preliminary_Amendment_20230328.pdf	A1A7AF832623142A7EFC675A537584C236DA8197B76881018B 2D4CE1433725319E51784D075827866D4FBB38299610666FDF 40869760AAD7B97B2D1716BF0347
EVSO-012US09_Preliminary_Amendment_20230328-A.PE.pdf	BC53465639942FD0DCBCA391BD2264289A6F9652C430A45AA FA086D0A7DCB2E28AB3272F330B13AD15F3940D41F17B4193 BCD676606B2DBD71675728A3F9F86C
EVSO-012US09_Preliminary_Amendment_20230328-CLM.pdf	C0A6FB9A04172035495E6C6488FB4412FB3E445ED43503EA0E 4DC6B98EF1CAE6E61A7809EEDFCCA1AEC3B7D26050384605 8E5092F2B1CABC4FDCC674E6793484
EVSO-012US09_Preliminary_Amendment_20230328-REM.pdf	803FF85AA7A0BFF69CBE87211F9877BFC5B1E6994011D7E93 D57C40D94E5DCF1953BE7602D2BE0331D211C350C39DFDDC 1B2849E3537103213786EAD918083E8

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 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 17/935,468	Filing Date 09/26/2022	☐ 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), (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 $100 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $480 =	
☐ 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	03/28/2023	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0		x $100 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0		x $480 =	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".	/DONNA D SMALLS LOGAN/
*** 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 NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
17/935,468	09/26/2022	Ronald D. Blum	EVSO-012US09

CONFIRMATION NO. 7596

149890
SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

PUBLICATION NOTICE



Title:EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Publication No.US-2023-0086814-A1
Publication Date:03/23/2023

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently https://portal.uspto.gov/pair/PublicPair. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. 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	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

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	6976982	B2	2005-12-20	Santini et al.	
	2	6986579	B2	2006-01-17	Blum et al.	
	3	7008054	B1	2006-03-07	Kurtin et al.	
	4	7009757	B2	2006-03-07	Nishioka et al.	
	5	7018040	B2	2006-03-28	Blum et al.	
	6	7019890	B2	2006-03-28	Meredith et al.	
	7	7023594	B2	2006-04-04	Blum et al.	
	8	7034619	B2	2006-04-25	Lynch	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	9	7041133	B1	2006-05-09	Azar	
	10	7077519	B2	2006-07-18	Blum et al.	
	11	7085065	B2	2006-08-01	Silver	
	12	7130664	B1	2006-10-31	Williams	Entire Document
	13	7133172	B2	2006-11-07	Nishioka	
	14	7137702	B2	2006-11-21	Piers et al.	
	15	7159981	B2	2007-01-09	Kato	
	16	7159983	B2	2007-01-09	Menezes et al.	
	17	7188948	B2	2007-03-13	Blum et al.	
	18	7192136	B2	2007-03-20	Howell et al.	Entire Document
	19	7195353	B2	2007-03-27	Blum et al.	Entire Document

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	20	7209097	B2	2007-04-24	Suyama et al.	
	21	7229173	B2	2007-06-12	Menezes	
	22	7255437	B2	2007-08-14	Howell et al.	
	23	7290876	B2	2007-11-06	Duston et al.	
	24	7380936	B2	2008-06-03	Howell et al.	
	25	7396126	B2	2008-07-08	Blum et al.	
	26	7401918	B2	2008-07-22	Howell et al.	
	27	7404636	B2	2008-07-29	Blum et al.	
	28	7438410	B1	2008-10-21	Howell et al.	
	29	7461936	B2	2008-12-09	Jannard	
	30	7475984	B2	2009-01-13	Blum et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	31	7481531	B2	2009-01-27	Howell et al.	
	32	7500746	B1	2009-03-10	Howell et al.	
	33	7500747	B2	2009-03-10	Howell et al.	
	34	7543934	B2	2009-06-09	Howell et al.	
	35	7581833	B2	2009-09-01	Howell et al.	
	36	7607775	B2	2009-10-27	Hermanson et al.	
	37	7621634	B2	2009-11-24	Howell et al.	Entire Document
	38	7631968	B1	2009-12-15	Dobson et al.	Entire Document
	39	7677723	B2	2010-03-16	Howell et al.	
	40	7760898	B2	2010-07-20	Howell et al.	
	41	7771046	B2	2010-08-10	Howell et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	42	7792552	B2	2010-09-07	D et al.	
	43	7806525	B2	2010-10-05	Howell et al.	
	44	7831055	B2	2010-11-09	Frerking et al.	
	45	7922321	B2	2011-04-12	Howell et al.	
	46	7988283	B2	2011-08-02	Jannard	
	47	8025396	B1	2011-09-27	Power	
	48	8089511	B2	2012-01-03	Yamamoto	
	49	8109629	B2	2012-02-07	Howell et al.	
	50	8174569	B2	2012-05-08	Tanijiri et al.	
	51	8337013	B2	2012-12-25	Howell et al.	
	52	8430507	B2	2013-04-30	Howell et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	53	8434863	B2	2013-05-07	Howell et al.	
	54	8465151	B2	2013-06-18	Howell et al.	
	55	8500271	B2	2013-08-06	Howell et al.	
	56	8770742	B2	2014-07-08	Howell et al.	
	57	8915588	B2	2014-12-23	Blum et al.	Entire Document
	58	8931896	B2	2015-01-13	Blum et al.	Entire Document
	59	9122083	B2	2015-09-01	Blum et al.	Entire Document
	60	9124796	B2	2015-09-01	Blum et al.	Entire Document
	61	D298250	S	1988-10-25	KILDALL	
	62	D342063	S	1993-12-07	HOWITT et al.	
	63	D350342	S	1994-09-06	SACK	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	64	RE35691	E	1997-12-16	THEIRL et al.	

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					

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	3505466	WO	A1	1985-12-05	Kern		
	2	9423334	WO	A1	1994-10-13	Large		
	3	9923524	WO	A1	1999-05-14	Spitzer		

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]
	1	Search Report and Written Opinion in PCT/US05/39101, dated Jul. 7, 2006, 5 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	2	Supplemental Notice of Allowance in U.S. Appl. No. 13/779,407, dated Nov. 12, 2014, 2 pages.	
	3	Supplementary European Search Report of Application No. EP 05824718 dated Nov. 19, 2007.	
	4	Tarascon et al., "Issues and challenges facing rechargeable lithium batteries" Nature 2001, 414:359-367 (Nov. 15, 2001).	
	5	THIBOS et al. "Use of Liquid-Crystal Adaptive-Optice to Alter the Refractive State of the Eye; Optometry and Vision Science" 74:7; American Academy of Optometry, 1997, 7 pages	
	6	THIBOS et al. "Vision through a liquid-crystal spatial light modulator" Adaptive Optics Conference; Durham, UK, 1999, 6 pages	
	7	THIBOS, et al. "Electronic Spectacles for the 21 Century" Indian Journal of Optometry, 2:1, 1999, 5 pages.	
	8	U.S. Appl. No. 60/623,946, filed Nov. 2, 2004.	
	9	U.S. Appl. No. 60/623,947, filed Nov. 2, 2004.	
	10	U.S. Appl. No. 60/636,490, filed Dec. 17, 2004.	
	11	U.S. Appl. No. 60/661,925, filed Mar. 16, 2005.	
	12	U.S. Appl. No. 60/666,167, filed Mar. 30, 2005.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	13	U.S. Appl. No. 60/667,094, filed Apr. 1, 2005.	
	14	U.S. Appl. No. 60/669,403, filed Apr. 8, 2005.	
	15	U.S. Appl. No. 60/673,758, filed Apr. 22, 2005.	
	16	U.S. Appl. No. 60/674,702, filed Apr. 26, 2005.	
	17	U.S. Appl. No. 60/679,241, filed May 10, 2005.	
	18	U.S. Appl. No. 60/685,407, filed May 31, 2005.	
	19	U.S. Appl. No. 60/687,341, filed Jun. 6, 2005.	
	20	U.S. Appl. No. 60/687,342, filed Jun. 6, 2005.	
	21	U.S. Appl. No. 60/692,270, filed Jul. 21, 2005.	
	22	Walter, P. et al., "Development of a completely encapsulated intraocular pressure sensor", Ophthalmic Research (2000); 32: 278-284.	
	23	Written Opinion in PCT/US2013/020571, dated Jul. 5, 2013, 6 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

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	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

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	/Christopher Max Colice/	Date (YYYY-MM-DD)	2023-01-11
Name/Print	Christopher Max Colice	Registration Number	65634

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.

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**01/11/2023 03:14:24 PM ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Linda Doyle
PATENT CENTER #	61421137	FILING DATE	09/26/2022
CUSTOMER #	149890	FIRST NAMED INVENTOR	Ronald D. Blum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Christopher Colice

Documents

TOTAL DOCUMENTS: 5

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
EVSO-012US09_SB08_01-10-2023_1_OF_2.pdf	40	Information Disclosure Statement (IDS) Form (SB08)	1262 KB
EVSO-012US09_SB08_01-10-2023_2_OF_2.pdf	12	Information Disclosure Statement (IDS) Form (SB08)	1255 KB
EVSO-012US09_IDSTransmittal_20230110.pdf	3	Transmittal Letter	150 KB
KR102347056B1_w_machine_translation.pdf	58	Foreign Reference	3819 KB
EVSO-	11	Non Patent Literature	608 KB

012KR07_NOA_w_translation_dated_10-27-2022.pdf

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
EVSO-012US09_SB08_01-10-2023_1_OF_2.pdf	3F2D2BD7318797FA4591DFF9276B4F234707B04A8A837C329FE4B35B8A0AED33657317340C2E7F037DD3613D0A28764CC28F2FA181B57A3FEF7519F9FDC8D964
EVSO-012US09_SB08_01-10-2023_2_OF_2.pdf	5D939CA93D65CBE1E3FFE0EF32A6AA5B89D6650476E0FF9F23EE6137FD3CAD56A159A3B17826DF4A71DB780101863E89A78C6DEC78F9A2109E4E8EFAE4B055FF
EVSO-012US09_IDSTransmittal_20230110.pdf	F6060C33BDB3D86DD0E8B12EABC9AD2FD6FCAB5E25FC4498540D8959ABD2498AB515C4A71095939EDAE0067AC4E31AEFEE2EDD24CEC509E6AAEECAE190657356
KR102347056B1_w_machine_translation.pdf	AD73B1B56344338F1756A83CB92E6E5E412371B85AC7D814052322C210B2E336E413E16520F75178562078BAEA48D1F07DE513E646D07F19A936363D08C62E45
EVSO-012KR07_NOA_w_translation_dated_10-27-2022.pdf	681943CF77657BBD3BC461DF92E9D3E5E6F188E9B36D2E59B39BED1E01AA2C8015E7A1B1BFF3FA63D1483633070E756DEBFDAF37B966C783C8FA6BE2442D622C

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 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/08a (01-22)
Approved for use through 05/31/2024. 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	17935468
Filing Date	2022-09-26
First Named Inventor	Ronald D. Blum
Art Unit	
Examiner Name	
Attorney Docket Number	EVSO-012US09

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	10114235	B2	2018-10-30	Blum et al.	Entire Document
	2	10598960	B2	2020-03-24	Blum et al.	Entire Document
	3	2170287	A	1939-08-22	Kinnebrew	
	4	2437642	A	1948-03-09	Henroteau Francois	
	5	2576581	A	1951-11-27	Edwards	
	6	3161718	A	1964-12-15	De Luca	
	7	3183523	A	1965-05-18	Harrison Robert	
	8	3245315	A	1966-04-12	Marks et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	9	3248460	A	1966-04-26	Naujokas	
	10	3309162	A	1967-03-14	Kosanke et al.	
	11	3614215	A	1971-10-19	Leo	
	12	3738734	A	1973-06-12	Tait et al.	
	13	3791719	A	1974-02-12	Kratzer et al.	
	14	4050814	A	1977-09-27	Mcfadden	
	15	4062629	A	1977-12-13	Winthrop	
	16	4174156	A	1979-11-13	Glorieux	
	17	4181408	A	1980-01-01	Senders	
	18	4190330	A	1980-02-26	Berreman	
	19	4190621	A	1980-02-26	Greshes	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	20	4257691	A	1981-03-24	Brooks	
	21	4264154	A	1981-04-28	Petersen	
	22	4279474	A	1981-07-21	Belgorod	
	23	4300818	A	1981-11-17	Schachar	
	24	4320939	A	1982-03-23	Mueller	
	25	4373218	A	1983-02-15	Schachar	
	26	4395736	A	1983-07-26	Fraleux	
	27	4418990	A	1983-12-06	Gerber	
	28	4423929	A	1984-01-03	Gomi	
	29	4457585	A	1984-07-03	Ducorday	
	30	4461550	A	1984-07-24	Legendre	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	31	4461629	A	1984-07-24	Arisaki	
	32	4466703	A	1984-08-21	Nishimoto	
	33	4466706	A	1984-08-21	Lamothe li	
	34	4529268	A	1985-07-16	Brown	
	35	4564267	A	1986-01-14	Nishimoto	
	36	4572616	A	1986-02-25	Kowel et al.	
	37	4577928	A	1986-03-25	Brown	
	38	4601545	A	1986-07-22	Kern	Entire Document
	39	4609824	A	1986-09-02	Munier et al.	
	40	4712870	A	1987-12-15	Robinson et al.	
	41	4753514	A	1988-06-28	Kubik	Entire Document

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	42	4756605	A	1988-07-12	Okada et al.	
	43	4772094	A	1988-09-20	Sheiman	
	44	4781440	A	1988-11-01	Toda	
	45	4787733	A	1988-11-29	Silva	
	46	4787903	A	1988-11-29	Grendahl	
	47	4795248	A	1989-01-03	Okada et al.	
	48	4813777	A	1989-03-21	Rainville et al.	
	49	4816031	A	1989-03-28	Pfoff	
	50	4818095	A	1989-04-04	Takeuchi	
	51	4836652	A	1989-06-06	Oishi et al.	
	52	4842400	A	1989-06-27	Klein	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	53	4869588	A	1989-09-26	Frieder et al.	
	54	4873029	A	1989-10-10	Blum	
	55	4880300	A	1989-11-14	Payner et al.	
	56	4890903	A	1990-01-02	Treisman et al.	
	57	4904063	A	1990-02-27	Okada et al.	Entire Document
	58	4907860	A	1990-03-13	Noble	
	59	4909626	A	1990-03-20	Purvis et al.	
	60	4919520	A	1990-04-24	Okada et al.	
	61	4921728	A	1990-05-01	Takiguchi et al.	
	62	4927241	A	1990-05-22	Kuijk	
	63	4929865	A	1990-05-29	Blum	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	64	4930884	A	1990-06-05	Tichenor et al.	
	65	4944584	A	1990-07-31	Maeda et al.	
	66	4945242	A	1990-07-31	Berger et al.	
	67	4952048	A	1990-08-28	Frieder et al.	
	68	4952788	A	1990-08-28	Berger et al.	
	69	4955712	A	1990-09-11	Barth et al.	
	70	4958907	A	1990-09-25	Davis	
	71	4961639	A	1990-10-09	Lazarus	
	72	4968127	A	1990-11-06	Russell et al.	
	73	4981342	A	1991-01-01	Fiala	
	74	4991951	A	1991-02-12	Mizuno et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	75	5900720	A	1999-05-04	Kallman et al.	Entire Document
	76	5015086	A	1991-05-14	Okaue et al.	Entire Document
	77	5030882	A	1991-07-09	Solero	
	78	5050981	A	1991-09-24	Roffman	
	79	5066301	A	1991-11-19	Wiley	Entire Document
	80	5067795	A	1991-11-26	Senatore	
	81	5073021	A	1991-12-17	Marron	
	82	5076665	A	1991-12-31	Petersen	
	83	5089023	A	1992-02-18	Swanson	Entire Document
	84	5091801	A	1992-02-25	Ebstein	
	85	5108169	A	1992-04-28	Mandell	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	86	5114628	A	1992-05-19	Hoefer et al.	
	87	5130856	A	1992-07-14	Tichenor et al.	
	88	5142411	A	1992-08-25	Fiala	
	89	5147585	A	1992-09-15	Blum	
	90	5150234	A	1992-09-22	Takahashi et al.	
	91	5171266	A	1992-12-15	Wiley et al.	
	92	5173723	A	1992-12-22	Volk	
	93	5178800	A	1993-01-12	Blum	
	94	5182585	A	1993-01-26	Stoner	
	95	5184156	A	1993-02-02	Black et al.	
	96	5200859	A	1993-04-06	Payner et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	97	5208688	A	1993-05-04	Fergason et al.	
	98	5219497	A	1993-06-15	Blum	
	99	5229797	A	1993-07-20	Futhey et al.	Entire Document
	100	5229885	A	1993-07-20	Quaglia	
	101	5231430	A	1993-07-27	Kohayakawa	
	102	5239412	A	1993-08-24	Naka et al.	
	103	5305028	A	1994-04-19	Okano	
	104	5306926	A	1994-04-26	Yonemoto	
	105	5324930	A	1994-06-28	Jech	
	106	5352886	A	1994-10-04	Kane	
	107	5359444	A	1994-10-25	Piosenka et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	108	5375006	A	1994-12-20	Haas	
	109	5382986	A	1995-01-17	Black et al.	
	110	5386308	A	1995-01-31	Michel et al.	
	111	5411537	A	1995-05-02	Munshi et al.	
	112	5424927	A	1995-06-13	Schaller et al.	
	113	5440357	A	1995-08-08	Quaglia	
	114	5443506	A	1995-08-22	Garabet	
	115	5451766	A	1995-09-19	Van	
	116	5455638	A	1995-10-03	Kallman et al.	
	117	5488439	A	1996-01-30	Weltmann	
	118	5512371	A	1996-04-30	Gupta et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	119	5522323	A	1996-06-04	Richard	
	120	5552841	A	1996-09-03	Gallorini et al.	
	121	5585871	A	1996-12-17	Linden	Entire Document
	122	5606743	A	1997-02-25	Vogt et al.	Entire Document
	123	5608567	A	1997-03-04	Grupp	Entire Document
	124	5608808	A	1997-03-04	Da	
	125	5615588	A	1997-04-01	Gottschald	
	126	5653751	A	1997-08-05	Samiy et al.	
	127	5654786	A	1997-08-05	Gerald	
	128	5668620	A	1997-09-16	Kurtin et al.	
	129	5682223	A	1997-10-28	Menezes et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	130	5683457	A	1997-11-04	Gupta et al.	
	131	5702819	A	1997-12-30	Gupta et al.	
	132	5712721	A	1998-01-27	Large	Entire Document
	133	5715337	A	1998-02-03	Spitzer et al.	
	134	5728155	A	1998-03-17	Anello et al.	
	135	5739959	A	1998-04-14	Quaglia	
	136	5757458	A	1998-05-26	Miller et al.	
	137	5777719	A	1998-07-07	Williams et al.	
	138	5815233	A	1998-09-29	Morokawa et al.	
	139	5815239	A	1998-09-29	Chapman et al.	
	140	5859685	A	1999-01-12	Gupta et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	141	5861934	A	1999-01-19	Blum et al.	
	142	5861936	A	1999-01-19	Sorensen	
	143	5877876	A	1999-03-02	Birdwell	
	144	5905561	A	1999-05-18	Lee et al.	
	145	5949521	A	1999-09-07	Williams et al.	
	146	5953098	A	1999-09-14	Lieberman et al.	
	147	5956183	A	1999-09-21	Epstein et al.	
	148	5963300	A	1999-10-05	Horwitz	
	149	5971540	A	1999-10-26	Ofner	
	150	5980037	A	1999-11-09	Conway	
	151	5988816	A	1999-11-23	Quadri	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	152	5999328	A	1999-12-07	Kurtin et al.	
	153	6213602	B1	2001-04-10	Smarto	Entire Document
	154	6040947	A	2000-03-21	Kurtin et al.	
	155	6050687	A	2000-04-18	Bille et al.	
	156	6069742	A	2000-05-30	Silver	
	157	6086203	A	2000-07-11	Blum et al.	
	158	6086204	A	2000-07-11	Magnante	
	159	6091546	A	2000-07-18	Spitzer	
	160	6091832	A	2000-07-18	Shurman et al.	
	161	6095651	A	2000-08-01	Williams et al.	
	162	6099117	A	2000-08-08	Gregory	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	163	6115177	A	2000-09-05	Vossler	
	164	6139148	A	2000-10-31	Menezes	
	165	6145987	A	2000-11-14	Baude et al.	
	166	6157291	A	2000-12-05	Kuenster et al.	
	167	6165123	A	2000-12-26	Thompson	
	168	6184847	B1	2001-02-06	Fateh et al.	Entire Document
	169	6188525	B1	2001-02-13	Silver	
	170	6191881	B1	2001-02-20	Tajima	
	171	6199984	B1	2001-03-13	Menezes	
	172	6199986	B1	2001-03-13	Williams et al.	
	173	6204974	B1	2001-03-20	Spitzer	Entire Document

