Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13890809	BLUM ET AL.
	Examiner	**Art Unit**
	GARY O'NEILL	2872

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

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

CLAIM		DATE								
Final	Original	10/31/2014	06/24/2015							
	1	✓	✓							
	2	✓	✓							
	3	✓	✓							
	4	✓	✓							
	5	✓	✓							
	6	✓	✓							
	7	✓	✓							
	8	✓	✓							
	9	✓	✓							
	10	✓	✓							
	11	✓	✓							
	12	✓	✓							
	13	✓	✓							
	14		✓							
	15		✓							
	16		✓							
	17		✓							
	18		✓							

PTO/SB/30 (07-14)
Approved for use through 07/31/2016 OMB 0651-0031
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Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	13/890,809
Filing Date	May 9, 2013
First Named Inventor	Ronald D. BLUM
Art Unit	2872
Examiner Name	O'NEILL, Gary William
Attorney Docket Number	3585.1260000

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, to any international application that does not comply with the requirements of 35 U.S.C 371, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO on page 2.)

1. Submission required under 37 CFR 1.114 Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

   a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☒ Enclosed

      i. ☒ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☐ Information Disclosure Statement (IDS)

      iv. ☐ Other _____

2. Miscellaneous

   a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☒ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 19-0036.

      i. ☒ RCE fee required under 37 CFR 1.17(e)

      ii. ☒ Extension of time fee (37 CFR 1.136 and 1.17)

      iii. ☐ Other _____

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☒ Payment by credit card (Form PTO-2038 enclosed)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	/JPM/	Date	11/6/2015
Name (Print/Type)	John P. McGroarty	Registration No.	41,186

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)		Date	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is 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 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: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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2123056

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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): 3585.1260000

Application Number	Filed
13/890,809	May 9, 2013

For: MOISTURE-RESISTANT EYE WEAR

Art Unit	Examiner
2872	O'NEILL, Gary William

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

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

		Fee	Small Entity Fee	Micro Entity Fee	
[X]	One month (37 CFR 1.17(a)(1))	$200	$100	$50	$ 200.00
[ ]	Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$
[ ]	Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$
[ ]	Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
[ ]	Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$

[ ] Applicant asserts small entity status. See 37 CFR 1.27.

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

[ ] A check in the amount of the fee is enclosed.

[ ] Payment by credit card. Form PTO-2038 is attached.

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

[X] The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 19-0036

[X] Payment made via EFS-Web.

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

I am the

[ ] applicant.

[X] attorney or agent of record. Registration number 41,186

[ ] attorney or agent acting under 37 CFR 1.34. Registration number

Signature — Date: 4/6/2015

John P. McGroarty — Typed or printed name

(202) 371-2600 — Telephone Number

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

[X] * Total of 1 forms are submitted.

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

2123044

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No.: 9971
Mitsui Chemicals, Inc.	Art Unit: 2872
Appl. No.: 13/890,809	Examiner: O'NEILL, Gary William
Filed: May 9, 2013	Atty. Docket: 3585.1260000
For: **MOISTURE-RESISTANT EYE WEAR**	

Submission Under 37 C.F.R. § 1.114

Mail Stop RCE

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Commissioner:

In reply to the Office Action dated July 7, 2015, Applicant submits the following Amendment and Remarks.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any additional fees required to continue prosecution or appeal of this application (including issue fee, fees for net addition of claims or forwarding to appeal) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An eyewear system comprising:

an electronics module comprising electronics for controlling an electrical functional member; and

at least one electrical connective element configured to connect the electronics of the electronics module and the electrical functional member,

wherein, at least one of the electrical connective element and the electronics module is sealed with a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy.

2. (Original) The eyewear system of claim 1:

further comprising at least one intermediate electrical contact,

wherein:

the electrical functional member comprises at least one electrical connector, and

the connective element connects the electronics of the electronics module to the at least one electrical connector of the electrical functional member through the at least one intermediate electrical contact.

3. (Original) The eyewear system of claim 1, wherein the eyewear system is an eyewear frame.

4. (Original) The eyewear system of claim 1, wherein the eyewear system is electronic eyewear including a lens.

5. (Original) The eyewear system of claim 4, wherein the lens comprises the electrical functional member.

6. (Original) The eyewear system of claim 5, wherein the electronic functional member is configured to provide an optical function.