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	174	6270220	B1	2001-08-07	Keren	
	175	6271915	B1	2001-08-07	Frey et al.	
	176	6282449	B1	2001-08-28	Kamerling et al.	
	177	6299311	B1	2001-10-09	Williams et al.	
	178	6305802	B1	2001-10-23	Roffman et al.	
	179	6325508	B1	2001-12-04	Decreton et al.	
	180	6338559	B1	2002-01-15	Williams et al.	
	181	6350031	B1	2002-02-26	Lashkari et al.	
	182	6390623	B1	2002-05-21	Kokonaski et al.	
	183	6396622	B1	2002-05-28	Alden	
	184	6437762	B1	2002-08-20	Birdwell	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	185	6437925	B1	2002-08-20	Nishioka	
	186	6464363	B1	2002-10-15	Nishioka et al.	
	187	6491391	B1	2002-12-10	Blum et al.	
	188	6491394	B1	2002-12-10	Blum et al.	
	189	6501443	B1	2002-12-31	Mcmahon	
	190	6517203	B1	2003-02-11	Blum et al.	
	191	6554425	B1	2003-04-29	Roffman et al.	
	192	6609794	B2	2003-08-26	Levine	
	193	6614408	B1	2003-09-02	Mann W	
	194	6616275	B1	2003-09-09	Dick et al.	
	195	6616279	B1	2003-09-09	Davis et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	196	6618208	B1	2003-09-09	Silver	
	197	6619799	B1	2003-09-16	Blum et al.	Entire Document
	198	6626532	B1	2003-09-30	Nishioka et al.	
	199	6631001	B2	2003-10-07	Kuiseko	
	200	6638304	B2	2003-10-28	Azar	
	201	6643552	B2	2003-11-04	Edell et al.	
	202	6652096	B1	2003-11-25	Morris et al.	
	203	6667471	B2	2003-12-23	Bos et al.	
	204	6682195	B2	2004-01-27	Dreher	
	205	6705729	B2	2004-03-16	Piers et al.	
	206	6709105	B2	2004-03-23	Menezes	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	207	6709107	B2	2004-03-23	Jiang et al.	
	208	6709108	B2	2004-03-23	Levine et al.	
	209	6714133	B2	2004-03-30	Hum et al.	
	210	6733130	B2	2004-05-11	Blum et al.	
	211	6738199	B2	2004-05-18	Nishioka	
	212	6768536	B2	2004-07-27	Okuwaki et al.	
	213	6769767	B2	2004-08-03	Swab et al.	Entire Document
	214	6774871	B2	2004-08-10	Birdwell	
	215	6778246	B2	2004-08-17	Sun et al.	
	216	6793340	B1	2004-09-21	Morris et al.	
	217	6830193	B2	2004-12-14	Tanaka	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	218	6833938	B2	2004-12-21	Nishioka	
	219	6840619	B2	2005-01-11	Dreher	
	220	6851805	B2	2005-02-08	Blum et al.	
	221	6857741	B2	2005-02-22	Blum et al.	
	222	6859333	B1	2005-02-22	Ren et al.	
	223	6871951	B2	2005-03-29	Blum et al.	
	224	6883916	B2	2005-04-26	Menezes	
	225	6886938	B1	2005-05-03	Menezes	
	226	6893124	B1	2005-05-17	Kurtin	
	227	6894751	B2	2005-05-17	Payne et al.	
	228	6902271	B2	2005-06-07	Perrott et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	229	6918570	B2	2005-07-19	Ahn	
	230	6918670	B2	2005-07-19	Blum et al.	
	231	6948818	B2	2005-09-27	Williams et al.	
	232	6951391	B2	2005-10-04	Michael et al.	
	233	6955433	B1	2005-10-18	Benjamin et al.	
	234	6956682	B2	2005-10-18	Benjamin	

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	20010055094	A1	2001-12-27	Zhang	
	2	20020049374	A1	2002-04-25	Abreu	
	3	20020060525	A1	2002-05-23	Sagano et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	4	20020140899	A1	2002-10-03	Blum et al.	
	5	20020149739	A1	2002-10-17	Perrott et al.	
	6	20020186346	A1	2002-12-12	Stantz et al.	
	7	20030018383	A1	2003-01-23	Azar	
	8	20030210377	A1	2003-11-13	Blum et al.	Entire Document
	9	20030103413	A1	2003-06-05	Jacobi et al.	
	10	20030112523	A1	2003-06-19	Daniell	
	11	20030151721	A1	2003-08-14	Lai et al.	
	12	20030199978	A1	2003-10-23	Lindsey et al.	
	13	20030208265	A1	2003-11-06	Ho et al.	
	14	20040000733	A1	2004-01-01	Swab et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	15	20040008157	A1	2004-01-15	Brubaker et al.	
	16	20040008319	A1	2004-01-15	Lai et al.	
	17	20040117011	A1	2004-06-17	Aharoni et al.	
	18	20040181404	A1	2004-09-16	Shedd	Entire Document
	19	20040235416	A1	2004-11-25	Chan et al.	Entire Document
	20	20040108971	A1	2004-06-10	Waldern et al.	
	21	20040130677	A1	2004-07-08	Liang et al.	
	22	20040160573	A1	2004-08-19	Jannard et al.	
	23	20040179280	A1	2004-09-16	Nishioka	
	24	20040186533	A1	2004-09-23	Greenberg et al.	
	25	20040196435	A1	2004-10-07	Dick et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	26	20040239874	A1	2004-12-02	Swab et al.	
	27	20040246440	A1	2004-12-09	Andino et al.	
	28	20050049578	A1	2005-03-03	Tu et al.	
	29	20050073739	A1	2005-04-07	Meredith et al.	
	30	20050078274	A1	2005-04-14	Howell et al.	
	31	20050099594	A1	2005-05-12	Blum et al.	
	32	20050113912	A1	2005-05-26	Feenstra et al.	
	33	20050124983	A1	2005-06-09	Frey et al.	
	34	20050237485	A1	2005-10-27	Blum et al.	
	35	20060095128	A1	2006-05-04	Blum et al.	
	36	20060132382	A1	2006-06-22	Jannard	Entire Document

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	37	20060154642	A1	2006-07-13	Scannell	Entire Document
	38	20060164593	A1	2006-07-27	Peyghambarian et al.	Entire Document
	39	20060044510	A1	2006-03-02	Williams et al.	
	40	20060066808	A1	2006-03-30	Blum et al.	
	41	20060113054	A1	2006-06-01	Silvestrini	
	42	20060122531	A1	2006-06-08	Goodall et al.	
	43	20060173367	A1	2006-08-03	Stuart et al.	
	44	20060177086	A1	2006-08-10	Rye et al.	
	45	20060183986	A1	2006-08-17	Rice et al.	
	46	20070030442	A1	2007-02-08	Howell et al.	Entire Document
	47	20080001735	A1	2008-01-03	Tran	Entire Document

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	48	20080143954	A1	2008-06-19	Abreu et al.	
	49	20080218684	A1	2008-09-11	Howell et al.	
	50	20090251409	A1	2009-10-08	Parkinson et al.	Entire Document
	51	20090256977	A1	2009-10-15	Haddock et al.	Entire Document
	52	20090296044	A1	2009-12-03	Howell et al.	
	53	20100045928	A1	2010-02-25	Levy	Entire Document
	54	20100177277	A1	2010-07-15	Kokonaski et al.	Entire Document
	55	20100103076	A1	2010-04-29	Yamamoto	
	56	20100292599	A1	2010-11-18	Oleson et al.	
	57	20110065428	A1	2011-03-17	Schroeter	Entire Document
	58	20110071459	A1	2011-03-24	Rickard Matthew et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	59	20110249230	A1	2011-10-13	Blum	
	60	20130215374	A1	2013-08-22	Blum et al.	
	61	20130235332	A1	2013-09-12	Blum et al.	
	62	20130242253	A1	2013-09-19	Blum et al.	
	63	20130250135	A1	2013-09-26	Blum et al.	
	64	20140002753	A1	2014-01-02	Griffin	Entire Document
	65	20150335420	A1	2015-11-26	Blum et al.	
	66	20180329234	A1	2018-11-15	Blum et al.	Entire Document

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	201222131	CN	Y	2009-04-15	ZHENJIANG WANXIN OPTICAL GLASS		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	2	201464741	CN	U	2010-05-12	JINHE, He		
	3	2911723	CN	Y	2007-06-13	LI, Chen		
	4	89113088	CN	A	2001-10-21	BLUM et al.		
	5	ROC89113088	CN		2008-07-05	BLUM et al.		
	6	4223395	DE	A1	1994-01-13	GRIMM et al.		
	7	0154962	EP	A2	1985-09-18	Shimada et al.		
	8	0233104	EP	A1	1987-08-19	Arques et al.		
	9	0237365	EP	A1	1987-09-16	Arques		
	10	0578833	EP	A1	1994-01-19	Mukaiyama et al.		
	11	0649044	EP	A1	1995-04-19	Morokawa et al.		
	12	0918248	EP	A2	1999-05-26	Large	Entire Document	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	13	2169417	GB	A	1986-07-09	Okada et al.		
	14	2170613	GB	A	1986-08-06	Okada et al.		
	15	2000138858	JP	A	2007-09-07	Misawa et al.		
	16	2001522063	JP	A	2001-11-13	SPITZER	Entire Document	
	17	2002525769	JP	A	2002-08-13	TWERN et al.	Entire Document	
	18	2002533158	JP	A	2002-10-08	VISIONCARE LTD		
	19	2003230590	JP	A	2003-08-19	Ito et al.		
	20	2003244776	JP	A	2003-08-29	Ochiai et al.	Entire Document	
	21	2003312391	JP	A	2003-11-06	Bando et al.	Entire Document	
	22	2005502902	JP	A	2005-01-27	SWAB et al.	Entire Document	
	23	2007323062	JP	A	2007-12-13	Ono		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	24	2008545287	JP	A	2008-12-11	MARCUS	Entire Document	
	25	2011229024	JP	A	2011-11-10	Sugihara et al.	Entire Document	
	26	H01237610	JP	A	1989-09-22	Otsuka		
	27	H0423579	JP	A	1992-01-27	Sato et al.		
	28	H0461495	JP	A	1992-02-27	Komori		
	29	H05100201	JP	A	1993-04-23	Yokoyama et al.		
	30	H0728002	JP	A	1995-01-31	Iguchi et al.		
	31	H08508826	JP	A	1996-09-17	Large		
	32	H11352445	JP	A	1999-12-24	Nishioka et al.		
	33	S5576323	JP	A	1980-06-09	Tomita		
	34	S58113912	JP	A	1983-07-07	Hatsutori		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	35	S61156227	JP	A	1986-07-15	Okada et al.		
	36	S61502221	JP	A	1986-10-02	KERN SEYMOUR P		
	37	S6357044	JP	A	1988-03-11	Riyuu et al.		
	38	102347056	KR	B1	2022-01-03	BLUM et al.	Entire Document	
	39	0038593	WO	A1	2000-07-06	Dotan et al.		
	40	0106298	WO	A1	2001-01-25	Blum et al.		
	41	03007851	WO	A1	2003-01-30	Azar		
	42	03050472	WO	A1	2003-06-19	Horwitz		
	43	03068059	WO	A2	2003-08-21	Lai et al.		
	44	2004008189	WO	A1	2004-01-22	Lai et al.		
	45	2004015460	WO	A2	2004-02-19	Blum et al.	Entire Document	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	46	2004015481	WO	A1	2004-02-19	Dreher et al.		
	47	2004034095	WO	A2	2004-04-22	Lai		
	48	2004072687	WO	A2	2004-08-26	Blum et al.		
	49	2006120416	WO	A1	2006-11-16	Lewis et al.	Entire Document	
	50	2010080999	WO	A1	2010-07-15	Kokonaski et al.	Entire Document	

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.	T5
	1	ANDERSON "Adaptive Optics: Liquid Crystals Lower the Cost of Adaptive Optics" Laser Focus World (Dec. 1999).	
	2	BERTSCH et al., "The Sensing Contact Lens", Medical Device Technology (2006); 17: 19-21.	
	3	BRADLEY "Profile: Larry N. Thibos, PhD., and Donald T. Miller, PhD." Indian Journal of Optometry; 2:1 (Spring 1999).	
	4	Corrected Notice of Allowance in U.S. Appl. No. 13/735,887, dated Jul. 10, 2015, 2 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	5	Davis, Robert A. "Computer Vision Syndrome—The Eyestrain Epidemic" Review of Optometry (Sep. 15, 1997).
	6	Eggers, T. et al., "Wireless Intra-ocular Pressure Monitoring System Integrated in an Artificial Lens", Presented at the First Annual International IEEE-EMBS Special Topic Conference on Microtechnologies in Medicine & Biology, Lyon, France, Oct. 12-14, 2000; Paper 7: 466-469.
	7	Eyecare Business (Oct. 1997).
	8	Final Office Action dated Dec. 12, 2017 from U.S. Appl. No. 15/437,746, 13 pages.
	9	Final Office Action dated Dec. 12, 2017 from U.S. Appl. No. 15/438,104, 12 pages.
	10	Final Office Action dated Oct. 10, 2017 from U.S. Appl. No. 15/440,675, 17 pages.
	11	International Preliminary Report on Patentability in PCT/US05/39101, dated May 8, 2007, 4 pages.
	12	International Preliminary Report on Patentability in PCT/US2013/020571, dated Jul. 8, 2014, 7 pages.
	13	International Search Report corresponding to the PCT/US09/037544 application dated May 20, 2009.
	14	International Search Report for Application No. PCT/US 08/54721 dated Aug. 20, 2008.
	15	International Search Report in PCT/US2013/020571, dated Jul. 5, 2013, 4 pages.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	16	International Search Report of Application No. PCT/US05/39101 dated Jul. 7, 2006.	
	17	International Search Report of Application No. PCT/US08/51649 dated Jul. 7, 2008.	
	18	KOWEL et al "Focusing by electrical modulation of refraction in a liquid crystal cell" Applied Optics 23:2 (Jan. 151984).	
	19	LAZARUS "The Use of Yoked Base-Up and Base-In Prism for Reducing Eye Strain at the Computer" Journal of the American Optometric Association (Apr. 1996).	
	20	Leonardi et al., "A Soft Contact Lens with a MEMS Strain Gage Embedded for Intraocular Pressure Monitoring", Transducers '03; The 12th International Conference on Solid Slate Sensors, Actuators and Microsyslems, Boston, Jun. 8-12, 2003; 3B2.5: 1043-1046.	
	21	Leonardi, et al., "First Steps toward Noninvasive IOP—Monitoring with a Sensing Contact Lens", Investigative Ophthalmology & Visual Science (2004); 45(9): 3113-3117.	
	22	MILLER et al. "Requirements for the segmented spatial light modulators for diffraction-limited imaging through aberrated eyes," G.D. Love, ed. Proceedings of the 2nd International Workshop on Adaptive Optics for Industry and Medicine, World Scientific, Singapore, 63-68 (Jul. 1999).	
	23	Naumov, A.F. "Control Optimization of Spherical Modal Liquid Crystal Lenses", Optics Express 4:9; Optical Society of America (Apr. 26, 1999).	
	24	Naumov, A.F. "Liquid Crystal Adaptive Lenses with Modal Control" Optics Letters, 23:13 Optical Society of America (Jul. 1, 1998).	
	25	Non-Final Office Action dated Aug. 10, 2017 from U.S. Appl. No. 15/613,733, 19 pages.	
	26	Non-Final Office Action dated Dec. 1, 2017 from U.S. Appl. No. 14/816,249, 12 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	27	Non-Final Office Action dated Jun. 14, 2017 from U.S. Appl. No. 15/440,675, 18 pages.	
	28	Non-Final Office Action dated Jun. 30, 2017 from U.S. Appl. No. 15/437,746, 12 pages.	
	29	Non-Final Office Action dated Jun. 30, 2017 from U.S. Appl. No. 15/438,104, 10 pages.	
	30	Notice of Allowance dated May 24, 2017 from U.S. Appl. No. 14/816,249, 8 pages.	
	31	Notice of Allowance in U.S. Appl. No. 13/735,887, dated Apr. 28, 2015, 8 pages.	
	32	Notice of Allowance in U.S. Appl. No. 13/779,232, dated Sep. 18, 2014, 10 pages.	
	33	Notice of Allowance in U.S. Appl. No. 13/779,320, dated Apr. 28, 2015, 8 pages.	
	34	Notice of Allowance in U.S. Appl. No. 13/779,407, dated Jun. 26, 2014, 8 pages.	
	35	Notice of Allowance in U.S. Appl. No. 13/779,407, dated Sep. 15, 2014, 5 pages.	
	36	Notice of Allowance with translation in Korean Application No. 10-2021-7042950 (Atty. Docket No. EVSO-012KR07) dated October 27, 2022, 11 pages	
	37	Office Action (Ex Parte Quayle Action) issued in corresponding U.S. Appl. No. 13/779,320 dated Mar. 17, 2014, 7 pages.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	38	Office Action (Ex-Parte Quayle Action) in U.S. Appl. No. 13/779,232, dated May 16, 2014, 5 pages.	
	39	Office Action and Search Report in CN Application No. 201310009498.3, dated Apr. 29, 2015 (and English translation), 36 pages.	
	40	Office Action in CN Application No. 201380009013.9, dated May 26, 2015 (and English translation), 36 pages.	
	41	Office Action in corresponding U.S. Appl. No. 13/779,232, dated Dec. 24, 2013, 9 pages.	
	42	Office Action in corresponding U.S. Appl. No. 13/779,407 dated Mar. 17, 2014, 6 pages.	
	43	Office Action in corresponding U.S. Appl. No. 13/779,407, dated Sep. 17, 2013, 10 pages.	
	44	Office Action in U.S. Appl. No. 13/779,320, dated Feb. 6, 2015, 7 pages.	
	45	Office Action in U.S. Appl. No. 14/816,249, dated Dec. 20, 2016, 7 pages.	
	46	Office Action in U.S. Appl. No. 15/438,104, dated Apr. 19, 2017, 8 pages.	
	47	Office Action issued in corresponding U.S. Appl. 13/779,320 dated Sep. 17, 2013, 13 pages.	
	48	Optics, Org, Dec. 19, 2006 "Liquid Lenses Eye Commercial Breakthrough" Opto & Laser Europe (Nov. 2003).	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

	49	Pitchon, E.M. et al., "First In-Vivo Human Monitoring of Intraocular Pressure Fluctuation and Ocular Pulsation by a Wireless Soft Contact Lens Sensor." Congress of the European Glaucoma Society, Berlin, Jun. 2008; Congres annuel de la Societe francaise d'ophtalmologie, Paris, May 2008; ARVO Meeting (The Association for Research in Vision and Ophthalmology), Apr. 27-May 1, 2008, Fort Lauderdale American Glaucoma Society, 18th Annual Meeting, Mar. 2008, Washington, 1 page.
	50	Restriction Requirement in U.S. Appl. No. 13/779,320, dated Jul. 17, 2014, 8 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	17935468
	Filing Date	2022-09-26
	First Named Inventor	Ronald D. Blum
	Art Unit	
	Examiner Name	
	Attorney Docket Number	EVSO-012US09

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	/Christopher Max Colice/	Date (YYYY-MM-DD)	2023-01-11
Name/Print	Christopher Max Colice	Registration Number	65634

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.

Attorney Docket No.: EVSO-012US09 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Ronald D. Blum	Confirmation No.: 7596
Application No.: 17/935,468	Group Art Unit:
Filed: 2022-09-26	Examiner:

FOR: **EYEWEAR DOCKING STATION AND ELECTRONIC MODULE**

VIA EFS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, AND 1.98

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98. It is respectfully requested that the information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

☐ Pursuant to 37 C.F.R. §1.98, a copy of each non-US patent document cited in the attached Form PTO/SB/08 is enclosed.

☒ No copies of any U.S. Office Actions cited on the accompanying Form PTO/SB/08 are being provided because they are available on PAIR. Copies will be provided to the Examiner upon request.

☒ No copies of the publications listed (except the two listed below this paragraph) on the attached Form used in lieu of PTO/SB/08 are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No(s). 13/735,887, 14/808,239, 15/975,353,and/or 16/819,262 to which the above-identified application claims priority under 35 U.S.C. §120:

1. KR 10-2347056
2. Notice of Allowance with translation in Korean Application No. 10-2021-7042950dated October 27, 2022

☒ No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08 are being provided pursuant to 37 C.F.R. §1.98.

☐ Publications ____ listed on the attached Form PTO/SB/08 were cited in a foreign search or examination report corresponding to application serial no. ____ and mailed on ____.

☐ Enclosed is a copy of a non-English publication(s) _____ Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).

☐ Enclosed is a copy of a non-English publication(s) _____ English language publication _____ (copy enclosed) claims priority from this non-English publication.

☐ Enclosed is an explanation of non-English publication(s) ____ for which an English translation is not available.

☐ Enclosed is an English translation of non-English publication(s) _____ cited in the attached Form used in lieu of PTO/SB/08.

☐ Enclosed is a copy of pending patent Application Serial No. _____.

☐ Applicants wish to make the Examiner aware of the following co-pending U.S. patents/publications/applications:

Application No.:	**Filing Date**	**Inventor**	**Atty. Docket No.**

In accordance with **37 C.F.R. §1.97(b)**, no additional fee for submission of this Information Disclosure Statement is required, as it is filed within any one of the following time periods:

☐ within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);

☐ within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in this international application;

☒ before the mailing date of a first office action on the merits; or

☐ before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement shall not be construed as to mean that a search has been made.

In accordance with 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be material to patentability as defined by 37 C.F.R § 1.56(b).

Remarks

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form used in lieu of PTO/SB/08 to the undersigned.

The Director is hereby requested and authorized to charge any deficiency or credit any overpayment in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 60-1876 which the undersigned is authorized to draw.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Dated: January 11, 2023

Respectfully submitted,
SMITH BALUCH LLP

SMITH BALUCH LLP
376 Boylston St., Suite 401
Boston, MA 02116

Tel: (617) 947-7280

By: /Christopher Max Colice/
Christopher Max Colice
Reg. No.: 65634

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	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
17/935,468	09/26/2022	2872	1980	EVSO-012US09	1	1

CONFIRMATION NO. 7596

UPDATED FILING RECEIPT

149890
SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

OC00000051654810

Date Mailed: 12/14/2022

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Ronald D. Blum, Roanoke, VA;
Yongping Wang, Philadelphia, PA;
Mark Graham, Roanoke, VA;
William Kokonaski, Gig Harbor, WA;
Richard Clompus, Roanoke, VA;

Applicant(s)

e-Vision Smart Optics, Inc., Sarasota, FL;

Assignment For Published Patent Application

e-Vision Smart Optics, Inc., Sarasota, FL

Power of Attorney: The patent practitioners associated with Customer Number 149890

Domestic Priority data as claimed by applicant

This application is a CON of 16/819,262 03/16/2020 PAT 11,487,138
which is a CON of 15/975,353 05/09/2018 PAT 10,598,960
which is a CON of 14/808,239 07/24/2015 PAT 10,114,235
which is a CON of 13/735,887 01/07/2013 PAT 9,122,083
which claims benefit of 61/640,425 04/30/2012
and claims benefit of 61/638,150 04/25/2012
and claims benefit of 61/622,092 04/10/2012
and claims benefit of 61/583,940 01/06/2012

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/06/2022

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 17/935,468**

Projected Publication Date: 03/23/2023

Non-Publication Request: No

Early Publication Request: No
Title

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Preliminary Class

351

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

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 U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 17/935,468

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	320
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	700
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	800
TOTAL CLAIMS (37 CFR 1.16(i))	1 minus 20 =	* 0			OR	x =	0
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*				x =	0
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).						0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	1820

APPLICATION AS AMENDED - PART II

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

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

Attorney Docket No. EVSO-012US09 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Inventor:	Ronald D. Blum	Confirmation No.:	7596
Application No.:	17/935,468	Group Art Unit:	*to be determined*
Filed:	2022-09-26	Examiner:	*to be determined*

For: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

VIA EFS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

In response to the Notice to File Missing Parts of Application under 37 C.F.R. § 1.53(e) or (f) mailed October 11, 2022, enclosed is:

[x] Basic Filing Fee: $320.00
[x] Examination Fee: $800.00
[x] Search Fee: $700.00
[x] Surcharge: $160.00

Applicant respectfully requests issuance of a Corrected Filing Receipt for the above-referenced patent application.

Dated: December 9, 2022

Respectfully submitted,
Smith Baluch LLP

Smith Baluch LLP
ATTN: Patent Group
376 Boylston St., Suite 401
Boston, MA 02116

Tel:

Fax:

By: /Christopher Max Colice/
Christopher Max Colice
Reg. No. 65,634

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**12/09/2022 11:26:38 AM ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Marie Spakowski
PATENT CENTER #	61277938	FILING DATE	09/26/2022
CUSTOMER #	149890	FIRST NAMED INVENTOR	Ronald D. Blum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Christopher Colice

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
EVSO-012US09_ResponsetoNoticetoFileMissingParts_.pdf	1	Applicant Response to Pre-Exam Formalities Notice	163 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
EVSO-012US09_ResponsetoNoticetoFileMissingParts_.pdf	B256D16EB3FB9C954F28BDE8DD33C0D998FAA11A174750316218688EF822B1EBD8610F1BF9F9E5306DB8782A7E00F13F53419F987327FEE57D42F5A579E6ED2E

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 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.

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	12/09/2022 11:26:38 AM ET	EVSO-012US09

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Marie Spakowski
PATENT CENTER #	61277938	AUTHORIZED BY	Christopher Colice
CUSTOMER #	149890	FILING DATE	09/26/2022
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Ronald D. Blum

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 1006	E2022B9B30294569	Marie Spakowski

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
1051	SURCHARGE- LATE FILING FEE, SEARCH FEE, EXAMINATION FEE, INVENTOR'S OATH OR DECLARATION, OR APPLICATION FILED WITHOUT AT LEAST ONE CLAIM OR BY REFERENCE	160.00	1	160.00
1111	UTILITY PATENT APPL. SEARCH FEE	700.00	1	700.00
1011	BASIC FILING FEE - UTILITY (PAPER FILING ALSO REQUIRES NON-ELECTRONIC FILING FEE UNDER 1.16(T))	320.00	1	320.00

1311	PATENT APPL. EXAMINATION FEE	800.00	1	800.00

TOTAL AMOUNT: **$1,980.00**

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 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.

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	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
17/935,468	09/26/2022	2872	0	EVSO-012US09	1	1

CONFIRMATION NO. 7596

CORRECTED FILING RECEIPT

149890
SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

OC00000049859424

Date Mailed: 10/19/2022

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Ronald D. Blum, Roanoke, VA;
Yongping Wang, Philadelphia, PA;
Mark Graham, Roanoke, VA;
William Kokonaski, Gig Harbor, WA;
Richard Clompus, Roanoke, VA;

Applicant(s)

e-Vision Smart Optics, Inc., Sarasota, FL;

Assignment For Published Patent Application

e-Vision Smart Optics, Inc., Sarasota, FL

Power of Attorney: The patent practitioners associated with Customer Number 149890

Domestic Priority data as claimed by applicant

This application is a CON of 16/819,262 03/16/2020 PAT 11,487,138
which is a CON of 15/975,353 05/09/2018 PAT 10,598,960
which is a CON of 14/808,239 07/24/2015 PAT 10,114,235
which is a CON of 13/735,887 01/07/2013 PAT 9,122,083
which claims benefit of 61/640,425 04/30/2012
and claims benefit of 61/638,150 04/25/2012
and claims benefit of 61/622,092 04/10/2012
and claims benefit of 61/583,940 01/06/2012

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/06/2022

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 17/935,468**

Projected Publication Date: Reprint Filing Receipt

Non-Publication Request: No

Early Publication Request: No
Title

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Preliminary Class

351

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

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 U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

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	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
17/935,468	09/26/2022	2872	0	EVSO-012US09	1	1

CONFIRMATION NO. 7596

FILING RECEIPT

149890
SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

OC00000049504581

Date Mailed: 10/11/2022

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Ronald D. Blum, Roanoke, VA;
Yongping Wang, Philadelphia, PA;
Mark Graham, Roanoke, VA;
William Kokonaski, Gig Harbor, WA;
Richard Clompus, Roanoke, VA;

Applicant(s)

e-Vision Smart Optics, Inc., Sarasota, FL;

Assignment For Published Patent Application

e-Vision Smart Optics, Inc., Sarasota, FL

Power of Attorney: The patent practitioners associated with Customer Number 149890

Domestic Priority data as claimed by applicant

This application is a CON of 16/819,262 03/16/2020
which is a CON of 15/975,353 05/09/2018 PAT 10,598,960
which is a CON of 14/808,239 07/24/2015 PAT 10,114,235
which is a CON of 13/735,887 01/07/2013 PAT 9,122,083
which claims benefit of 61/640,425 04/30/2012
and claims benefit of 61/638,150 04/25/2012
and claims benefit of 61/622,092 04/10/2012
and claims benefit of 61/583,940 01/06/2012

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No
Title

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Preliminary Class

351

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign

patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

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 U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 17/935,468

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	320
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	700
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	800
TOTAL CLAIMS (37 CFR 1.16(i))	1 minus 20 =	* 0			OR	x =	0
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*				x =	0
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).						0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	1820

APPLICATION AS AMENDED - PART II

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

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

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	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
17/935,468	09/26/2022	Ronald D. Blum	EVSO-012US09

CONFIRMATION NO. 7596

149890
SMITH BALUCH LLP
376 BOYLSTON ST
STE 401
BOSTON, MA 02116

FORMALITIES LETTER

OC000000049504585

Date Mailed: 10/11/2022

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to the above-identified nonprovisional application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee has not been received.
- The application search fee must be submitted.
- The application examination fee must be submitted.
- Surcharge as set forth in 37 CFR 1.16(f) has not been received.

  The surcharge is due for any one of:
  - late submission of the basic filing fee, search fee, or examination fee,
  - late submission of inventor's oath or declaration,
  - filing an application that does not contain at least one claim on filing, or
  - submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required (including the fees noted above) are as follows. No entity status discount is in effect. If applicant is qualified for small entity status, a written assertion of small entity status must be submitted to establish small entity status. (See 37 CFR 1.27). If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- $**320** basic filing fee.
- $**160** surcharge.
- $**700** search fee.
- $**800** examination fee.
- $(**0**) previous unapplied payment amount.
- $**1980** TOTAL FEE BALANCE DUE.

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be addressed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

REPLY VIA ELECTRONIC FILING

A reply may be submitted via electronic filing only by registered users of the appropriate USPTO patent electronic filing system and must include:

- A separate document having the document description, "**Applicant response to Pre-Exam Formalities Notice**"; and
- the item(s) for which a reply period is set forth above.

For more information about electronic filing, contact the Patent Electronic Business Center (EBC) 1-866-217-9197 or visit https://www.uspto.gov/ebc

NOTE: If the reply is not being submitted electronically, a copy of this notice must be included.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/agizaw/

DocuSign Envelope ID: 3E8EEB2C-A496-4C8A-A7B3-BD5E4E45FD22

Document Description: Power of Attorney

PTO/AIA/82B (07-13)
Approved for use through 01/31/2018. OMB 0651-0035
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

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 149890

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

☑ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

e-Vision Smart Optics, Inc.

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☑ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature	Joel Zychick	Date (Optional)	6/11/2018 11:33:14 AM PDT
Name	Joel Zychick		
Title	president		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ Total of forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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.

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. 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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/735,887 filed on January 7, 2013

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

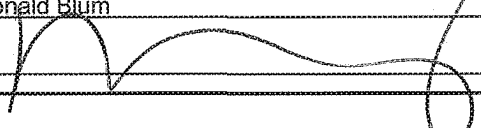
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Ronald Blum Date (Optional): 9/29/13

Signature: 

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/735,887 filed on January 7, 2013

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Richard Clompus Date (Optional): 4/17/13

Signature: Richard Clompus

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/735,887 filed on January 7, 2013

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Mark Graham Date (Optional): 4/23/13

Signature: Mark Graham

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/735,887 filed on January 7, 2013

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: William Kokonaski Date (Optional): 3/22/13

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. 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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. 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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☑ United States application or PCT international application number 13/735,887 filed on January 7, 2013

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Yongping Wang Date (Optional): 4/10/2013

Signature:

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032

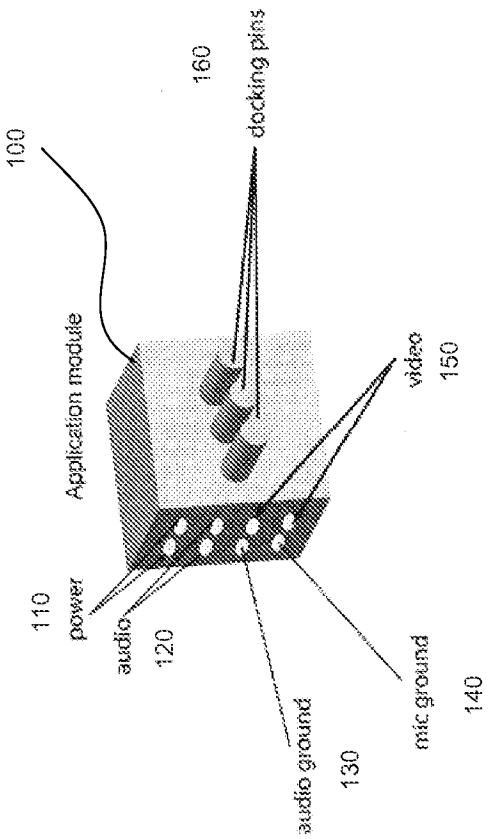

100
Application module
160
docking pins
video
150
110
power
audio
120
audio ground
130
mic ground
140

FIG. 1

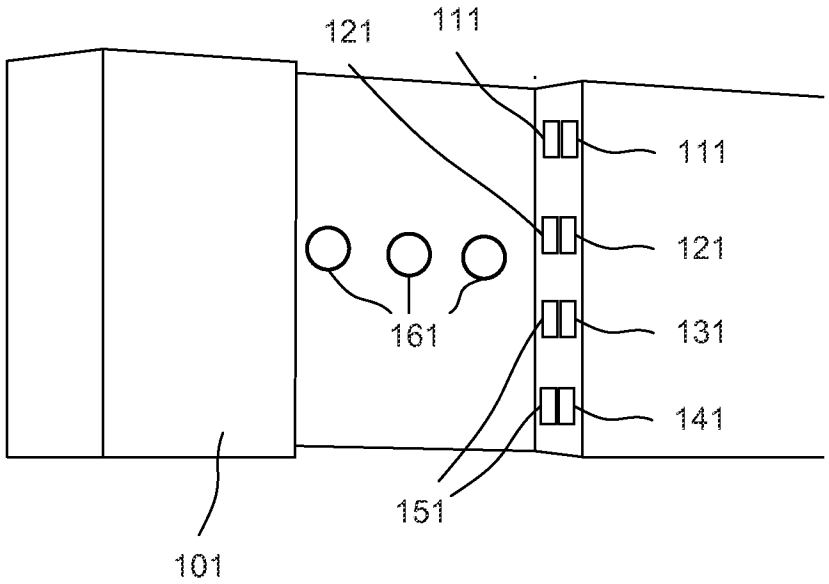


FIG. 2A

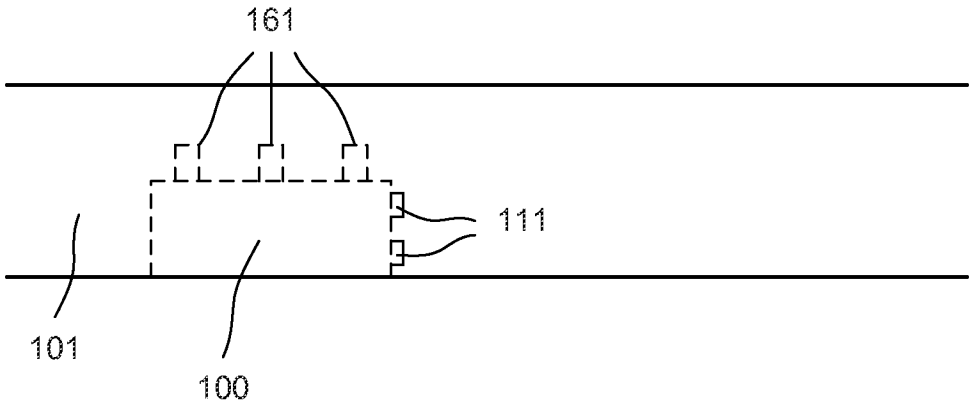


FIG. 2B

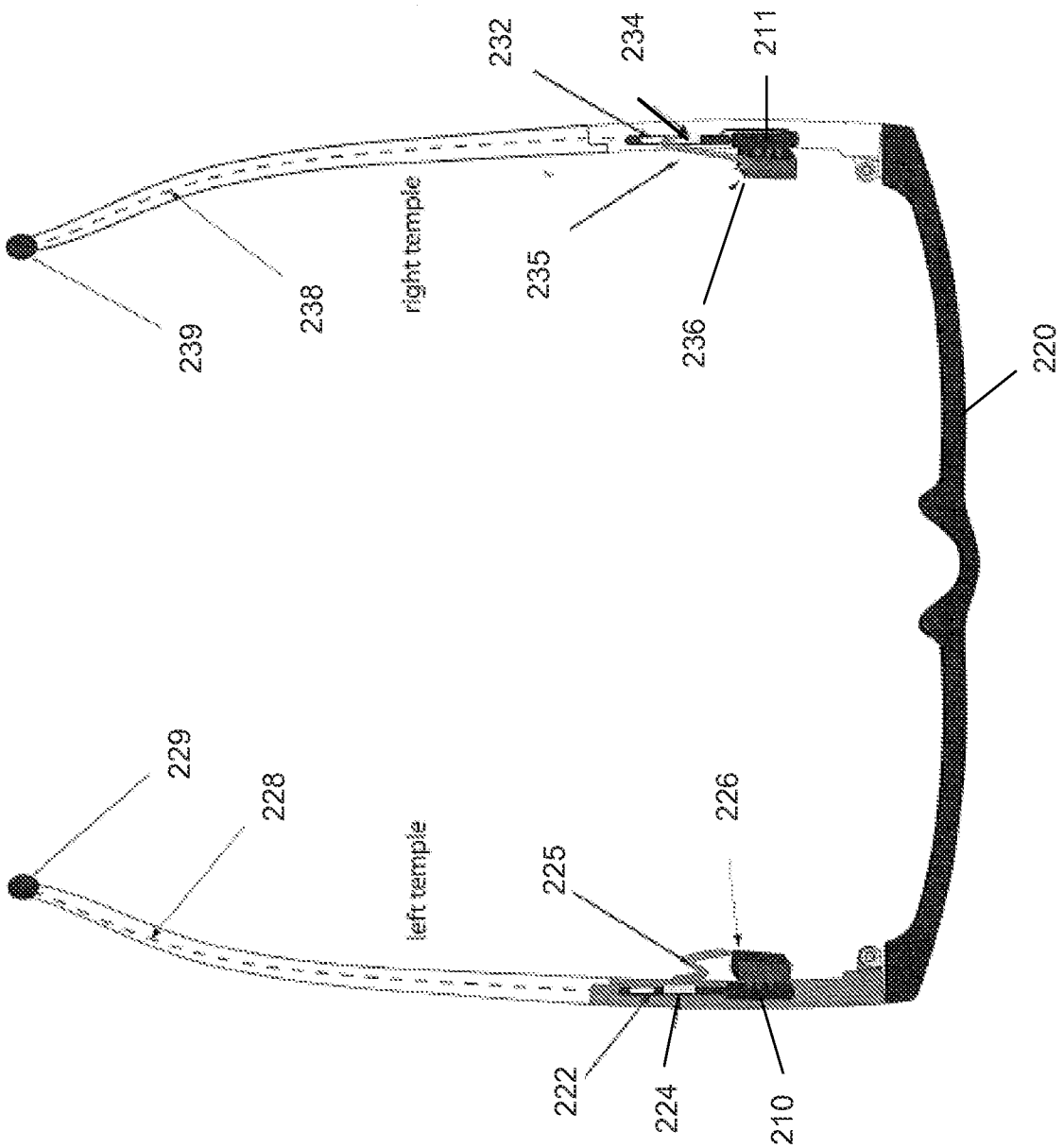

232
234
211
239
238
right temple
235
236
220
229
228
left temple
225
226
222
224
210