7. (Original) The eyewear system of claim 4, wherein the electronic functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a virtual reality function, an augmented reality function, a gaming function, and an active 3D function.

8. (Original) The eyewear system of claim 1, further comprising the electrical functional member,

wherein:

the electrical functional member comprises at least one electrical connector, and

the connective element directly connects the electronics of the electronics module to the at least one electrical connector of the electrical functional member.

9. (Previously Presented) The eyewear system of claim 2, wherein the intermediate electrical contact is located at one of: a rim of the eyewear, a surface of the electronic functional member, a frame front of the eyewear system, an electronic display, and an electronic controller.

10. (Original) The eyewear system of claim 1, wherein the electronic functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a GPS, an alarm, a hearing aid, a virtual reality function, an augmented reality function, a gaming function, an audio output function, a microphone function, a recording function, a transmitter function, a pedometer, and an active 3D function.

11. (Original) The eyewear system of claim 1, wherein the electrical connective element is a conductive compressible member.

12. (Original) The eyewear system of claim 11, wherein the conductive compressible member is conductive rubber.

13. (Original) The eyewear system of claim 1, wherein the connective element comprises a multiconductor cable.

14. (Previously Presented) The eyewear system of claim 1, wherein the electronics module is sealed.

15. (Canceled)

16. (Currently Amended) The eyewear of claim 1[[15]], wherein the electronic module is sealed with a coating of the material over a portion of the electronics module.

17. (Currently Amended) The eyewear of claim 1[[15]], wherein the electronics module is embedded in the material.

18. (Previously Presented) The eyewear system of claim 1, wherein the electrical connective element is sealed.

Remarks

Reconsideration of this Application is respectfully requested. Upon entry of the foregoing amendment, claims 1–14 and 16–18 are pending in the application. Claim 1 is the independent claim. Claim 1 is amended. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicant respectfully requests that the Office reconsider all outstanding rejections and that they be withdrawn.

Rejections under 35 U.S.C. § 102

A. Claims 1–11, 13, 14, and 18 are patentable over Jannard because Jannard does not disclose an electrical connective element or an electronics module sealed "with a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy" as claimed.

Claims 1–11, 13, 14, and 18 were rejected under 35 U.S.C. § 102 (a)(1) as allegedly being anticipated by U.S. Publication No. 2006/0132382 to Jannard.

Without acquiescing to the propriety of the Office's position, claim 1 is amended to recite that the sealing is "with a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy." This feature is similar to the subject matter recited in now-canceled claim 15. The Office relied on Ikeda (U.S. Patent 4,520,238) to reject now-canceled claim 15. The deficiency of Ikeda and the Office's reliance on Ikeda is discussed below in a different section of this Reply.

With regards to Jannard, the Office conceded that Jannard "fails to explicitly teach sealed with a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy." (Office Action, p. 9.) Thus, Jannard does not disclose the materials as claimed in amended claim 1.

The Office also alleged that Jannard's adhesive is sealing because: (1) Jannard teaches that adhesive can be used to attach a cover, and (2) the present application teaches that adhesives can be used to seal. The Office's logic is flawed for at least two reasons. First, "attaching" with an adhesive does not necessarily require "sealing" – an adhesive can attach two parts while

leaving significant gaps between the parts where the adhesive is not present. Second, an adhesive is not necessarily water resistant. Jannard does not disclose what adhesive is used.

Thus, claim 1 is patentable over Jannard. Claims 2–11, 13, 14, and 18 depend from claim and are patentable over Jannard for at least the same reasons. Applicant respectfully requests that the Office withdraw the § 102(b) rejection of claims 1–11, 13, 14, and 18.

Rejections under 35 U.S.C. § 103

A. Claims 1–11, 13, 14, and 18 are **also patentable over Jannard in view of Ikeda.**

As discussed above, claim 1 is amended to include the limitations of now-canceled claim 15. Thus, amended claim 1 recites "sealed with a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy."

The Office alleged that Jannard discloses an eyewear system having a sealed electronics module but conceded that Jannard does not disclose the features now recited in amended claim 1. (*See* Office Action, p. 9.)

However, the Office relied on Ikeda, alleging that Ikeda "teaches an eyewear system (figures 20-25) which is sealed with a material selected from a group consisting of electrically-insulating...grease, acrylic, silicone, urethane, and epoxy (silicon or epoxy seal, column 9, lines 23, 60, 61)." (Office Action dated July 7, 2015, p. 9.) The Office also stated that "it would have been obvious...to use the epoxy seal as taught by Ikeda along with the eyewear system as taught by Jannard for the purpose of liquid tightly sealing an electric component of an eyewear device." (*Id.* at p. 9.)

Contrary to the Office's assertions, a person of ordinary skill in the art (POSA) would not have been motivated to make the proposed combination.

Ikeda discloses an eyeglass-like microphone assembly for picking up vibrations that are transmitted through the nasal bone. (Ikeda, Abstract.) Ikeda's microphone includes a "plug [that] is fitted into a plug receiving member disposed at one end of a case which is filled with a viscous fluid and then one end is closed liquid tightly." (*Id.* at 7:27–31.) Ikeda's piezoelectric device vibrates in the viscous liquid. (*Id.* at 8:17–29; 7:27–31; 7:67–8:4.) Because Ikeda's device

requires the liquid for the vibration of the piezoelectric device, it is important in Ikeda to provide the case with "one end [that] is closed liquid-tightly." (*Id.* at 7:28–31.) The liquid tight closure of one end of the case keeps the liquid inside the case and contains it in the location that Ikeda needs it to be.

Jannard, on the other hand, does not require this type of liquid-tight closure. Jannard discloses cover members 292 and 262. (*See* Jannard, FIG. 3J; ¶ [0129].) The covers 292 and 262 of Jannard are mechanical parts that attach to the main body and create a cavity. (*Id.* at ¶ [0129]). Unlike Ikeda's case, which is used to retain a liquid, Jannard's cavity is used to receive an electronic circuit board. In Ikeda, the liquid-tight closure of one end of the case is needed because it keeps liquid inside the case. In contrast, there is no reason why a POSA would have modified Jannard's cavity with Ikeda's liquid-tight closure as Jannard does not need to retain any liquid inside its cavity in a liquid-tight manner.

The Office alleged that a POSA would have been motivated to modify Jannard to "liquid tightly seal[ing]" Jannard's electric component. (*See* Office Action, p. 9.) But, the Office also alleged that Jannard discloses a "seal" with covers 292 and 262. (*Id.*) If what the Office alleged is true (which Applicant does not concede), a POSA would *not* have been motivated to modify Jannard with Ikeda because there would have been to need to further seal Jannard's already sealed electrical component.

Accordingly, the Office failed to show a *prima facie* case of obviousness and amended claim 1 is patentable over Jannard in view of Ikeda. Claims 2–11, 13, 14, and 18 depend from claim 1 and are patentable over Jannard and Ikeda for at least the same reasons.

B. Claims 16–17 are patentable for at least the same reasons as claim 1.

Claims 15–17 were rejected under 35 U.S.C. § 103 as allegedly being unpatentable over Jannard in view of Ikeda. Claim 15 is canceled, rendering its rejection moot.

Amended claims 16–17 depend from and add to the features of claim 1. They are patentable over the cited references for at least the same reasons. Applicant respectfully requests that the Office reconsider and withdraw the § 103 rejections of claims 16–17.

C. Claim 12 is patentable over Jannard and Kallman for at least the same reasons as claim 1.

Claim 12 was rejected under 35 U.S.C. § 103 as allegedly being unpatentable over Jannard, further in view of U.S. Patent No. 5,455,638 to Kallman *et al.*

Claim 12 depends from and adds to the features of claim 1. As discussed above, Jannard and Ikeda is deficient with respect to amended claim 1. Kallman does not cure these deficiencies. Thus, claim 12 is patentable over the cited references for at least the same reason as claim 1. Applicant respectfully requests that the Office reconsider and withdraw the § 103 rejection of claim 12.