FIG. 3

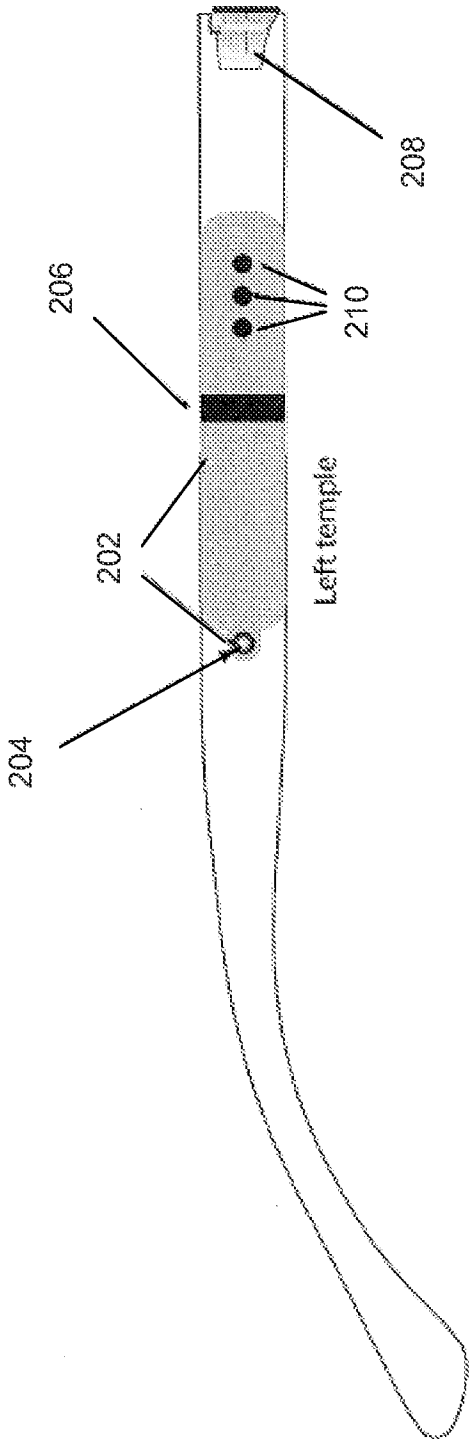


FIG. 4

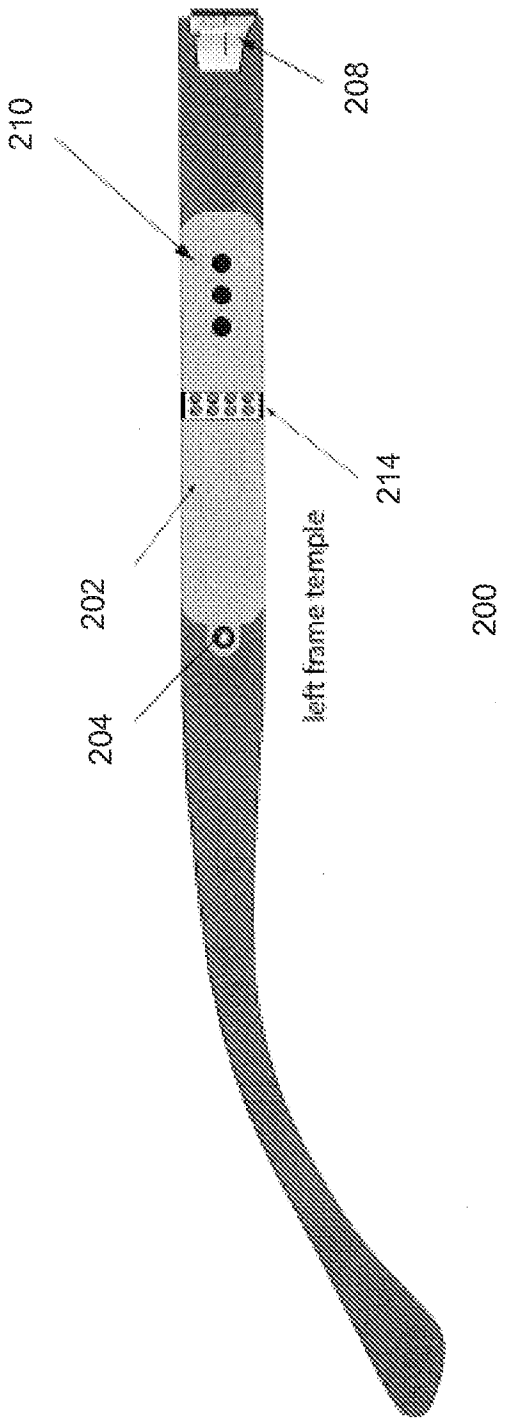


FIG. 5

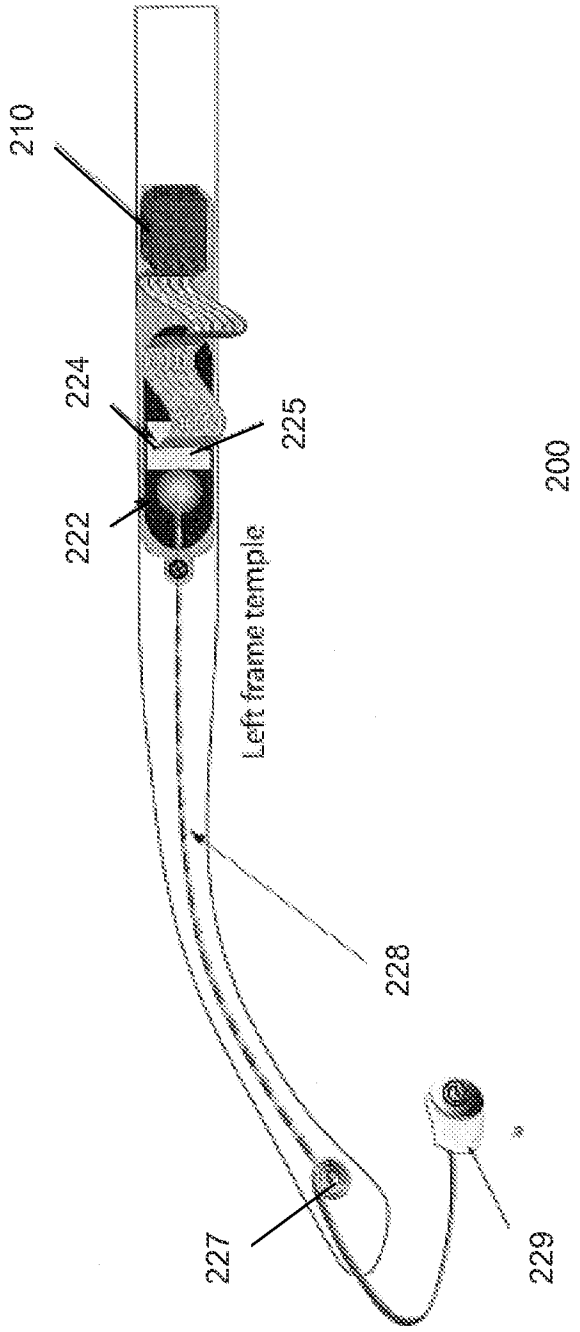


FIG. 6

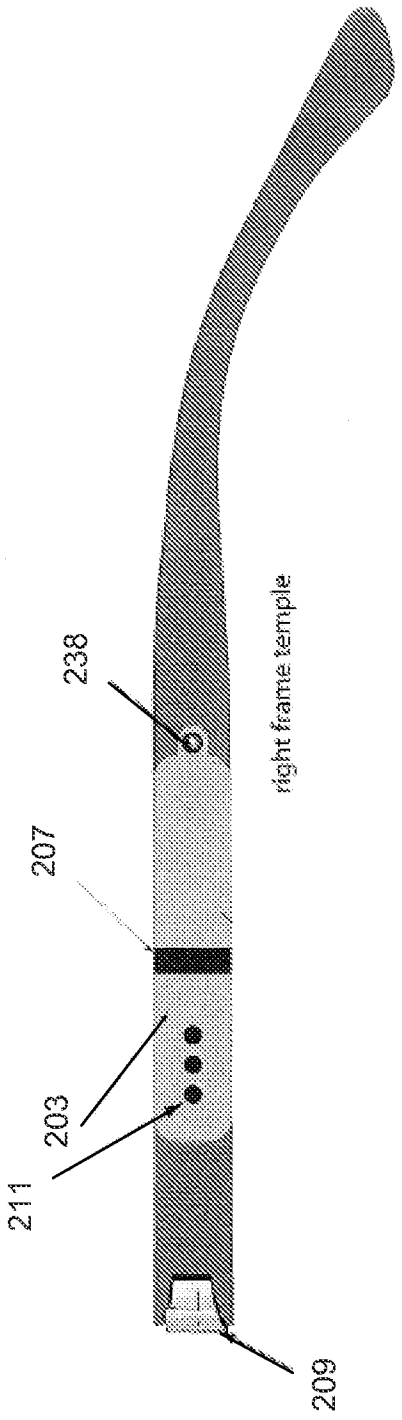


FIG. 7

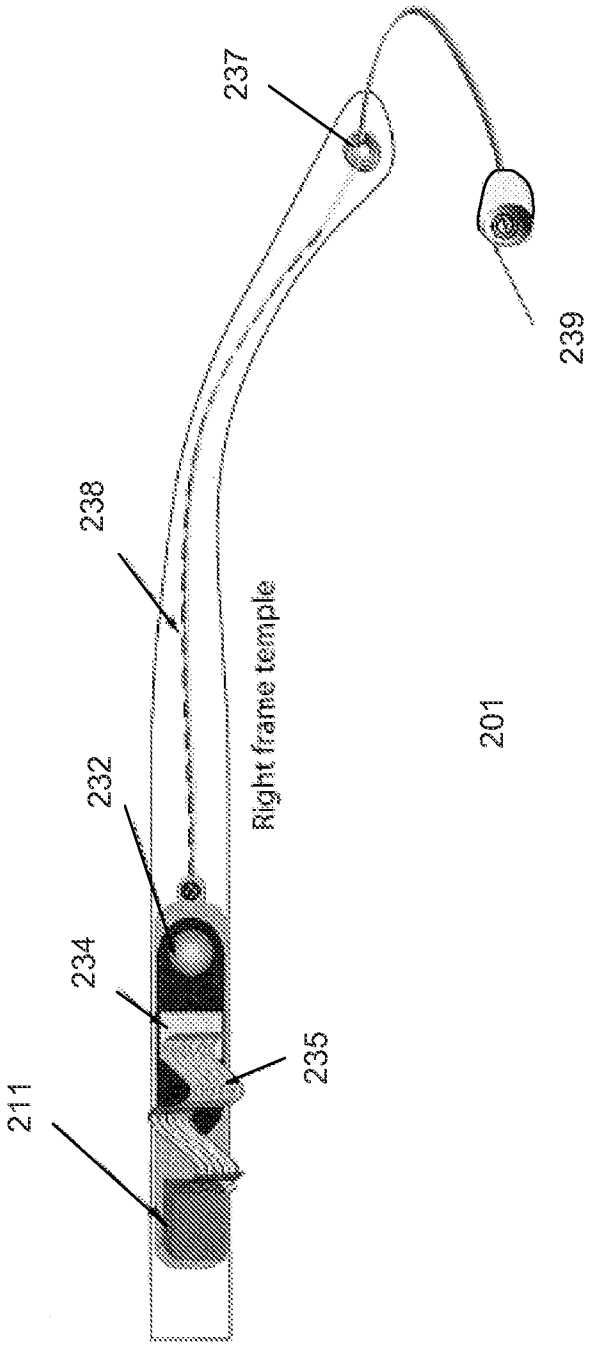


FIG. 8

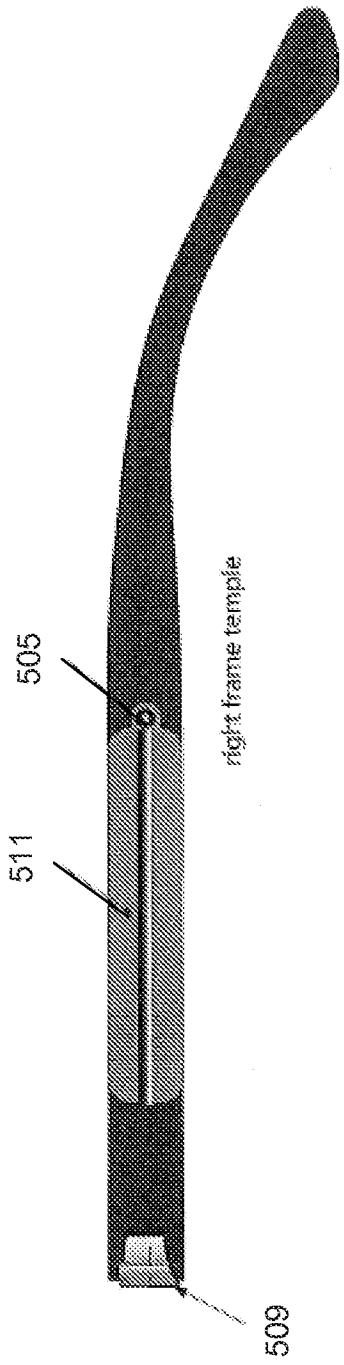


FIG. 9

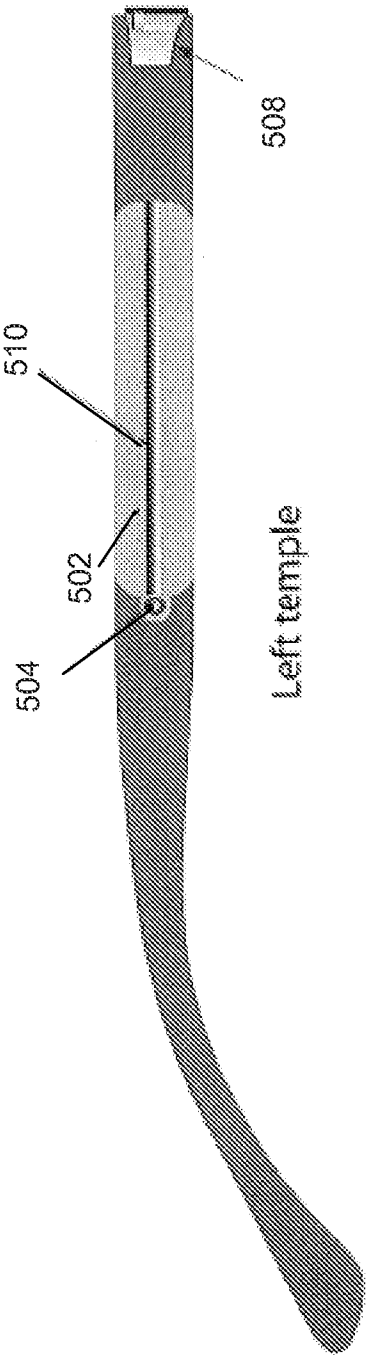


FIG. 10

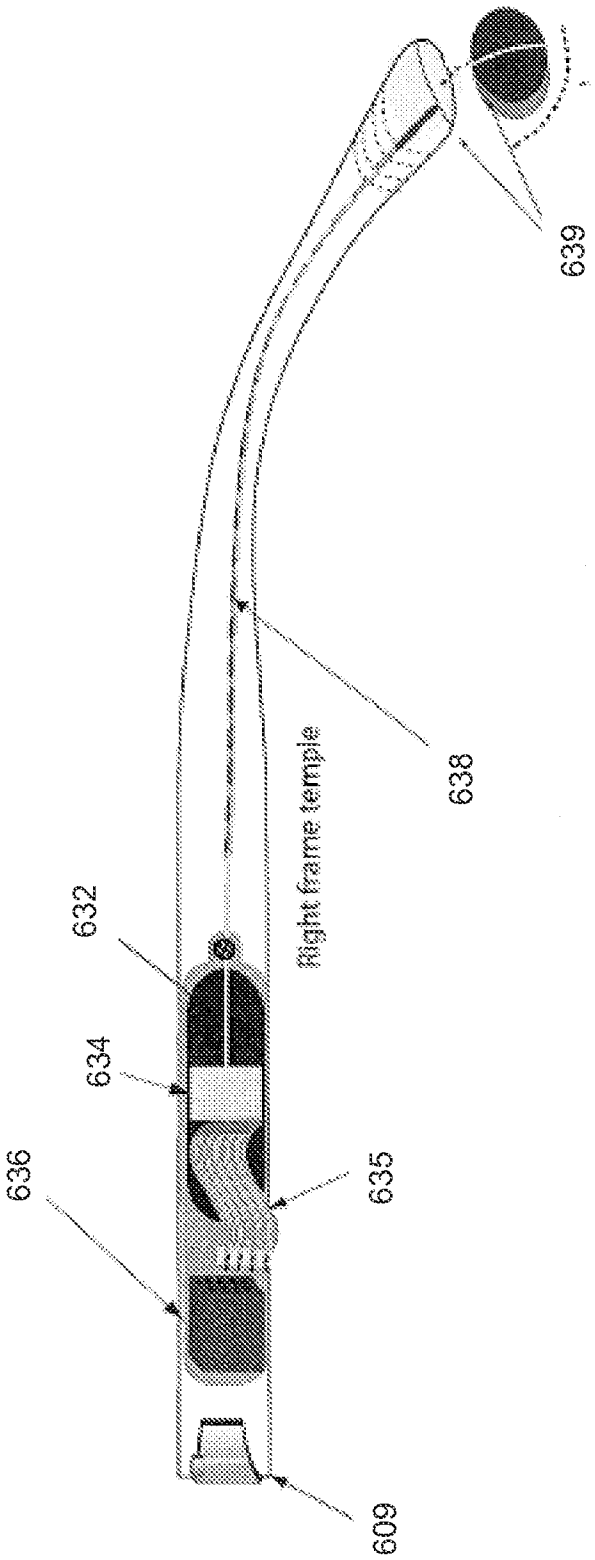


FIG. 11

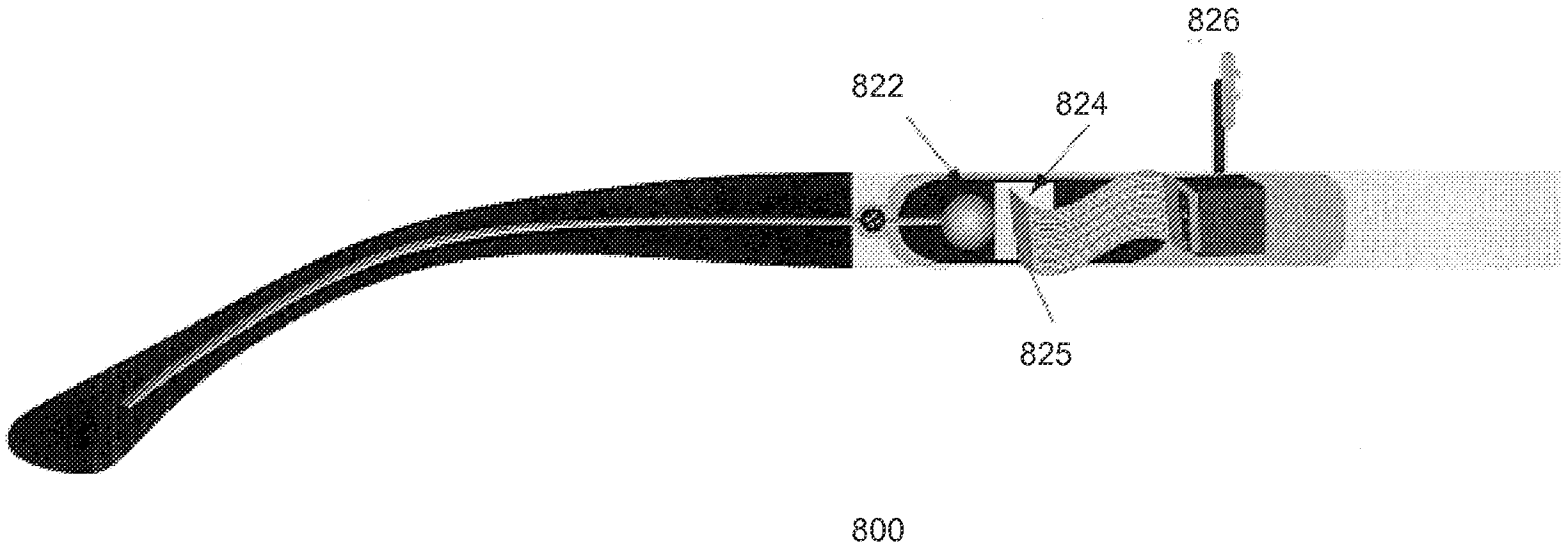


FIG. 12

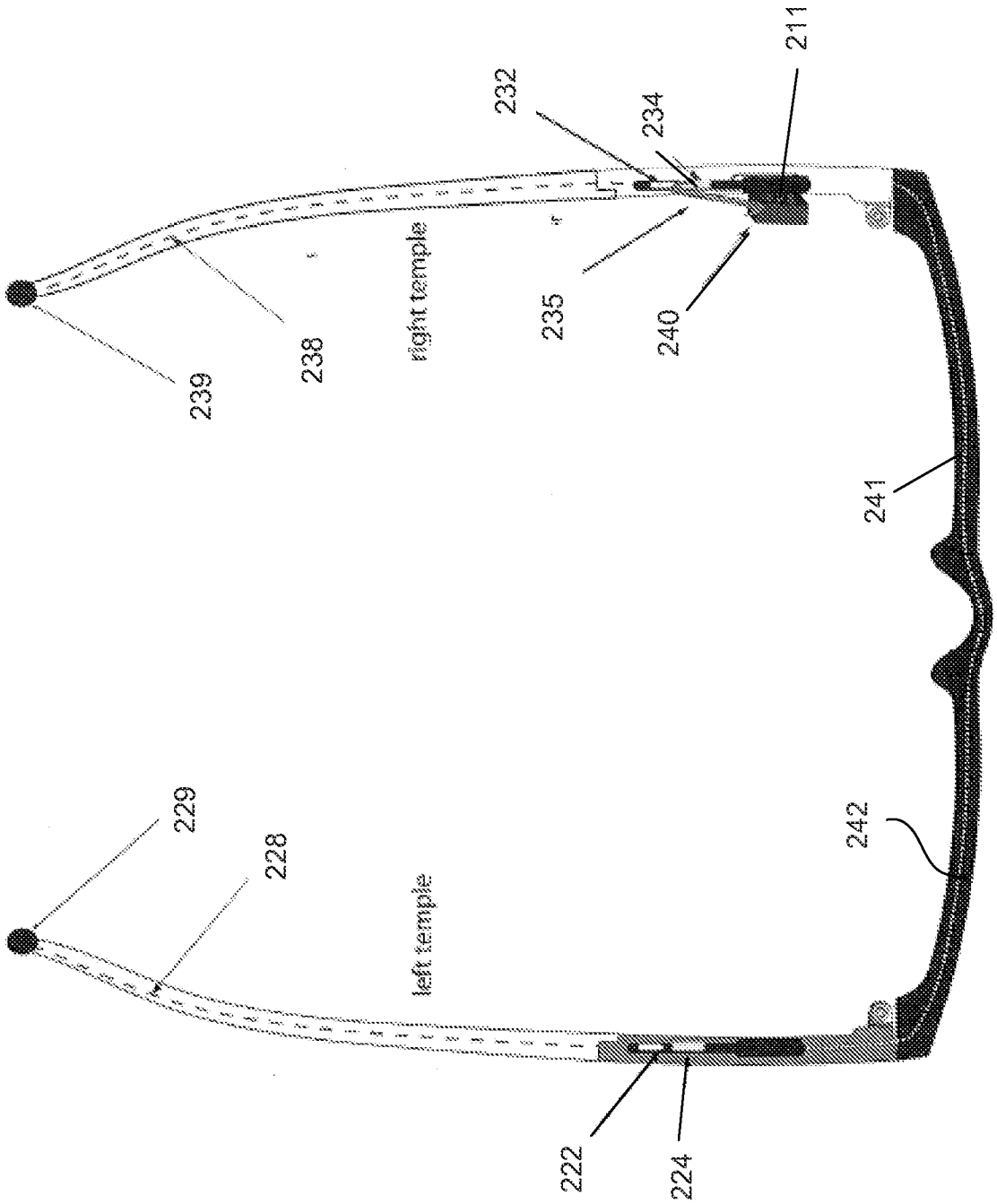

211
232
234
235
240
239
238
right temple
241
229
228
left temple
242
222
224

FIG. 13

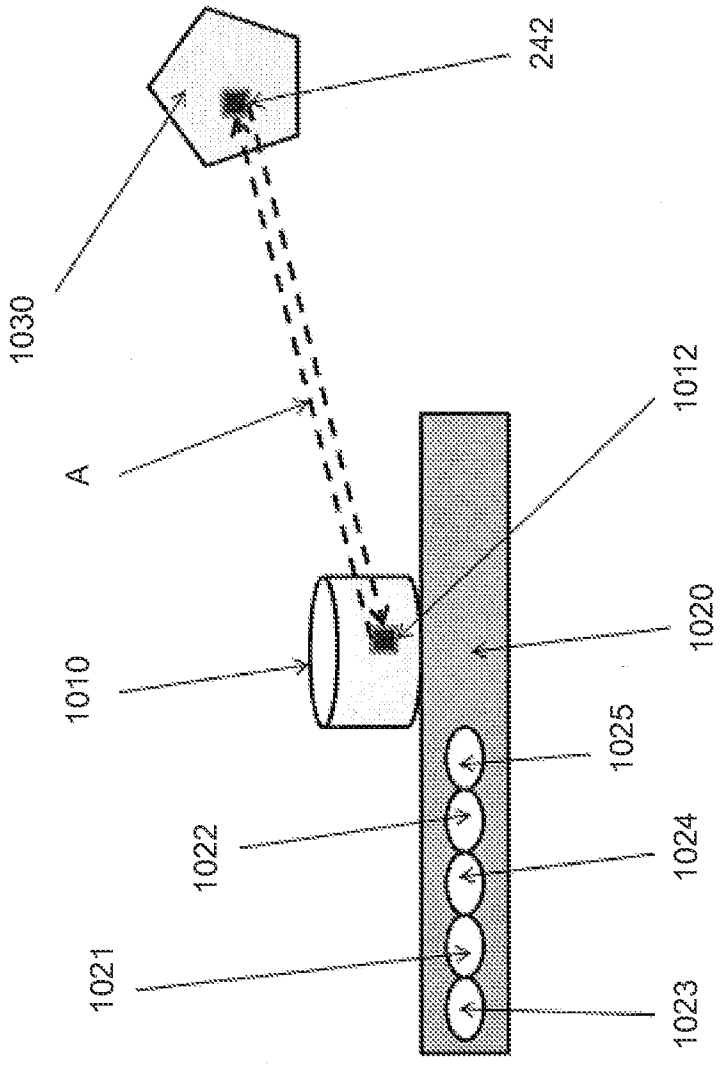


FIG. 14

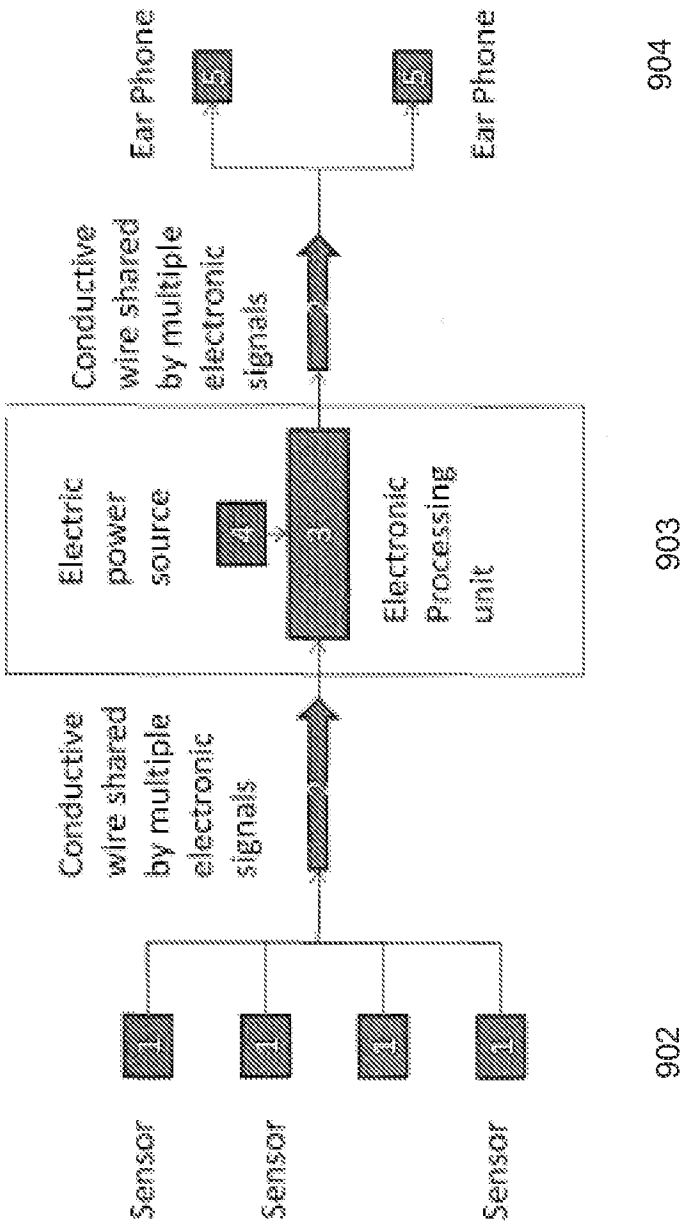

Sensor
Sensor
Sensor
Conductive wire shared by multiple electronic signals
Electric power source
Electronic Processing unit
Conductive wire shared by multiple electronic signals
Ear Phone
Ear Phone
902
903
904

FIG. 15

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/935,468	**09/26/2022 05:56:36 PM ET**	**EVSO-012US09**

Title of Invention

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7596	FILED BY	Marie Spakowski
PATENT CENTER #	61005672	FILING DATE	-
CUSTOMER #	149890	FIRST NAMED INVENTOR	Ronald D. Blum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Jasmine Wallas

Documents

TOTAL DOCUMENTS: 7

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
EVSO-012US09_USPTO_AIA14_.pdf		10	Application Data Sheet	2225 KB
EVSO-012US09_Continuation_Application.pdf		37	-	288 KB
EVSO-012US09_Continuation_Application-SPEC.pdf	(1-35)	35	Specification	235 KB
EVSO-012US09_Continuation_Application-CLM.pdf	(36-36)	1	Claims	116 KB

EVSO-012US09_Continuation_Application-ABST.pdf	(37-37)	1	Abstract	95 KB
EVSO-012US09_Drawings.pdf		15	Drawings-only black and white line drawings	1963 KB
EVSO-012US09_Inventor_Declarations.pdf		5	Oath or Declaration filed	634 KB
e-Vision_Smart_Optics_POA_Signature_Page.pdf		1	Power of Attorney	1002 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
EVSO-012US09_USPTO_AIA14_.pdf	EFC5E1765EDEA1E31A072ECF22E1E95D312DD0B63678E57D1B87EF053EB8FF9795846B99B671F7A1EB9CAD9FFA2378CB1FDD72F678D14BBFAE82DADCDF2CBD3C
EVSO-012US09_Continuation_Application.pdf	A5CC76E3AFE3EC16CE64BABA53DB5C882AA01F8F00138BA011097915C226D96EF644946C8E0BEC6A2A24D259105DA51711B324228EE235FF96B9115CD0DAC9AB
EVSO-012US09_Continuation_Application-SPEC.pdf	094E45DFFA19D8A0B458F4C394A5245EA54EDFB7152E538878F2C39C13AED9DA13243F441B85972BBB49F8D99B7749B08DB256866D177091535CB9B1BBDE7961
EVSO-012US09_Continuation_Application-CLM.pdf	46728461EE47596F33D36B4CD2B3F181206A774012D0369667BDE148B78154D31B33490310646A0FF07CF47A2B27EB22D74E85CBD9B2C5AC1AA0D5AB1E02CD02
EVSO-012US09_Continuation_Application-ABST.pdf	B1232984B7591DF600AFABE10BBDE4E60AC24101832824AF970050A5B5B2912320DDD4113AD7DDB0BCC578EC127E24876E5F5A480A1E3954048D36BD70E827E

EVSO-012US09_Drawings.pdf	A5630494DBA271E1AF84ED67E2C1E5CB30393A146CB7EBCD0F19EA4FB5B12F78D0B8B0ADEF48D51182BB6DB52059319F4284805B49DE4BEAD0379347E3F965E8
EVSO-012US09_Inventor_Declarations.pdf	48E08474E249ACEA2E4D11C979DAA7C772698469249D5E3B2A16C314D1C1DEAD089BCF5455F22FD18386814DAF371F9B3B6E5780142695FCB4A53FEAA038A4EF
e-Vision_Smart_Optics_POA_Signature_Page.pdf	8C6D9F94F974C330E38AB9BFA7168ACBA0342A6AC4E47DDADF1ECCEA411F20C63A96AC4202CF717F1CA1864BCE1BD0B5C3D8611102918C6A3341A0A269540FBC

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 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/AIA/14 (01-22)
Approved for use through 05/31/2024. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Ronald	D.	Blum	

Residence Information (Select One) ● US Residency Non US Residency Active US Military Service

City	State/Province	Country of Residence
Roanoke	VA	US

Mailing Address of Inventor:

Address 1	5320 Silver Fox Rd
Address 2	
City	Roanoke
State/Province	VA
Postal Code	24018
Country	US

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Yongping		Wang	

Residence Information (Select One) ◉ US Residency Non US Residency Active US Military Service

City	State/Province	Country of Residence
Philadelphia	PA	US

Mailing Address of Inventor:

Address 1	8437 Tuttle Avenue
Address 2	Suite 319
City	Sarasota
State/Province	FL
Postal Code	34243
Country	US

Inventor 3 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Mark		Graham	

Residence Information (Select One) ◉ US Residency Non US Residency Active US Military Service

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

City	Roanoke	State/Province	VA	Country of Residence i	US

Mailing Address of Inventor:

Address 1	6241 Valleypark Drive		
Address 2			
City	Roanoke	State/Province	VA
Postal Code	24019	Country i	US

Inventor 4 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	William		Kokonaski	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	Gig Harbor	State/Province	WA	Country of Residence i	US

Mailing Address of Inventor:

Address 1	1807 44th Street Court, N.W.		
Address 2			
City	Gig Harbor	State/Province	WA
Postal Code	98335	Country i	US

Inventor 5 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Richard		Clompus	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	Roanoke	State/Province	VA	Country of Residence i	US

Mailing Address of Inventor:

Address 1	8437 Tuttle Avenue		
Address 2	Suite 319		
City	Sarasota	State/Province	FL
Postal Code	3243	Country i	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence information of this application.**

PTO/AIA/14 (01-22)
Approved for use through 05/31/2024. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

Customer Number	149890		
Email Address	docketing@smithbaluch.com	Add Email	Remove Email

Application Information:

Title of the Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE		
Attorney Docket Number	EVSO-012US09	**Small Entity Status Claimed**	☐
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	15	**Suggested Figure for Publication (if any)**	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	● Customer Number	US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	149890		

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
	Continuation of	16819262	2020-03-16	
Prior Application Status	Patented			Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16819262	Continuation of	15975353	2018-05-09	10598960	2020-03-24
Prior Application Status	Patented			Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15975353	Continuation of	14808239	2015-07-24	10114235	2018-10-30