Conclusion

All of the stated grounds of rejection have been properly traversed. Applicant therefore respectfully requests that the Office reconsider all presently outstanding rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Office believes, for any reason, that personal communication will expedite prosecution of this application, the Office is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

John P. McGroarty
Attorney for Applicant
Registration No. 41,186

Date: 9/16/2015

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

2050332_1.DOCX

Electronic Patent Application Fee Transmittal

Application Number:	13890809
Filing Date:	09-May-2013
Title of Invention:	MOISTURE-RESISTANT EYE WEAR
First Named Inventor/Applicant Name:	Ronald D. Blum
Filer:	John P. McGroarty/Barbera Dooley
Attorney Docket Number:	3585.1260000

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

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

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 1 month with $0 paid	1251	1	200	200
Miscellaneous:				
Request for Continued Examination	1801	1	1200	1200
		Total in USD ($)		**1400**

Electronic Acknowledgement Receipt	
EFS ID:	24013391
Application Number:	13890809
International Application Number:	
Confirmation Number:	9971
Title of Invention:	MOISTURE-RESISTANT EYE WEAR
First Named Inventor/Applicant Name:	Ronald D. Blum
Customer Number:	115626
Filer:	John P. McGroarty/Barbera Dooley
Filer Authorized By:	John P. McGroarty
Attorney Docket Number:	3585.1260000
Receipt Date:	06-NOV-2015
Filing Date:	09-MAY-2013
Time Stamp:	16:16:57
Application Type:	Utility under 35 USC 111(a)

Payment information:

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Payment Type	Credit Card
Payment was successfully received in RAM	$1400
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		3585_1260000.pdf	1114897 e658ae060553812f3241566532bdd138b7e3313f	yes	11

Multipart Description/PDF files in .zip description

Document Description	Start	End
Request for Continued Examination (RCE)	1	1
Extension of Time	2	2
Amendment Submitted/Entered with Filing of CPA/RCE	3	3
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Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	32778 9d39441bd1db1d011b8d8ba75c898d75aa91f156	no	2

Warnings:

Information:

Total Files Size (in bytes):	1147675

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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New International Application Filed with the USPTO as a Receiving Office
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/890,809	Filing Date 05/09/2013	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

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

APPLICATION AS AMENDED – PART II

AMENDMENT	11/06/2015	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 17	Minus	** 20	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X $420 =	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**

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

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

LIE
/DORIAN EVANS/

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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/890,809	05/09/2013	Ronald D. Blum	3585.1260000	9971

115626 7590 12/07/2015

Sterne, Kessler, Goldstein & Fox P.L.L.C.
1100 New York Avenue NW
Washington, DC 20005

EXAMINER	
O'NEILL, GARY WILLIAM	

ART UNIT	PAPER NUMBER
2872	

MAIL DATE	DELIVERY MODE
12/07/2015	PAPER

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

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

Office Action Summary	Application No. 13/890,809	Applicant(s) BLUM ET AL.	
	Examiner GARY O'NEILL	Art Unit 2872	AIA (First Inventor to File) Status Yes

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

Period for Reply

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

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

Status

1)☒ Responsive to communication(s) filed on *11/06/2015*.

☐ 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) *1-14 and 16-18* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-14 and 16-18* 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 *05/09/2013* 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

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

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/06/2015 has been entered.

Response to Arguments

3. Applicant's arguments filed 11/06/2015 have been fully considered but they are not persuasive.

4. First, applicant argues in the second paragraph of page 7 of the Remarks that "…, there is no reason why a POSA would have modified Jannard's cavity with Ikeda's liquid-tight closure as Jannard does not need to retain any liquid inside its cavity in a liquid-tight manner". However, Applicant's argument alleges singular, narrow purposes to the sealing structures disclosed in both Jannard and Ikeda. The examiner agrees that a liquid-tight structure such as disclosed in Ikeda is useful for achieving a positive liquid-

tight seal (as was cited in Ikeda column 9, lines 20-24) for internal liquids, and in addition, a POSA would also understand that a positive liquid-tight seal such as disclosed in Ikeda would also function to provide a positive seal against external liquids via the same sealant structure (for example silicon or epoxy, Ikeda column 9, lines 23, 60, 61) wherein the electronic components contained within the eyewear of Ikeda are also liquid-tightly sealed against external moisture, such as rain, which is known to potentially disrupt normal electrical circuit functions. As an example, Jaax et al. (U.S. Patent Publication 2009/0082835) is a teaching reference which illustrates that a POSA knew before the instant application was effectively filed, the structure wherein electrical circuitry may be molded into an epoxy, silicone, or urethane structure for purposes of both electrical insulation and water resistance in an eyewear device (Jaax, paragraphs 0153, 205; see figures 1A & 95).

5. Second, applicant argues in the third paragraph of page 7 of the Remarks that "…If what the Office alleged is true…, a POSA would not have been motivated to modify Jannard with Ikeda because there would have been to need to further seal Jannard's already sealed electrical component". However applicant misreads the Final Office Action posted 07/07/2015, which states on page 9 in paragraph 32 regarding the subject matter of now cancelled claim 15, that "...Jannard discloses the eyewear system wherein *the electronics module is sealed* … , but fails to explicitly teach *sealed with a material selected from a group….*". In other words, while Jannard indeed teaches sealing of the electronics module, Ikeda is used for disclosing the specific sealing

materials recited in the instant claim (which subject matter is now incorporated into the amended claim 1).

Claim Rejections - 35 USC § 112

6. The following is a quotation of 35 U.S.C. 112(b):
(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claims 1-18 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

8. Claim 1 is rejected for the phrase “configured to” in line 4, which is not a positive limitation, making indefinite the precise relationships of the remaining elements of the claim.

9. Claim 6 is rejected for the phrase “configured to” in line 2, which is not a positive limitation, making indefinite the precise relationships of the remaining elements of the claim.

10. Claims 2-5, 7-14 and 16-18 are also rejected as dependent upon a rejected base claim.

11. The examiner points out that while features of an apparatus may be recited either structurally or functionally, claims directed to an apparatus must be distinguished from

the prior art in terms of structure rather than function. Limitations following "configured to," "adapted for," "designed to," "can be," and "capable of," are statements of intended use are not positive limitations and thus are not given patentable weight. See MPEP 2111.04 and 2114.

Claim Rejections - 35 USC § 103

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

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

13. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103 are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

14. This application currently names joint inventors. In considering patentability of the claims the examiner presumes that the subject matter of the various claims was commonly owned as of the effective filing date of the claimed invention(s) absent any

evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and effective filing dates of each claim that was not commonly owned as of the effective filing date of the later invention in order for the examiner to consider the applicability of 35 U.S.C. 102(b)(2)(C) for any potential 35 U.S.C. 102(a)(2) prior art against the later invention.

15. Claims 1-11, 13, 14 and 16-18 are rejected under 35 U.S.C. 103 as being unpatentable over Jannard (U.S. Patent Publication 2006/0132382) in view of Ikeda (U.S. Patent 4,520,238).

16. Regarding claim 1, Jannard teaches an eyewear system (figures 3J, 3M) comprising: an electronics module (284) comprising electronics for controlling an electrical functional member (page 4, paragraph [0083]; page 15, paragraph [0217]); and at least one electrical connective element (ribbon connector, page 9, paragraph [0149]) configured to connect the electronics of the electronics module and the electrical functional member, wherein, at least one of the electrical connective element and the electronics module is sealed (an adhesive and the like, page 8, paragraph [0129]; page 9, paragraph [0138]), but fails to explicitly teach sealed with a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy. Within the same field of endeavor (eyewear), Ikeda teaches an eyewear system (figures 20-25) which is sealed with a material selected from a group consisting of electrically-insulating (liquid tightly sealing electric device with electric insulation, column 7, lines 53-66) grease, acrylic, silicone, urethane, and epoxy (silicon or epoxy seal, column 9,

lines 23, 60, 61). It would be obvious to one having ordinary skill in the art at the time the invention was made to use the epoxy seal as taught by Ikeda along with the eyewear system as taught by Jannard for the purpose of liquid tightly sealing an electric component of an eyewear device (Ikeda, column 4, lines 40-49; column 9, lines 20-24, 60, 61).

17. Regarding claim 2, Jannard teaches further comprising at least one intermediate electrical contact, wherein: the electrical functional member comprises at least one electrical connector, and the connective element connects the electronics of the electronics module to the at least one electrical connector of the electrical functional member through the at least one intermediate electrical contact (ribbon cable end-piece attaches at printed circuit board mating receptacle, paragraphs [0148, 0149] & figure 3M).

18. Regarding claim 3, Jannard teaches wherein the eyewear system is an eyewear frame (42').

19. Regarding claim 4, Jannard teaches wherein the eyewear system is electronic eyewear including a lens (44, paragraph [0083]).

20. Regarding claim 5, Jannard teaches wherein the lens comprises the electrical functional member (paragraph [0083]).

21. Regarding claim 6, Jannard teaches wherein the electronic functional member is configured to provide an optical function (paragraphs [0083, 0217], figure 8A).