Prior Application Status	Patented			Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14808239	Continuation of	13735887	2013-01-07	9122083	2015-09-01
Prior Application Status	Expired			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
13735887	Claims benefit of provisional	61640425	2012-04-30	
Prior Application Status	Expired			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
13735887	Claims benefit of provisional	61638150	2012-04-25	
Prior Application Status	Expired			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
13735887	Claims benefit of provisional	61622092	2012-04-10	
Prior Application Status	Expired			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
13735887	Claims benefit of provisional	61583940	2012-01-06	
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.				Add

PTO/AIA/14 (01-22)
Approved for use through 05/31/2024. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

PTO/AIA/14 (01-22)
Approved for use through 05/31/2024. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 — Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

● Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.	Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name	e-Vision Smart Optics, Inc.		
Mailing Address Information For Applicant:			
Address 1	8437 Tuttle Avenue		
Address 2	Suite 319		
City	Sarasota	**State/Province**	FL
Country	US	Postal Code	34243
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

PTO/AIA/14 (01-22)
Approved for use through 05/31/2024. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

Remove

If the Assignee or Non-Applicant Assignee is an Organization check here. ☒

Organization Name	e-Vision Smart Optics, Inc.

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1	3437 Tuttle Avenue		
Address 2	Suite 319		
City	Sarasota	**State/Province**	FL
Country i	US	Postal Code	34243
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Jasmine Wallas/			Date (YYYY-MM-DD)	2022-09-26
First Name	Jasmine	Last Name	Wallas	Registration Number	79486

Additional Signature may be generated within this form by selecting the Add button. Add

PTO/AIA/14 (01-22)
Approved for use through 05/31/2024. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	EVSO-012US09
	Application Number	
Title of Invention	EYEWEAR DOCKING STATION AND ELECTRONIC MODULE	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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 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 CooperationTreaty.

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.

CLAIMS

1. Eyewear comprising:

an eyewear frame having a first temple and a second temple;

a speaker coupled to the eyewear frame; and

an application module mechanically coupled to the eyewear frame and operably coupled to the speaker, the application module comprising:

a microphone to receive a verbal query from a wearer of the eyewear; and

a Bluetooth chip, operably coupled to the microphone and the speaker, to connect to a Bluetooth-enabled external device, to transmit the verbal query to the Bluetooth-enabled external device, to receive a response to the verbal query from the Bluetooth-enabled external device, and to provide the response to the wearer via the speaker,

wherein the verbal query causes the Bluetooth-enabled external device to obtain the response to the verbal query via the Internet.

ABSTRACT

An eyewear system including an eyewear frame and an application module. The eyewear frame including a docking station, and an electronic connector including a first set of preconfigured application connection points. The application module adapted to be mounted to the docking station, and including an electronic device configured to perform a function, and a second set of preconfigured application connection points corresponding to at least some of the first set of preconfigured application connection points. The second set of preconfigured application connection points including at least two different sub-function connections used to support the function of the electronic device.

EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] The present application is a continuation of U.S. Application No. 16/819,262, filed on March 16, 2020, which is a continuation of U.S. Application No. 15/975,353, filed on May 9, 2018, which is a continuation of U.S. Application No. 14/808,239, now U.S. Patent No. 10,114,235, filed on July 24, 2015, which is a continuation of U.S. Application No. 13/735,887, now U.S. Patent No. 9,122,083, which was filed on January 7, 2013, and which claims priority to each of the following provisional patent applications: U.S. Application No. 61/583,940, filed on January 6, 2012; U.S. Application No. 61/622,092, filed on April 10, 2012; U.S. Application No. 61/638,150, filed on April 25, 2012; and U.S. Application No. 61/640,425, filed on April 30, 2012, the contents of each of which are incorporated herein by reference in their entireties. U.S. Application No. 11/261,035, filed on October 28, 2005, now U.S. Patent No. 8,778,022, is also incorporated herein by reference in its entirety.

BACKGROUND

[0002] Presently, commercial eyewear comprising electronics are limited to one application in addition to the conventional eyeglass lenses housed within said eyewear. By way of example only, there are commercially available electronic focusing eyeglasses, commercially available eyeglasses with a built in MP3 player, commercially available eyeglasses with video for occupation purposes, and soon there are expected to be commercially available eyeglasses with a built in camera. However, with the exception of inventor's patent application 13/085,562, the prior art teaches eyeglasses capable of one or more applications, but in all cases the applications are built into the eyeglasses or, if attached to the eyeglass frames, do so such that only one application device at a time is available in addition to the standard lenses housed by the eyeglass frames. Inventor's prior patent application 13/085,562 teaches the front of eyewear being used as a docking station for applying a clip on means which can house various application devices. The application devices receive at least some of their electrical power needed to drive the application devices. While patent application 13/085,562 teaches a means of applying (one at a time) a plurality of application devices to eyewear the means of doing so causes the lenses to look thick, adds weight to the front of the eyewear, and distracts from the aesthetics of the eyewear.