22. Regarding claim 7, Jannard teaches wherein the electronic functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic

display, a sensor, a virtual reality function, an augmented reality function, a gaming function, and an active 3D function (paragraphs [0083, 0217], figure 8A).

23. Regarding claim 8, Jannard teaches further comprising the electrical functional member, wherein: the electrical functional member comprises at least one electrical connector, and the connective element directly connects the electronics of the electronics module to the at least one electrical connector of the electrical functional member (figures 3M, 8A).

24. Regarding claim 9, Jannard teaches wherein the intermediate electrical contact is located at one of: a rim of the eyewear, a surface of the electronic functional member, a frame front of the eyewear system, an electronic display, and an electronic controller (paragraph [0149], figure 3M).

25. Regarding claim 10, Jannard teaches wherein the electronic functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a GPS, an alarm, a hearing aid, a virtual reality function, an augmented reality function, a gaming function, an audio output function, a microphone function, a recording function, a transmitter function, a pedometer, and an active 3D function (paragraphs [0083, 0217], figure 8A).

26. Regarding claim 11, Jannard teaches wherein the electrical connective element is a conductive compressible member (ribbon connector, page 9, paragraph [0149]).

27. Regarding claim 13, Jannard teaches wherein the connective element comprises a multi- conductor cable (ribbon cable, page 9, paragraph [0149]).

28. Regarding claim 14, Jannard teaches wherein the electronics module is sealed (an adhesive and the like, page 8, paragraph [0129]; page 9, paragraph [0138]).

29. Regarding claim 16, Jannard discloses (figures 12-14) the electronic module is sealed with a coating of the material over a portion of the electronics module (isolation via an insulator 146, such that the remainder of the device can be made from any material, Jannard paragraph 0256. See figure 14).

30. Regarding claim 17, Jannard discloses (figures 12-14) wherein the electronics module is embedded in the material (electronic elements 104, 142 are in isolated via an insulator 146, such that the remainder of the device can be made from any material, Jannard paragraphs 0250, 0256. See figure 14).

31. Regarding claim 18, Jannard teaches wherein the electrical connective element is sealed (an adhesive and the like, page 8, paragraph [0129]; page 9, paragraph [0138]).

32. Claim 12 is rejected under 35 U.S.C. 103 as being unpatentable over Jannard (U.S. Patent Publication 2006/0132382) in view of Ikeda (U.S. Patent 4,520,238) as applied to claim 11 above, and further in view of Kallman et al. (U.S. Patent 5,455,638).

33. Regarding claim 12, Jannard in view of Ikeda lacks the explicit teaching wherein the conductive compressible member is conductive rubber. Within the same field of endeavor Kallman teaches an eyewear system (figure 4) wherein the conductive compressible member is conductive rubber (elastomeric conductive strips from Shin-Etsu Polymer America, Inc. "Shin-Flex MAF-Connector", column 13, lines 53-59). It

would be obvious to one having ordinary skill in the art at the time the invention was made to use the elastomeric rubber conductive strips as taught by Kallman within the eyewear as taught by Jannard in view of Ikeda for the purpose of constructing electrochromic eyewear having flexible circuit assemblies for increased reliability and durability under humid conditions (Kallman, column 13, lines 44, 52-57).

Conclusion

34. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

35. Harper (U.S. Patent 6,824,265) discloses eyewear comprising integrated electronic components.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GARY O'NEILL whose telephone number is (313)446-6521. The examiner can normally be reached on Monday - Friday; EST 8:30-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on 571-272-2333. 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.

/GARY O'NEILL/
Examiner, Art Unit 2872
December 2, 2015

Notice of References Cited	Application/Control No. 13/890,809	Applicant(s)/Patent Under Reexamination BLUM ET AL.	
	Examiner GARY O'NEILL	Art Unit 2872	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-4,520,238 A	05-1985	Ikeda; Yasuo	H04R1/46	381/151
*	B	US-5,455,638 A	10-1995	Kallman; William R.	G02C7/101	351/158
*	C	US-6,824,265 B1	11-2004	Harper; Wesley Stephen	G02C11/04	351/158
*	D	US-2006/0132382 A1	06-2006	Jannard; James H.	G02C11/06	345/8
*	E	US-2009/0082835 A1	03-2009	Jaax; Kristen	H02J7/025	607/61
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13890809	BLUM ET AL.
	Examiner	**Art Unit**
	GARY O'NEILL	2872

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

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

CLAIM		DATE								
Final	Original	10/31/2014	06/24/2015	12/02/2015						
	1	✓	✓	✓						
	2	✓	✓	✓						
	3	✓	✓	✓						
	4	✓	✓	✓						
	5	✓	✓	✓						
	6	✓	✓	✓						
	7	✓	✓	✓						
	8	✓	✓	✓						
	9	✓	✓	✓						
	10	✓	✓	✓						
	11	✓	✓	✓						
	12	✓	✓	✓						
	13	✓	✓	✓						
	14		✓	✓						
	15		✓	-						
	16		✓	✓						
	17		✓	✓						
	18		✓	✓						

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 23:28
L2	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 23:51
L3	2	2 and (configured or adapted or designed or capable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 23:52
L4	2	(US-5455638-$ or US-4520238-$).did.	USPAT	OR	ON	2015/12/02 00:43
L5	2	"20060132382".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/02 00:43
L6	1	(US-6824265-$).did.	USPAT	OR	ON	2015/12/02 00:45
L7	6	1 or 4 or 6 or 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/02 00:45
L8	5	(US-20090082835-$ or US-20060132382-$).did. or (US-5455638-$ or US-4520238-$ or US-6824265-$).did.	US-PGPUB; USPAT	OR	ON	2015/12/02 00:46
S1	4	"2009081542".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:09
S2	5	"2009126946".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:09
S3	5	"2010080999".pn.	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/12 15:13

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S4	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:13
S5	2	"5463428".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:13
S6	2	"5764338".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:13
S7	0	"2008316420".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:14
S8	5	"2010080999".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:15
S9	5	"2009098719".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:15
S10	7	"2008002388".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:15
S11	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:15
S12	2	"20050237485".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:16
S13	2	"20050225723".pn.	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/12 15:16

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S16	2	"6719425".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:17
S17	4	"4418990".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:18
S18	3	"4991951".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:19
S19	3	"2007258039".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:19
S20	5	"2930857".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:20
S21	5	"2007121061".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:20
S22	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:21
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		S19 or S20 or S21 or S22	EPO; JPO; DERWENT; IBM_TDB			
S24	1	"20080273166".pn.	US-PGPUB	OR	ON	2013/09/12 15:51
S25	3	S23 or S24	US-PGPUB	OR	ON	2013/09/12 16:05
S26	63	S23 or S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:05
S27	16	S26 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or liquid or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:19
S28	0	("2008/0273166").URPN.	USPAT	OR	ON	2013/09/12 16:26
S29	15772	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:36
S30	7988	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:36
S31	503	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S32	90	351/159.03.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S33	17	351/159.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S34	750	351/153.ccls.	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/12 16:37

			EPO; JPO; DERWENT; IBM_TDB			
S35	23094	S29 or S30 or S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:38
S36	4948	S35 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:38
S37	267	G02C7/083.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:41
S38	504	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:43
S39	255	S38 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:43
S40	5032	S36 or S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:44
S41	2932767	glasses or eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:45
S42	4100	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2013/09/12 16:46

			DERWENT; IBM_TDB			
S43	755	S42 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:47
S44	171	S43 and silicone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:48
S45	2	S44 and grease	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:49
S46	84	S44 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:50
S47	1	S46 and grease	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:51
S48	1	S43 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) and (silicone near6 grease)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:40
S49	1769	S41 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) and (silicone near6 grease)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S50	1	S43 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S51	148	S49 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S52	147	S51 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2013/09/12 18:42

		or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	EPO; JPO; DERWENT; IBM_TDB			
S53	137	S52 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S54	254107	(glasses or eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S55	4	S53 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S56	133	S53 not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:45
S57	0	S56 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:46
S58	1556	(silicone near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:49
S59	97	(silicone near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) same(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:49
S60	11	S59 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2013/09/12 18:50