[0003] Today there are so many electronic devices each capable of providing an occupational benefit or personal benefit for the user. These electronic devices have been in many cases miniaturized. The modern world operates at a very high pace whereby being able to provide benefits to the user in a hands free manner is very efficient and beneficial. However, if one wants to purchase "fashionable" eyewear capable of being used for a plurality of functions beyond correcting the refractive error of the wearer and/or providing a tinted means to make the wearer's eyes more comfortable, such eyewear does not exist. Needless to say there is a need for a single pair of fashionable eyewear capable of a utilizing one or more of a multitude of different application devices while the wearer is wearing the eyewear.

SUMMARY

[0004] The present subject matter is directed to electronic eyewear modules and systems to be worn by a wearer, whereby an electronic eyewear system with a docking station can be easily joined with a plurality of electronic application modules (also referred to herein as application devices or application modules), preferably in a standardized manner. These application modules can each fit together with the docking station and may be utilized one or more at a time while the eyewear is being worn by a wearer. The modularity may also provide a user with a variety of interchangeable applications, each of which may be recognized by the eyewear system. In the event that electronic application modules break, they can also be easily replaced without replacing the entire system.

[0005] The invention disclosed herein allows for the eyewear to remain fashionable and does not distract from the cosmetic design of the eyewear. Furthermore the invention disclosed herein provides additional weight of one or more application devices to be distributed in a comfortable manner when worn by the wearer.

[0006] According to first aspects of the invention, an application module is provided that is adapted to be mounted to an eyewear docking station. The application module may include one or more of an electronic device configured to perform a function; an attachment mechanism configured to secure the application module to the docking station in a substantially fixed position; and/or a plurality of preconfigured application connection points. In embodiments, the plurality of preconfigured application connection points may include at least two different sub-function connections used to support the function of the electronic device.

[0007] In embodiments, the application connection points may be configured to attach to a universal connector cable. In embodiments, the application connection points may be configured to connect directly to corresponding application connection points of an eyewear frame.

[0008] In embodiments, the different sub-function connections may include at least two of power supply, audio out, audio in, audio ground, video out, and video in. In embodiments, the different sub-function connections may further include data output, data input, control signal output, and/or control signal input.

[0009] In embodiments, the different sub-function connections may preferably include a power supply, an audio out, and control input.

[0010] In embodiments, the different sub-function connections may preferably include a data input and a control signal output. In embodiments, the data input may include sensor data, and the application module may be configured to control a lens function of the eyewear via the control signal output based on the data input.

[0011] In embodiments, the different sub-function connections may preferably include a power supply configured for the application module to receive at least one of operating power and recharging power from the eyewear.

[0012] In embodiments, the function of the electronic device may include at least one of audio playback, audio recording, acoustic amplification, acoustic canceling, hearing aid, video playback, video recording, photography, fall detection, alertness monitoring, pedometer, geo-location, pulse detector, wireless communication (e.g. cellular phone, Bluetooth, WiFi, IR, etc.), virtual reality, augmented reality, gaming, eye tracking, pupil monitoring, lens control, automated reminder, visible and/or non-visible lighting, lasing, IR and/or thermal detection, and alarm, any of which may be provided to a user via the eyewear.

[0013] In embodiments, the electronic device is configured to provide at least one of virtual reality and augmented reality to a user via the eyewear.

[0014] In embodiments, each application module may include its own circuitry and logic sufficient to control the function of the application module, and/or to control function of a device included within the eyewear frame.

[0015] In embodiments, the attachment mechanism may include one or more of pins, detents, rails, magnets, sockets, or other means known in the art for joining small components together, preferably in a releasable manner.

[0016] In embodiments, the application module may be configured to provide a recognizable signal, and/or may include a recognizable feature, such that the eyewear can determine the function of the application module, a type of the application module, and/or variable capabilities of the application module.

[0017] In embodiments, the application module may be substantially water resistant, sweat resistant, water proof, and/or wear resistant.

[0018] According to further aspects of the invention, an eyewear system may be provided including an eyewear frame with a docking station, and an application module adapted to be mounted to the docking station. In embodiments, the eyewear frame may include an electronic connector including a first set of preconfigured application connection points, and the application module may include an electronic device configured to perform a function and a second set of preconfigured application connection points corresponding to at least some of the first set of preconfigured application connection points. In embodiments, the second set of preconfigured application connection points may include at least two different sub-function connections used to support the function of the electronic device.

[0019] In embodiments, the application connection points may be configured to attach to a universal connector cable. In embodiments, the eyewear system may further include the universal connector cable. In embodiments, the eyewear frame may be configured to connect to the universal connector cable, and for connecting the application connection points to the universal connector cable.

[0020] In embodiments, the application connection points of the application module may be configured to connect directly to corresponding application connection points of the eyewear frame.

[0021] In embodiments, the different sub-function connections may include at least two of power supply, audio out, audio in, audio ground, video out, and video in. In embodiments, the different

sub-function connections may further include data output, data input, control signal output, and/or control signal input.

[0022] In embodiments, the different sub-function connections may preferably include a power supply configured for the application module to receive at least one of operating power and recharging power from the eyewear frame.

[0023] In embodiments, the function of the electronic device may include at least one of audio playback, audio recording, acoustic amplification, acoustic canceling, hearing aid, video playback, video recording, photography, fall detection, alertness monitoring, pedometer, geo-location, pulse detector, wireless communication, virtual reality, augmented reality, gaming, eye tracking, pupil monitoring, lens control, automated reminder, lighting, lasing, and alarm.

[0024] In embodiments, the eyewear frame may include a lens, and the electronic device may be configured to at least partially control said lens. For example, the lens may be an electro-active lens and the electronic device may be configured to control a focus, tint or other change of the lens based on sensed conditions (such as lighting) and/or user commands. In other embodiments, the lens may have built in display functions that can be controlled by the electronic device, such as with virtual or augmented reality, or gaming.

[0025] In embodiments, the eyewear lens may be one of a dynamic focusing lens, static focusing lens, tinted lens, photochromic lens, electrochromic lens, thermochromic lens, or display.

[0026] In embodiments, the eyewear frame may include a speaker, and the electronic device may be configured to provide an audio signal to the speaker.

[0027] In embodiments where the eyewear frame includes at least one of a speaker and a lens, the electronic device may be configured to provide at least one of virtual reality and augmented reality to a user via the speaker and/or lens.

[0028] In embodiments, the eyewear frame may include one or more of removable or fixed storage media, a communication device, a power source, a microphone, a bone-phone, a microprocessor,

[0029] In embodiments wherein the eyewear frame includes a power source, the power source may be, for example, a rechargeable battery, disposable battery, fuel cell, solar cell, or kinetic energy source.

[0030] In embodiments, the eyewear frame may be configured to determine one or more of the function of the application module, a type of the application module, and/or variable capabilities of the application module based on a recognizable signal from, or other characteristic of, the application module.

[0031] In embodiments, the docking station and/or application module may be configured to convert the application module from a non- functioning application module into that of a functioning application module upon being docked to said docking station.

[0032] According to further aspects of the invention, an electronic eyewear system to be worn by a wearer is provided, whereby said electronic eyewear system comprises a means of securing said eyewear to the head of a wearer, an eyewear front, a docking station which is part of said eyewear, a plurality of application device modules which each can fit into said docking station one at a time and whereby the docking station provides for enabling the routing of electrical power to the application device module.

[0033] In embodiments, the application device modules devices may be utilized more than one at a time while the eyewear is being worn by a wearer.

[0034] Embodiments may further include a controller configured to be connected to the application device modules.

[0035] Embodiments may further include a multi-function connector configured to connect to the application device modules, and to provide at least two functions to the application device modules via said controller.

[0036] In embodiments, the application device modules may include at least one camera and at least one microphone.

[0037] In embodiments, the application device modules may include at least two cameras configured to be mounted for stereoscopic imaging.

[0038] In embodiments, the application device modules may include at least two hearing aids configured to be mounted in proximity to opposite ears of the wearer.

[0039] The application device modules may include one or more of still photo camera, video camera, digital audio player, display, projector, hearing aid, fall detector, alertness monitor, pedometer, pulse detector, cell phone, audio system, communication system, video system, music

system, audio system, CO2 detector, poor air quality alert device, bad breath detector, thermometer, refractive error measurement device, GPS system, virtual reality system, augmented reality system, gaming system, eye tracking device, pupil monitor device, sensor, smoke detector, pill reminder, medication reminder, speaker, light, laser.

[0040] In some embodiments, the eyewear system can include an intermediate electrical contact. A functional member of the eyewear (e.g. active lens, speaker, sensor, microprocessor, or other device located in the eyewear frame) can include an electrical connector, and the intermediate electrical contact can connect the electronics of the application module to the functional member. The intermediate electrical contact can be a plug-and-receptacle electrical contact. In some embodiments, the intermediate electrical contact is located at one of: a rim of the eyewear, the rear 1/3 of the temple, the middle of the temple, the forward 1/3 of the temple, the rim lock or hinge, of the eyewear, a surface of the optical functional member, a frame front of the eyewear, an electronic display, an electronic controller, and between the rim and the lens of the eyewear.

[0041] In some embodiments, the eyewear frame can include a temple and a rimlock. In those embodiments, the functional member of the eyewear can be located in the temple, and a connective element can be routed from the application module through the rimlock to the optical functional member. In some embodiments, the rimlock includes an upper rimlock and a lower rimlock, and the connective element is routed between the upper rimlock and the lower rimlock. The rimlock can include upper rimlock and a lower rimlock, and the connective element can form a layer between the upper rimlock and the lower rimlock. The layer can be insulating. In some embodiments, the connective element can be a conductive compressible member that can be conductive rubber. In some embodiments, the connective element comprises a multi-conductor cable.

[0042] Additional features, advantages, and embodiments of the invention may be set forth or apparent from consideration of the following detailed description, drawings, and claims. Moreover, it is to be understood that both the foregoing summary of the invention and the following detailed description are exemplary and intended to provide further explanation without limiting the scope of the invention claimed. The detailed description and the specific examples, however, indicate only preferred embodiments of the invention. Various changes and

modifications within the spirit and scope of the invention will become apparent to those skilled in the art from this detailed description.

DESCRIPTION OF THE DRAWINGS

[0043] The accompanying drawings, which are included to provide a further understanding of the invention, are incorporated in and constitute a part of this specification, illustrate embodiments of the invention and together with the detailed description serve to explain the principles of the invention. No attempt is made to show structural details of the invention in more detail than may be necessary for a fundamental understanding of the invention and various ways in which it may be practiced. In the drawings:

[0044] FIG. 1 illustrates an exemplary application module in accordance with an aspect of the present invention.

[0045] FIG. 2A illustrates a portion of an exemplary eyewear frame temple, including a docking station and connection points in accordance with an aspect of the present invention.

[0046] FIG. 2B illustrates a portion of an exemplary eyewear frame temple, such as shown in FIG. 2A, including a docked application module in accordance with an aspect of the present invention.

[0047] FIG. 3 is a top-down view of an exemplary frame including earbuds and docked application modules connected to connection points of the frame in accordance with an aspect of the present invention.

[0048] FIG. 4 illustrates a portion of a frame including a docking station in accordance with an aspect of the present invention.

[0049] FIG. 5 illustrates a portion of a frame including a docking station and exposed connection points in accordance with an aspect of the present invention.

[0050] FIG. 6 illustrates a portion of a frame including an earbud and a docked application module connected to connection points of the frame using a universal connector in accordance with an aspect of the present invention.

[0051] FIG. 7 illustrates a portion of a frame including a docking station in accordance with an aspect of the present invention.

[0052] FIG. 8 illustrates a portion of a frame including an earbud and a docked application module connected to connection points of the frame using a universal connector in accordance with an aspect of the present invention.

[0053] FIG. 9 illustrates a portion of a frame including a docking station track in accordance with an aspect of the present invention.

[0054] FIG. 10 illustrates a portion of a frame including a docking station track in accordance with an aspect of the present invention.

[0055] FIG. 11 illustrates a portion of a frame including a docked application module and a removable functional member in accordance with an aspect of the present invention.

[0056] FIG. 12 illustrates a portion of a frame including a docked application module camera connected to connection points of the frame using a universal connector in accordance with an aspect of the present invention.

[0057] FIG. 13 is a top-down view of an exemplary frame including a docked application module that is connected to connection points on one side of the frame, and in communication with electronics on an opposite side of the frame, in accordance with an aspect of the present invention.

[0058] FIG. 14 is a schematic diagram of an electronics module including a wireless transceiver in accordance with an aspect of the present invention.

[0059] FIG. 15 is a schematic diagram of portions of an eyewear system in accordance with an aspect of the present invention.

DETAILED DESCRIPTION

[0060] It is understood that the invention is not limited to the particular methodology, protocols, etc., described herein, as these may vary as the skilled artisan will recognize. It is also to be understood that the terminology used herein is used for the purpose of describing particular embodiments only, and is not intended to limit the scope of the invention. It also is to be noted that as used herein and in the appended claims, the singular forms "a," "an," and "the" include the plural reference unless the context clearly dictates otherwise. Thus, for example, a reference to "a module" is a reference to one or more modules and equivalents thereof known to those skilled in the art.

[0061] Unless defined otherwise, all technical terms used herein have the same meanings as commonly understood by one of ordinary skill in the art to which the invention pertains. The embodiments of the invention and the various features and advantageous details thereof are explained more fully with reference to the non-limiting embodiments and examples that are described and/or illustrated in the accompanying drawings and detailed in the following description. It should be noted that the features illustrated in the drawings are not necessarily drawn to scale, and features of one embodiment may be employed with other embodiments as the skilled artisan would recognize, even if not explicitly stated herein. Descriptions of well-known components and processing techniques may be omitted so as to not unnecessarily obscure the embodiments of the invention. The examples used herein are intended merely to facilitate an understanding of ways in which the invention may be practiced and to further enable those of skill in the art to practice the embodiments of the invention. Accordingly, the examples and embodiments herein should not be construed as limiting the scope of the invention, which is defined solely by the appended claims and applicable law. Moreover, it is noted that like reference numerals reference similar parts throughout the several views of the drawings.

[0062] Some terms that are used herein are described in further detail as follows:

[0063] As used herein, the term "approximately" may refer to plus or minus 10 percent, inclusive. Thus, the phrase "approximately 10 mm" may be understood to mean from 9 mm to 11 mm, inclusive. As used herein, the term "substantially" may refer to plus or minus a percent that is recognized as within manufacturing tolerances or other unintended or inconsequential variations.

[0064] As used herein, the term "comprising" is not intended to be limiting, but may be a transitional term synonymous with "including," "containing," or "characterized by." The term "comprising" may thereby be inclusive or open-ended and does not exclude additional, unrecited elements or method steps when used in a claim or to describe an embodiment. For instance, in describing a method, "comprising" indicates that the claim is open-ended and allows for additional steps. In describing a device, "comprising" may mean that a named element(s) may be essential for an embodiment, but other elements may be added and still form a construct within the scope of a claim. In contrast, the transitional phrase "consisting of excludes any element, step, or ingredient not specified in a claim. This is consistent with the use of the term throughout the specification.

[0065] As used herein, a "conductive path" refers to a continuous path for which electrons (i.e. current) may flow from one point to another. The conductive path may comprise one component, or more than one component. For instance, a conductive path may comprise portions of a lens housing, a temple, a hinge, a lens, and/or conductive material disposed between (or within) some or all of the components.

[0066] As used herein, "coupled" may refer to any manner of connecting two components together in any suitable manner, such as by way of example only: attaching (e.g. attached to a surface), disposing on, disposing within, disposing substantially within, embedding within, embedded substantially within, etc.. "Coupled" may further comprise fixedly attaching two components (such as by using a screw, an adhesive, or embedding a first component into a second component during a manufacturing process), but does not so require. Two components may be coupled temporarily simply by being in physical contact with one another. Two components are "electrically coupled" or "electrically connected" if current can flow from one component to another. That is, the two components do not have to be in direct contact such that current flows from the one component directly to the other component. There may be any number of other conductive materials and components disposed electrically between two components "electrically coupled" so long as current can flow there between.

[0067] As used herein, a "dynamic lens" may refer to a lens with an optical power which is alterable with the application of electrical energy, mechanical energy or force. Either the entire lens may have an alterable optical power, or only a portion, region or zone of the lens may have an alterable optical power. The optical power of such a lens is dynamic or tunable such that the optical power can be switched between two or more optical powers. The switching may comprise a discrete change from one optical power to another (such as going from an "off' or inactive state to an "on" or active state) or it may comprise continuous change from a first optical power to a second optical power, such as by varying the amount of electrical energy to a dynamic element (e.g. tunable). One of the optical powers may be that of substantially no optical power. A dynamic lens may also be referred to as a dynamic optic, a dynamic optical element, a dynamic optical zone, dynamic power zone, or a dynamic optical region.

[0068] As used herein, an "eyewear frame" is intended to generally refer to a complete wearable housing that secures at least one element in a location relative to the wearer's eyes when being

worn such that the wearer can see, or see through, the element. The eyewear frame may comprise elements such as a first and second temple, a lens housing that is configured to support a lenses, one or more hinges, and any other related component. On the other hand, a "spectacle frame" may refer to a complete wearable housing that secures spectacle lenses and aligns them in the proper place relative to the wearer's eyes when being worn. The frame may comprise elements such as a first and second temple, a lens housing that is configured to support the spectacle lenses, one or more hinges, and any other related component.

[0069] As used herein, a "lens" may refer to any device or portion of a device that causes light to converge or diverge. The device may be static or dynamic. A lens may be refractive or diffractive. A lens may be concave, convex or plano on one or both surfaces. A lens may be spherical, cylindrical, prismatic or a combination thereof A lens may be made of optical glass, plastic or resin. A lens may also be referred to as an optical element, an optical zone, an optical region, an optical power region or an optic. It should be noted that within the optical industry a lens can be referred to as a lens even if it has zero optical power. Moreover, a lens may refer to both intra-ocular and extra-ocular components.

[0070] As used herein, a "lens housing" may refer to a part of the frame that is configured or adapted to support or hold the first and the second lenses in place (preferably firmly in place). The lens housing may also comprise the part of the frame to which the temples attach. The lens housing may comprise any component or material adapted to support the lenses, including, for example, screws, nylon monofilament, eye-wire, etc. or any combination thereof. The lens housing may comprise any material, including metal or plastic. A lens housing may be included in any type of frame design, including fully rimmed, semi-rimless, and rimless. In some embodiments, the lens housing may also include the bridge, such as when the lens housing comprising a single component or two components that support both the first and the second lens.

[0071] As used herein, a "multi-focal lens" may refer to a lens having more than one focal point or optical power. Such lenses may be static or dynamic. Examples of static multifocal lenses include a bifocal lens, trifocal lens or a Progressive Addition Lens. Examples of dynamic multifocal lenses include electro-active lenses whereby various optical powers may be created in the lens depending on the types of electrodes used, voltages applied to the electrodes and index of refraction altered within a thin layer of liquid crystal. Multifocal lenses may also be a combination

of static and dynamic. For example, an electro-active element may be used in optical communication with a static spherical lens, static single vision lens, and static multifocal lens such as, by way of example only, a Progressive Addition Lens.

[0072] As used herein, an "ophthalmic lens" may refer to a lens suitable for vision correction, which may include a spectacle lens, a contact lens, an intra-ocular lens, a corneal in-lay, and a corneal on-lay.

[0073] As used herein, a "substrate" is a component that is generally well-known in the field of optics. A substrate typically refers to the component of a lens that is first fabricated or provided, and on which additional layers or materials may be deposited. A substrate may have dimensions on the order of millimeters or fractions of millimeters, whereas coatings and other deposited layers on the substrate typically have dimensions (i.e. thicknesses) that are on the order of microns. Examples of substrates may include, for example, lens blanks, semi-finished lens-blanks, or lens wafers.

[0074] Turning to the figures, FIG. 1 illustrates an exemplary application module in accordance with an aspect of the present invention. In particular, application module 100 is adapted to be mounted to an eyewear docking station, examples of which are described further below. In the example shown in FIG. 1, the application module 100 includes docking pins 160 that are configured to plug into corresponding sockets in an eyewear frame (not shown). In embodiments, application module 100 may also be sized to fit within a recess in an eyewear frame, though it can also be attached external to the eyewear frame.

[0075] Application module 100 may include one or more electronic device(s) configured to perform one or more functions such as, for example, of audio playback, audio recording, acoustic amplification, acoustic canceling, hearing aid, video playback, video recording, photography, fall detection, alertness monitoring, pedometer, geo-location, pulse detector, wireless communication (e.g. cellular phone, Bluetooth, WiFi, IR, etc.), virtual reality, augmented reality, gaming, eye tracking, pupil monitoring, lens control, automated reminder, visible and/or non-visible lighting, lasing, IR and/or thermal detection, and alarm, any of which may be provided to a user via the eyewear. One advantage of the present subject matter is that, as discussed further below, a variety of functional modules may be interchanged with an eyewear system using a "universal docking station," which includes a plurality of standardized connection points, e.g. power, audio, video etc.

In embodiments, the audio and/or video may be analog connections. Thus, the modules can be relatively small, lightweight, with reduced processing capability than might otherwise be required, e.g. if the connection only allowed for digital data transmission. In embodiments, the connections may further include data output, data input, control signal output, and/or control signal input. Each application module may include its own circuitry and logic sufficient to control the function of the application module, and/or to control function of a device included within the eyewear frame.

[0076] In preferred embodiments, the electronic device is configured to control an aspect of an electronic lens, and/or provide at least one of virtual reality and augmented reality to a user via the eyewear.

[0077] Returning to FIG. 1, it should be noted that the attachment mechanism including the fixed pins can take many forms, e.g. one or more of pins, detents, rails, magnets, sockets, or other means known in the art for joining small components together, preferably in a releasable manner. These can be configured to secure the application module to a docking station in a relatively fixed position.

[0078] As also shown in FIG. 1, the application module 100 includes a plurality of preconfigured application connection points, also referred to as sub-function connections, in this case power connections 110, audio connections 120, audio ground 130, microphone ground 140, and video 150. In embodiments, the different sub-function connections may include at least two of power supply, audio out, audio in, audio ground, video out, and video in. In embodiments, the different sub-function connections may further include data output, data input, control signal output, and/or control signal input.

[0079] The examples shown in FIG. 1 are merely exemplary, as a variety of such connection points are contemplated as within the scope of the invention. Indeed, it is expected that various application modules will use only a subset of the preconfigured application points which are supported by the eyewear frame. This is intended to, for example, improve with the ease of modularity related to the design. The actual preconfigured application connection points included in a particular application module may include different sub-function connections used to support the function of the electronic device. For example, if the device included in the module is intended to function as a hearing aid, it may typically include a power connection, an audio out connection, and an audio in connection, and may include one or more data/command connections to provide,

for example, additional processing support or functionality. Some non-limiting, but preferable, examples of pre-configured sub-function connections may include a power supply, an audio out, and control input; a data input and a control signal output; a power supply configured for the application module to receive at least one of operating power and recharging power from the eyewear.. In embodiments, the data input may include sensor data, and the application module may be configured to control a lens function of the eyewear via the control signal output based on the data input.

[0080] It should be appreciated that, as discussed further below, the application connection points may be configured to attach to a universal connector cable and/or to connect directly to corresponding application connection points of an eyewear frame.

[0081] The application module 100 may be configured to provide a recognizable signal, e.g. though a data, or other, connection point, and/or may include a recognizable feature (e.g. a variable number/pattern of docking pins, such that the eyewear can determine the intended function of the application module, a type of the application module, and/or variable capabilities of the application module. For example, the eyewear connection points can register circuits, or output, related to any of the pre-configured connection points

[0082] In embodiments, the application module 100 may be substantially water resistant, sweat resistant, water proof, and/or wear resistant. For example, the casing of the application module 100 may be water proof, and each of the connection points may be sealed, individually or collectively, in a manner to make them water resistant, sweat resistant, water proof, and/or wear resistant. The application module 100 may also be configured to be substantially water resistant, sweat resistant, water proof, and/or wear resistant when mounted to the docking station, eyewear frame and/or a universal connector. For example, the application module 100 may include a gasket or other sealing mechanism around the preconfigured application connection points such that when the application module 100 is mounted to the docking station, eyewear frame and/or a universal connector, the application connection points are substantially water resistant or water proof.

[0083] Additional details regarding possible mounting arrangements for the application module 100 are shown in FIGS. 2A and 2B. FIG. 2A illustrates a portion of an exemplary eyewear frame temple 101, including a docking station and connection points in accordance with an aspect of the present invention, and FIG. 2B illustrates a portion of an exemplary eyewear frame temple, such

as shown in FIG. 2A, including a docked application module 100 in accordance with an aspect of the present invention.

[0084] As shown in FIG. 2A, an eyewear frame temple portion 101 may include a recessed portion with docking pin recesses 161 corresponding to one or more of docking pins 160. As noted previously, certain embodiments may allow for the eyewear to detect the type of application module via arrangement of pins/recesses or other means. Therefore, although docking pin recesses 161 are shown corresponding to all docking pins 160, it is also possible for there to be different numbers and arrangements of docking pins/recess among different application modules useable by the same docking station.

[0085] The recess in eyewear frame temple portion 101 also includes preconfigured application connection points, in this case power connections 111, audio connections 121, audio ground 131, microphone ground 141, and video 151. As noted previously, certain embodiments may allow for different application modules to use only a subset of the connection points included in the docking station of the frame. Therefore, although the connection points in FIG. 2A are shown corresponding to all connection points in module 100, it is also possible for there to be different numbers and arrangements of connection points among different application modules useable by the same docking station.

[0086] The preconfigured application connection points included in the recess in eyewear frame temple portion 101 may be configured to directly connect to one or more preconfigured application connection points of the application module when the application module, and/or may be configured to attach to a universal connector cable. The embodiment shown in FIG. 2B represents a possible "direct connect" configuration.

[0087] For clarity the eyewear's docking station is capable of receiving one or more application modules specifically designed to be received by said docking station. In certain cases these application modules may comprise their own electrical power required to operate independently of the eyewear's docking station and in other cases one or more of these application modules will not operate properly when not docked within the eyewear's docking means. It should be pointed out that the inventive docking station disclosed herein is associated and located with the inventive eyewear itself and is not intended to be a docking station which the eyewear itself could be docked to down load information, data, or photos to by way of example only, to that of a computer, or to

become recharged, or to have the eyewear's software upgraded from a docking station to which the eyewear is docked.

[0088] Further, in most cases each application modules has either a similar or identical docking means that fits and provides one or more of the appropriate connectivity (electrical, audio, video, memory) within the eyewear's docking station. However, in certain other cases the docking means located on or near the end of the application device can be of a different design but will still allow for docking and connecting within the eyewear's docking station.

[0089] For clarity the term "docking means" as used herein is that of the architecture / engineering design which allows for the application modules to be attached / connected to the docking station. The "docking station" is the station which receives the docking means of an application device.

[0090] As shown in FIG. 2B, an application module 100 may be mounted to eyewear frame temple portion 101 in the recessed portion with one or more docking pins 160 inserted in docking pin recesses 161. In this case, the application connection points included in the recess, such as power connections 111, are configured to directly connect to the application connection points (not shown) of the application module 100 when the application module is docked.

[0091] FIG. 3 is a top-down view of an exemplary frame including earbuds and docked application modules connected to connection points of the frame in accordance with an aspect of the present invention. As shown in FIG. 3, an eyewear system may be provided including an eyewear frame including lens holder 220, and left and right temple portions. Each of the left and right temple portions include a docking station 210, 211, and a docked application module 226, 236, respectively, adapted to be mounted to the docking station. In this embodiment, each of the left and right temple portions also includes an electronic connector 225, 235, respectively, including a first set of preconfigured application connection points and associated conductive paths, configured to connect application connection points of the modules to the eyewear, or more specifically to application connection points of electronics included in the eyewear temple portions.

[0092] The electronic connectors 225, 235 may be referred to as intermediate electrical contacts, and can include, for example, plug-and-receptacle electrical contacts. In some embodiments, the intermediate electrical contact is located at one of: a rim of the eyewear, the rear 1/3 of the temple, the middle of the temple, the forward 1/3 of the temple, the rim lock or hinge, of the eyewear, a

surface of an eyewear functional member, a frame front of the eyewear, an electronic display, an electronic controller, and/or between the rim and the lens of the eyewear.

[0093] FIG. 3 shows an example of how electronic connectors 225, 235 can be connected at one end to the application modules, and at the other end to electronics modules 224, 234 of the eyewear frame. Electronics modules 224, 234 may take many forms as discussed herein, and, like the application modules may include, for example, one or more of audio playback, audio recording, acoustic amplification, acoustic canceling, hearing aid, video playback, video recording, photography, fall detection, alertness monitoring, pedometer, geo-location, pulse detector, wireless communication, virtual reality, augmented reality, gaming, eye tracking, pupil monitoring, lens control, automated reminder, lighting, lasing, and alarm. Preferably, more robust processing may be included in electronics modules of the frame, thereby reducing the size and/or data or power requirements of the docked application module. Electronics modules 224, 234, or other functional devices included in the eyewear, such as electronic lenses, cameras, displays, microphones, speakers, etc., may be referred to as functional member(s) of the eyewear.

[0094] The application modules 226, 236 and/or electronics modules 224, 234 may include one or more of still photo camera, video camera, digital audio player, display, projector, hearing aid, fall detector, alertness monitor, pedometer, pulse detector, cell phone, audio system, communication system, video system, music system, audio system, CO2 detector, poor air quality alert device, bad breath detector, thermometer, refractive error measurement device, GPS system, virtual reality system, augmented reality system, gaming system, eye tracking device, pupil monitor device, sensor, smoke detector, pill reminder, medication reminder, speaker, light, laser.

[0095] In embodiments, the eyewear frame such as shown in FIG. 3 may include a lens, and the electronic module(s) 224, 234 and/or application module(s) 226, 236 may be configured to at least partially control the lens. For example, the lens may be an electro-active lens and one or more of the modules may be configured to control a focus, tint or other change of the lens based on sensed conditions (such as lighting) and/or user commands. In other embodiments, the lens may have built in display functions that can be controlled by one or more of the modules, such as with virtual or augmented reality, or gaming.

[0096] In embodiments, the eyewear lens may be one of a dynamic focusing lens, static focusing lens, tinted lens, photochromic lens, electrochromic lens, thermochromic lens, or display.

[0097] In embodiments, the eyewear frame may include a speaker, such as earbuds 229, 239, and one or more of the modules may be configured to provide an audio signal to the speaker(s) via audio connectors 228, 238. In certain embodiments, each of application modules 226, 236 may be configured to independently provide audio, lens adjustment, video, etc. to the respective speaker, lens etc. associated with that side of the frame. For example, individually tailored hearing aid functions, prescription adjustment or augmented reality may be independently provided. In embodiments, the customization provided may be improved, at least in part, by independent programming included in electronics modules 224, 234, e.g. different hearing adjustment, or visual correction, while using a standard, functionally equivalent, application module 226, 236.

[0098] In embodiments where the eyewear frame includes at least one of a speaker and a lens, the electronic device may be configured to provide at least one of virtual reality and augmented reality to a user via the speaker and/or lens.

[0099] The frame shown in FIG. 3 also includes power sources 222, 232 in each of the temple portions. The power sources 222, 232 may be connected to application modules 226, 236 to provide operating and/or rechargeable power. However, it should be noted that a single power source may be used to power the one or more application modules etc. The power source(s) may include, for example, one or more of a rechargeable battery, disposable battery, fuel cell, solar cell, or kinetic energy source whereby movement of the eyewear generates power.

[0100] As noted previously, the docking station and/or application module may be configured to convert the application module from a non- functioning application module into that of a functioning application module upon being docked to said docking station. For example, the application modules 226, 236 may be configured such that they are dependent on one or more of power, sensor input, audio input and/or video input from the eyewear frame, or other source, in order to function.

[0101] In embodiments, the application modules 226, 236 may be utilized more than one at a time while the eyewear is being worn by a wearer and/or may include different functionality.

[0102] In embodiments, the eyewear such as shown in FIG. 3 may further include a controller, such as included in electronics modules 224, 234, configured to be connected to the application modules 226, 236, and to provide command signals and/or programming to the application modules 226, 236.

[0103] In some embodiments, the eyewear frame can include a temple and a rimlock. In those embodiments, a functional member of the eyewear can be located in the temple, and a connective element can be routed from the application module through the rimlock to the optical functional member. In some embodiments, the rimlock includes an upper rimlock and a lower rimlock, and the connective element is routed between the upper rimlock and the lower rimlock. The rimlock can include upper rimlock and a lower rimlock, and the connective element can form a layer between the upper rimlock and the lower rimlock. The layer can be insulating. In some embodiments, the connective element can be a conductive compressible member that can be conductive rubber. In some embodiments, the connective element comprises a multi-conductor cable.

[0104] The eyewear of FIG. 3 may include electro-active spectacles or eyeglasses in accordance with an aspect of the present technology. Thus, the spectacles shown in FIG. 3 may be eyeglasses comprising left and right temples and a frame front (the frame front can comprise left and right eyewires or rims, and a bridge, as will be appreciated by one skilled in the pertinent art). Electro-active spectacles and frames of the present technology can be fully rimmed, partially rimmed, or rimless. The spectacles can include a first electro-active lens, and a second electro-active lens. The first and second electro-active lenses can each be an electro-active lens such as described, for example, in U.S. Pat. Appl. No. 12/408,973 (hereinafter the '973 application), filed March 23, 2009, entitled "Electro-Active Diffractive Lens and Method for Making the Same," which is hereby incorporated by reference in its entirety. In general, the first and second electro-active lenses can be any lens or optic capable of changing, varying or tuning the optical power they each provide with the application of electricity.

[0105] The right temple portion can be considered to be a first temple portion that is positioned adjacent to the first electro-active lens. The left temple portion can be considered to be a second temple portion that is positioned adjacent to the second electro-active lens. The bridge can be considered to be part of the frame or to be a separate portion of the spectacles that connects, joins or supports the first and second electro-active lenses. The spectacles can include one or more power sources, e.g. 222, 232 or others, for powering the first and second electro-active lenses. As an example, each power source can include one or more batteries (e.g., conventional rechargeable batteries and/or solar batteries). The spectacles can also include electronics, such as in electronics modules 224, 234, or included in the application modules 226, 236, that can govern operation of

the electro-active lenses. The electronics can comprise one or more control units (e.g., a control unit matched to each electro-active lens) to determine when to activate and when to deactivate the electro-active lenses. The one or more power sources and the electronics of the spectacles can be housed or contained within, or on, any portion of the frame or included in the application modules 226, 236. The one or more power sources and the one or more control units of the spectacles can be grouped together or distributed or dispersed in any manner within, throughout, or on the frame or included in the application modules 226, 236.

[0106] The operation of the electro-active lenses can be synchronized (even if independently programmed). That is, the one or more control units housed in the frame or included in the application modules 226, 236,can coordinate the activation and deactivation of the electro-active lenses such that the electro-active lenses are activated or deactivated at substantially the same time.

[0107] The one or more control units housed in the frame or included in the application modules 226, 236, can automatically operate (e.g., activate and deactivate) the electro-active lenses 104 and 106. As an example, the electro-active lenses 104 and 106 can be activated or deactivated based on a user's head tilt as sensed by the one or more control units. The one or more control units can also enable a user to interact with the electro-active lenses 102 and 104. As an example, a user can manually activate or deactivate the electro-active lenses 104 and 106, override automatic operation of the electro-active lenses 104 and 106, place the electro-active spectacles 100 into a standby mode (in which the electro-active lenses 104 and 106 are neither automatically or manually activated or deactivated), or power off the electro-active spectacles 100.

[0108] The electronics of the electro-active spectacles can include a processor, memory, a power source (e.g., a battery), a gyroscope, and an accelerometer. As previously mentioned, these components can be grouped together or can be distributed within different portions of the frame or included in the application modules 226, 236. As an example, all or a portion of these components can be grouped together to form a self-contained electronic module. The electro-active spectacles can comprise a single electronic module that governs synchronized operation of both the first and second electro-active lenses. Alternatively, operation of the first electro-active lens can be governed by a first electronic module and operation of the second electro-active lens can be governed by a second electronic module. Under this scenario, the first and second electronic modules may be configured to communicate using one or modes of electrical connectivity (e.g.,

wire(s) embedded within a portion of the frame, conductive portion(s) of the frame, conductive metal layer(s) or core(s) encapsulated by non-conductive material, conductive layer(s) of the electro-active lens(es), optical link(s), wireless radio frequency or magnetic field communication).

[0109] It is noted that, in some cases, only one docking station may be provided with the eyewear, whereas in other embodiments multiple docking stations may be provided. In one preferred embodiment of the invention one temple may be utilized for housing an electronic module which controls or alters the optics and/or tint of the eyewear's lenses and a docking station is located on, partially in, or fully embedded in the other temple. In another preferred embodiment of the invention one temple is utilized for housing an electronic module which controls or alters the optics and/or tint of the eyewear's lenses, and a docking station is located on, partially, in or fully embedded within the other temple. In yet another embodiment, such as shown in FIG. 3, two docking stations are provided such that, by way of example only, one can be located with the right temple and one located with the left temple. By way of example only, one example of such eyewear utilizing two docking stations is the use of two cameras; one located in each docking station for the purposes of providing 3D photos, or video. In certain cases when two cameras are utilized a prism lens or lenses may associated such to spread out the horizontal distance angle of the object which the camera are taking a picture of Another example would be the use of two docking stations, one on each temple to provide attachable, detachable hearing aids. And still another example only, would be the use of two docking stations to provide attachable, detachable speakers which could then be adjusted to be positioned in or near each of the wearer's ears. The speakers can be those of earbuds and can be spring loaded retractable and / or extendable.

[0110] The inventive docking means allows for one or two hearing aids to be used by the wearer. In certain embodiments one hearing aid application device module drives two earbuds or speakers (one in each end of the temple). In another embodiment two hearing aid application device modules each drive one earbud or speaker. Thus both are provided for the wearer but each earbud or speaker is driven by one hear aid application device module.

[0111] FIG. 4 illustrates a temple portion of a frame including a docking station in accordance with an aspect of the present invention. FIG. 4 may be understood as illustrating a side view of a left temple portion with a hinge portion 208, with some similar features to that depicted in FIG. 3. As shown in FIG. 4, the temple portion can comprise a docking station 210, a cover 202 for

covering internal electronic components of the temple portion (e.g. the electronics module 224, power source 222 and/or preconfigured connection points as described herein. In the embodiment shown in FIG. 4, an access door 206 for accessing the preconfigured connection points is closed.

[0112] FIG. 5 illustrates the temple portion shown in FIG. 4, with the access door 206 opened. In this view, the access door 206 is opened for accessing the preconfigured connection points 214 such that the universal connector cable may be attached to the electronics module of the eyewear, or such that a properly configured application module may be directly connected to the preconfigured connection points.

[0113] FIG. 6 is a partial cut away view illustrating a temple portion of a frame including a docked application module docked to docking station 210 in accordance with an aspect of the present invention. As shown in FIG. 6, an application module may be docked to docking station 210, and connected to connector 225 with cover 202 at least partially opened. The internal electronics module 224, power source 222 are also shown. In the embodiment shown in FIG. 6, the temple portion 200 also includes retractable earbud speaker 229 with a spring loaded connector 227 and audio path 228.

[0114] FIG. 7 illustrates a right temple portion 201 of a frame including a docking station in accordance with an aspect of the present invention. FIG. 7 may be understood as illustrating a side view of an opposite temple portion from that shown in FIG. 4, with a hinge portion 209. As shown in FIG. 7, the right temple portion can comprise a docking station 211, a cover 203 for covering internal electronic components of the right temple portion (e.g. the electronics module 234, power source 232 and/or preconfigured connection points as described herein. In the embodiment shown in FIG. 7, an access door 207 for accessing the preconfigured connection points is closed.

[0115] FIG. 8 is a partial cut away view illustrating a temple portion of a frame including a docked application module docked to docking station 211 in accordance with an aspect of the present invention. As shown in FIG. 8, an application module may be docked to docking station 211, and connected to connector 235 with cover 207 at least partially opened. The internal electronics module 234, power source 232 are also shown. In the embodiment shown in FIG. 8, the temple portion 201 also includes retractable earbud speaker 239 with a spring loaded connector 237 and audio path 238.

[0116] It should be noted that the temple portions illustrated in FIGS. 4-8 may be configured to partially or fully receive the application module, or to mount the application module without receiving any portion of the application module. In embodiments, where the application module is fully received in the temple portion, it may be covered by a slidable cover such as 202.

[0117] As described above, the electronic module of the frame such as 224, 234, can include various electronics components. The electronic module 224, 234can be positioned near the front temple of the frame. The electronic module 224, 234 can be positioned within the frame (e.g., in an area or cavity of the frame) and can be removable and replaceable. Alternatively, the electronic module 224, 234 can be built into the frame and form a part of the frame. The electronic module 224, 234 can be located on an outer portion of a temple of the frame (further from a wearer) or can be located on an inner portion of the temple of the frame (closer to the wearer). The electronic module can be positioned on a left temple or a right temple of the frame (i.e., on either side of the frame). The electronic module 224, 234, when inserted into the temple of the frame, can be flush with the other portions of the frame. All or a portion of the electronic components used to operate electro-active lenses or other eyewear functional members can be contained within the electronic module.

[0118] In some embodiments of the present technology, a first electrical connection (e.g., comprising one or more conductive links or wires) can be used to provide connectivity between one or more power sources of spectacles and one or more electronic modules and a second electrical connection (e.g., comprising one or more conductive links or wires) can be used to provide connectivity between one or more electronic modules and one or more electro-active lenses (e.g., electro-active lenses). For example, a battery positioned within the frame can be coupled to an electronic module also positioned within the frame using a first conductive link. A second, distinct conductive link (e.g., electrically isolated from the first conductive link) can be used to couple the electronic module to the electro-active lenses.

[0119] FIG. 9 illustrates a right temple portion 501 of a frame including a track docking station 511 in accordance with an aspect of the present invention. FIG. 9 may be understood as illustrating a side view of a temple portion, with a hinge portion 509. As shown in FIG. 9, the right temple portion can comprise a track docking station 511, with a release mechanism 505 for releasing a docked application module (not shown) and/or adjusting a cover over the track. In the embodiment

shown in FIG. 9, the preconfigured connection points may be included inside the mounting track and a plurality of application modules may be mounted to and/or adjusted along the track. All or part of the track may be covered by a moveable cover via actuation of the release mechanism 505.

[0120] FIG. 10 illustrates a left temple portion 500 of a frame including a track docking station 510 in accordance with an aspect of the present invention. FIG. 10 may be understood as illustrating a side view of a temple portion, with a hinge portion 508. As shown in FIG. 10, the left temple portion can comprise a track docking station 510, with a release mechanism 504 for releasing a docked application module (not shown). In the embodiment shown in FIG. 10, the preconfigured connection points may be included inside the mounting track 502 and a plurality of application modules may be mounted to and/or adjusted along the track.

[0121] FIG. 11 illustrates a right temple portion 601 of a frame including a docking station in accordance with an aspect of the present invention. FIG. 11 may be understood as illustrating a side view of a right temple portion, with a hinge portion 609. As shown in FIG. 11, the right temple portion can comprise a docked application module 636, electronics module 634, power source 632 and/or preconfigured connection points as described herein. In the embodiment shown in FIG. 11, supplemental power source 639, which may be removable, is also included at an end of the temple portion and connected to the eyewear electronics via conductor 638. In embodiments, the supplemental power source 639 may be, instead a memory, or other supplemental device.

[0122] FIG. 12 illustrates a left temple portion of a frame including a docked camera 826. Camera 826 may be configured for capturing still images or video, or may simply provide an optical path, e.g. fiber optics, for camera circuitry included in the frame. Camera 826 may include a microphone as well for audio recording. As shown in FIG. 12, the temple portion can comprise a docked camera 826, electronics module 824, power source 822 and/or preconfigured connection points as described herein. It should be appreciated that a similar right temple portion may also be provided for stereoscope imaging.

[0123] FIG. 13 is a top-down view of an exemplary frame including earbuds and a single docked application module connected to connection points of the frame in accordance with an aspect of the present invention. As shown in FIG. 13, an eyewear system may be provided including an eyewear frame including lens holder 241, and left and right temple portions. Right temple portion include a docking station 211, and a docked application module 240, adapted to be mounted to the

docking station. In this embodiment, the right temple portions includes an electronic connector 235, including a first set of preconfigured application connection points and associated conductive paths, configured to connect application connection points of the module to the eyewear, or more specifically to application connection points of electronics 234 included in the eyewear temple portion. In this embodiment, a connector 242 is also included for simultaneous control of left temple functional members by the application module 240, e.g. electronics 224, or speaker 229 via audio connection 228, while controlling right temple functions via electronics 234, speaker 239 via audio connection 238. Application module 240 may be powered by either or both of power sources 222, 232.

[0124] As further shown in FIG. 13, the frame can include conductive leads 228 and 238 and conductive link 242. Conductive link 242can provide electrical connectivity from one side of the frame to the other side of the frame. The conductive link 242 can be embedded or positioned within the frame. The conductive link 242can include any number of conductive elements (e.g., wires) that can be insulated or not insulated. If the frame uses driver electronics on each side of the frame (e.g., a master and slave driver electronics or electronic modules) then as few as only one single wire can comprise the conductive link). If the frame has driver electronics on only one side of the frame, then at least two wires or conductive elements can be used. The conductive link can be positioned inside the frame in accordance with any suitable methods for embedding conductive links including, but not limited to, (1) embedding during a mold casting process; (2) embedding during an assembly process of the front frame portion of the frames; and (3) embedding after assembly of the frames by providing a groove or route for the conductive link. The conductive link can also use or can alternatively comprise the conductive layers of the lenses of the present technology that can be positioned into the frames.

[0125] The docking station can comprise a wireless communication component, such as a Bluetooth chip or circuit, such to enable wireless communication between the docked application device module (application module) and a remotely located device, such as by way of example only, cell phone, smart phone, computer, automobile, iPad, tablet, watch, television, security system, radio. The application module which is docked within the docking station can comprise a wireless chip of circuit such to enable wireless communication between the docked application device module (application module) and a remotely located device, such as by way of example only, cell phone, smart phone, computer, automobile, iPad, tablet, watch, television, security

system, radio. When the application device (application module) comprises the wireless chip or circuit it is not necessary that the docking station comprise such a chip or circuit. Various wireless means are well known and understood in the communication art. Bluetooth 4.0 is low power with a communication range of 30 feet or less. In the invention, Bluetooth 4.0 has been shown to be highly effective allowing either wireless communication from the docking station to a remote Bluetooth enabled device or from the application device module to a Bluetooth enabled device. While the invention disclosure teaches Bluetooth 4.0 it should be understood that this invention disclosure anticipates new evolving Bluetooth versions that will come in the future and is not intended to be limited to Bluetooth 4.0 or for that matter Bluetooth. Any and all wireless communication protocol (including by way of example only, RFID) is meant to be included within the scope of the patent application and can be included within the application device module (which can be docked within the docking station), within the docking station, (one of the other or both).

[0126] In one embodiment of the invention the wearer of the wireless enabled eyewear comprising either the wireless chip or circuit being comprised within the docking station or the application device module docked in the docking station walks into (by way of example only, his or her home after being at work all day) and the remote wireless enabled devices located within his or her home communicate and recognize the presence of the wearer. Upon such recognition the remote wireless enabled devices located with the home can do one or more of the following: adjust the light, temperature, audio devices, video devices to that of the wearer's predetermined desires upon the entry of the wearer into his or her home. In another embodiment of the invention the wearer of the wireless enabled eyewear enters his or her automobile and the remote wireless enabled devices located within the automobile can (by way of example only) do one or more of the following: adjust the seat, radio, temperature, limit maximum speed, awake wearer should wearer fall asleep. In another embodiment of the invention the wearer of the wireless enabled eyewear enters his or her password, turns on his or her computer and the remote wireless enabled devices located within the computer can (by way of example only) do one or more of the following: adjust the brightness, volume, font size, access email. In still another embodiment of the invention one application device module docked within the docking station comprising a wireless chip or circuit communicates wirelessly with another application device module comprising a wireless chip or circuit such that a function of the eyewear can be wirelessly enabled. By way of example only, one hearing aid

located on the right temple of the eyewear communicated with a hearing aid located on the left temple of the eyewear.

[0127] For clarity it is important to point out that the invention disclosed herein allows for the application module to not only communicate wirelessly with a remote wireless enabled device, but also at the same time provide the desired functionality for the wearer by way of the application device module which is docked within the docking station. By way of example only, an application module being that of a wireless enabled personal assistant module docked within the docking station of the inventive eyewear (upon a verbal question raised orally by the wearer of the inventive eyewear about the weather) by way of a miniature microphone, voice recognition chip contained within the personal assistant device module and also a wireless chip or circuit also contained within the personal assistant device module could communicate to the wearer's wireless enabled computer or smart phone to address any number of questions of the wearer. By way of example only, to look up the weather on the internet wirelessly and then answer the question about the weather through the speakers or ear buds located within the inventive eyewear. In this case certain of electrical power and audio are provided by the inventive eyewear located within the electronic module or somewhere else in the inventive eyewear, while the application device module being that of a personal assistant provides for its specialized functionality,

[0128] In certain other cases / embodiments all functionality (including electrical power, audio, voice recognition, Bluetooth capability) is provided by the application device module. Needless to say the diversity of various question such a personal assistant can address are almost limitless. In addition, the wireless enabled personal assistant device module docked within the docking station of the inventive eyewear can be used to provide direction by the wearer of the eyeglasses such that the wearer provides an oral command and the wireless enabled personal assistant communicates wirelessly to a remote wireless enabled device to perform a function; such as by way of example only; change a TV station, radio station, increase the temperature of a room, turn on the car, turn up or down a light, alter the tint of the inventive eyewear, alter the focus of the inventive eyewear. Finally, the invention (in certain embodiments) further contemplates that the wireless enabled personal assistant device module may require the wearer to orally enter a security code of some kind before the personal assistant device module will function properly for certain tasks or for all tasks.

[0129] Figure 14 provides a high level illustrative rendering of a Bluetooth enabled application device module 1010 docked within the inventive eyewear docking station 1020 communicating wirelessly with a remote Bluetooth enabled device 1030 hereby the Bluetooth enabled application device module 1010 communicates to a remote Bluetooth enabled device 1030 and whereby the remote Bluetooth enabled device 1030 communicates back to the Bluetooth enabled application device module 1010. In addition, it shows that the docking station 1020 provides one or more of audio 1023, video 1024, data 1022, memory 1025, electrical power 1021 to the application device module 1010 that is docked in the docking station 1020. Figure 14 provides a high level illustrative rendering of a Bluetooth enabled application device module docked within the inventive eyewear docking station communicating wirelessly with a remote Bluetooth enabled device whereby the Bluetooth enabled application device module communicates to a remote Bluetooth enabled device giving directing it to do something. In addition, it shows that the docking station provides one or more of audio, video, data, memory, electrical power to-the application device module that is docked in the docking station.

[0130] FIG. 15 illustrates additional details regarding an exemplary acoustic processor that may be included in embodiments of the invention. In FIG. 15, Block 902 represents sensors including an acoustic wave sensor. One or more acoustic wave sensors are attached to or embedded in the several locations of the frame, left and right temples in order to collect acoustic signals from different directions. The sensor(s) can converts the acoustic signal from environment into a digital or analogue data signal which can be processed by an electronic processing unit 903. Multiple acoustic sensors can collect more environment sound information from different distances and directions, and allow the electronic processing unit to improve the quality of the sound heard by user. These sensors can be placed in different locations in the front of the eyeglass frame near the temples and nose-bridge.

[0131] The said digital or analogue data signals may be sent to the electronic processing unit 903 through conductive wires which can be attached to or embedded in the frame and/or temple. The conductive wires can also be the parts of the frame and/or temples. These wires can provide drive signals to the speakers or earbuds or to the lenses. Signals can be separated by high pass filters, low pass filters, or a combination thereof.

[0132] A power source as described herein may also be included for providing power to the electronic processing unit 903.

[0133] One or two earphones 904 can be attached or embedded to the one or both eyeglass temples. The electronic processing unit will process the said digital or analogue signals and generate filtered, amplified analog signals which will be sent to earphone(s) 904. Two earphones can provide stereo sound to user.

[0134] The conductive wire(s) can be shared by multiple electronic signals, such as lens drive signals, the digital or analogue signal from the sensors, and output signals from the electronic processing unit to the earphones, after those signals will coded or modulated in space or frequency domain. Said signals may be separated by various filter means to make sure acoustic signals do not affect the electro-active lenses and that drive singles to the electro-active lenses do not affect the earphones.

[0135] The electronic processing unit 903 and power source can be enclosed in one or two application modules as described herein. The electronic processing unit 903 enclosed in the application module, or electronics module of the frame, can be programmed in order to adjust the sound quality and meet the different demands from different customers.

[0136] The inventive eyewear can also, by way of example only, comprise one or more of a vibrating means, energy or power source, microphone, speaker, sensor, docking station, memory down load mean, memory up load means, memory storage means, microprocessor, light or lights.

[0137] The eyewear can comprise a power source which can be, by way of example, one of a rechargeable battery, disposable battery, fuel cell, solar cell, kinetic energy source. The eyewear can comprise an electronic module which is integrated into the eyewear or temple such that the electronic module can comprise one or more of memory storage, electrical power, sensor, microprocessor. The electronic module can be connected to the universal cable which is illustrated in the attached.

[0138] The term application module as used herein to be any device when added to the inventive eyewear that provides one of an improvement, pleasure, or a benefit to or for a wearer of the eyewear.

[0139] The securing means of the inventive eyewear can be that of a strap, a temple, or temples that secure the eyewear to the head of the wearer. The inventive eyewear can be, by way of example only, one of goggles, dress eyeglasses, occupational eyeglasses, shooting eyeglasses, safety eyeglasses, sunglasses. The eyeglasses can comprise any prescription optical power lens including a plano optical power. The lenses can be of today's conventional static focus optics or newer optics having the ability to dynamically change focus such as by way of example only, electronic, fluid, mechanical, membrane or of a conventional static focus (meaning after fabrication the lens cannot alter its optical power). The sunglasses can be those of any tint such as, by way of example only, photochromic, electro-chromic and solid fixed tints.

[0140] The inventive docking system disclosed herein, (of the inventive eyewear also disclosed herein), can be integral with said eyewear, attached to said eyewear, partially or fully housed within said eyewear. The docking station can be located to the inside back of the frame or eyewear front, the outside of one of the temples or the inside of one of the temples. The docking station acts to secure a plurality of different application devices (one at a time or more than one at a time) to the eyewear and in some, but not all, cases provides one or more of electrical power, additional electrical power, memory down load capability, and memory upload capability. The eyewear's docking station provides the ability for one, two, three or more application devices to be docked simultaneously so as to provide the wearer with an optimal and most efficient hands free experience while wearing his or her inventive eyewear. The docking station is located such that when an application device module (which comprises a docking means) is docked a universal cable comprising audio, video, power and a microphone (mic) can be easily attached or connected to the application device module. The universal cable may be housed within the temple and attached directly or indirectly to one or more of a memory storage means, power means, sensor and microprocessor.

[0141] It should also be understood in certain embodiments the inventive docking station only comprises a means for physically securing application devices to the eye wear and enabling the routing of electrical power and information signals between said devices. In certain embodiments the docking station itself does not comprise any printed circuit boards that possess analog or digital circuitry. In other embodiments the inventive docking station comprises printed circuit boards possessing analog or digital circuitry. In still other embodiments of the invention the docking station is capable of docking a plurality of different application devices (either one at a time or

simultaneously), whereby each application device comprises its own circuitry and logic such to control one of memory, power, an audio speaker, audio playback, or video playback, which is contained within the eyeglass frame. Certain of the illustrations which are incorporated are meant to show (but not labeled as such) this memory, power means, data, audio, video being incorporated within the electronic module housed within the temple. However, any one, a combination thereof or all of these features can be located anywhere within the eyewear or frame.

[0142] In some embodiments of the present technology, a water repellent material can be used to inhibit moisture and liquids from filling spaces between components of electro-active eyewear such as rimlock components. Electrically-insulating greases, such Dow Corning ® 111 valve lubricant and sealant, can be useful in this regard. Electrically-insulating grease can be applied while the frame is being assembled. A syringe equipped with a soft plastic tip can be used for application.

[0143] According to an aspect of the present technology, one or more conductive wires can be embedded in the upper rim members, the bridge and/or the lower rim members of electro-active spectacles and frames of the present technology during a mold casting process. That is, when the upper rim members, the bridge and/or the lower rim members are formed using a casting process, one or more conductive wires can be cast over when the upper rim members, the bridge and/or the lower rim members are prepared. Generally, thicker conductive wires can be used during such a process. Nylon is an example material that can be used to mold over one or more conductive wires to from the upper rim members, the bridge and/or the lower rim members.

[0144] According to an aspect of the present technology, one or more conductive wires can be embedded in the upper rim members, the bridge and/or the lower rim members of electro-active spectacles and frames of the present technology as each frame component is assembled. More specifically, any of the upper rim members, the bridge and/or the lower rim members that will be used to embed one or more conductive wires can be fabricated by two or more individual or separate pieces. For example, the upper rim members can be formed from two substantially symmetrical pieces of substantially the same shape - a front piece and a back piece which individually may appear to be a portion of the upper rim member split in half lengthwise. Prior to assembling the front and back pieces to form a complete upper rim member, one or more wires can be embedded (e.g., in a groove formed by mold or machined into the front and/or back pieces)

between the front and back pieces (i.e., at the interface between the front and back pieces). The front and back pieces used to form the complete upper rim member can subsequently be combined, for example, using an adhesive.

[0145] According to an aspect of the present technology, one or more conductive wires can be embedded in the upper rim members, the bridge and/or the lower rim members of electro-active spectacles and frames of the present technology after the frame is assembled. Specifically, one or more grooves can be machined into the upper rim members, the bridge and/or the lower rim members that can be used to contain one or more conductive wires. The machined grooves can then be filled or covered with material to cosmetically hide the conductive wires. The assembled frame can then be polished to hide or mask the area in which the wires are embedded. Acetate is an example material that can be manipulated in this fashion to embed one or more conductive wires.

[0146] In some embodiments, connections can be made from conductive compressible members. Conductive compressible members can include conductive rubber and metal rubber. Metal rubber is a name for conductive plastic polymers with metal ions, it is a self-assembling nano-composite, and is flexible and durable across a broad range of pressures, temperatures, tensions, exposure to chemicals. It retains its properties upon being returned to a ground state. It can carry data and electrical power.

[0147] In some embodiments, the conductive cable itself can be an insulating element.

[0148] While various embodiments of the present technology have been described above, it should be understood that they have been presented by way of example and not limitation. Any conductive element described above (e.g., the upper or lower portions of the frame) can be entirely conductive (and possibly coated with non-conductive material) or can contain an embedded or buried conductive element (e.g., a conductive core) and a non-conductive outer or surrounding layer. Further, any conductive link - e.g., described or referred to as an electrical wire or connection - could alternatively, or in addition thereto, be or include an optical conductive link as will be apparent to one skilled in the pertinent art. The exemplary techniques for coupling or connecting the electrical elements of the electro-active spectacles of the present technology (e.g., the controlling electronics and power supplies and electro-active lenses) using embedded conductive

links can be used to embed one or more conductive optical links (e.g., one or more optical fibers) as will be apparent to one skilled in the pertinent art.

[0149] These applications can be that of, by way of example only, by way of example only, electronic focusing eyeglasses, electro-active eyeglasses, fluid lenses being activated by way of an electronic actuator, mechanical or membrane lenses being activated by way of electronics, electro-chromic lenses, electronic fast tint changing liquid crystal lenses, lenses whose tint can be altered electronically, lenses that by way of an electrical charge can resist or reduce the attraction of dust particles, lenses or eyeglass frames housing or having an electronic display affixed thereto, electronic eyewear providing virtual reality, electronic eyewear providing 3-D capabilities, electronic eyewear providing gaming, and electronic eyewear providing augmented reality.

[0150] Although many embodiments were described above as comprising different features and/or combination of features, a person of ordinary skill in the art after reading this disclosure may understand that in some instances, one or more of these components could be combined with any of the components or features described above. That is, one or more features from any embodiment can be combined with one or more features of any other embodiment without departing from the scope of the invention.

[0151] As noted previously, all measurements, dimensions, and materials provided herein within the specification or within the figures are by way of example only.

[0152] A recitation of "a," "an," or "the" is intended to mean "one or more" unless specifically indicated to the contrary.

[0153] As used herein, reference to a "first" or a "second" does not limit the referenced component to a particular location unless expressly stated. For instance, reference to a "first temple" may comprise the temple located on either the left side or the right side of a wearer's head.

[0154] All publications mentioned herein are incorporated herein by reference to disclose and describe the methods and/or materials in connection with which the publications are cited. The publications discussed herein are provided solely for their disclosure prior to the filing date of the present application. Nothing herein is to be construed as an admission that the present invention is not entitled to antedate such publication by virtue of prior invention. Further, the dates of

publication provided may be different from the actual publication dates, which may need to be independently confirmed.