			IBM_TDB			
S61	155	S58 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:56
S62	144	S61 not S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:56
S63	0	S62 and ((silicone near6 (paste or compound or grease)) same (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:57
S64	30	S62 and ((silicone near6 (paste or compound or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:57
S65	1	S62 and ((silicone near6 (grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:00
S66	165	S41 and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) near6 (silicone near6 grease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:02
S67	2	S66 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:03
S68	49	(silicone near6 (paste or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:05
S69	45	S68 not (S60 or S65 or S67)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:05

S70	2	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) near6 (silicone near6 grease))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:17
S71	3	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) near6 (silicone near6 grease))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:19
S72	11	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) and (silicone near6 grease)) and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:21
S73	65	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) and (silicone and grease)) and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:21
S74	54	S73 not S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:22
S75	107	S32 or S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:25
S76	38	S75 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:25
S77	0	S76 and (grease or paste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:26
S78	38	S76 not S72	US-PGPUB; USPAT;	OR	ON	2013/09/12 19:26

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S79	2	"20100076553".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:36
S80	1	S79 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:36
S81	126	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" | "4875030" | "4967268" | "5463428" | "20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:21
S82	5	"2006023158".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:45
S83	2	"20060231580".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:45
S84	2	"20060023158".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:46

S85	56	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" | "4875030" | "4967268" | "5463428" | "20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2013/09/12 21:15
S86	24469	conduct$5 adj2 rubber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:08
S87	15772	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S88	7988	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S89	503	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S90	23094	S87 or S88 or S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S91	22	S86 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S92	17	S91 and silicone	US-PGPUB;	OR	ON	2013/09/13

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:10
S93	7	S92 and (grease or paste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:11
S94	10	S92 not S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:14
S95	5	S91 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:24
S96	68	S86 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S97	34	S96 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S98	21	S97 not S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S99	1	(US-6772448-$).did.	USPAT	OR	ON	2013/09/13 16:45
S100	0	"2008273166".pn.	US-PGPUB	OR	ON	2013/09/13 17:20
S101	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:20
S102	1	"20080273166".pn.	US-PGPUB	OR	ON	2013/09/13

						17:21
S103	0	"4991951".pn.	US-PGPUB	OR	ON	2013/09/13 17:21
S104	1	"4991951".pn.	USPAT	OR	ON	2013/09/13 17:22
S105	3	S99 or S102 or S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:22
S106	126	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" | "4875030" | "4967268" | "5463428" | "20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:59
S107	2	S105 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:59
S108	69172	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses or lens) same (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:20
S109	2121	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) same (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:27
S110	1284	S109 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2014/04/28 08:42

			EPO; JPO; DERWENT; IBM_TDB			
S111	354	S110 and (grease or paste or silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:44
S112	749	S110 and (grease or paste or silicone or coating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:45
S113	806	S110 and (grease or paste or silicone or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:45
S114	167	S113 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:48
S115	116	S114 and (silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:51
S116	36	S115 and ((grease or paste or coating or coated) same silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:52
S117	80	S115 not S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 11:30
S118	51	S114 not S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 11:56
S119	14	S118 and gasket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2014/04/28 11:56

			IBM_TDB			
S120	1	(US-5835185-$).did.	USPAT	OR	ON	2014/04/28 12:10
S121	3	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance) same (rimlock or rim-lock))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:17
S122	8	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance) and (rimlock or rim-lock))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:32
S123	5	S122 not S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:32
S124	694	351/86,154.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:38
S125	79	S124 and (grease or paste or silicone or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:39
S126	20	S125 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:41
S127	12	S126 and (grease or paste or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:42
S128	8	S126 not S127	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:45

S129	2	S128 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:45
S130	59	S125 not S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:46
S131	19	S130 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:46
S132	20	S130 and (conduct$5 or wire or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:47
S133	109	S124 and (conduct$5 or wire or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:48
S134	87	S133 not S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S135	87	S134 and (conduct$5 or wires or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S136	15	S135 and (conduct$5 or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S137	21	S124 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/04/28 12:53

			DERWENT; IBM_TDB			
S138	1	(US-7527374-$).did.	USPAT	OR	ON	2014/04/28 13:19
S139	154	S109 and ((grease or paste or coating or coated) same (silicone or (polymerized adj2 siloxanes) or polysiloxane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 13:23
S140	74	S109 and ((grease or paste or coating or coated) near5 (silicone or (polymerized adj2 siloxanes) or polysiloxane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 13:24
S141	61	S140 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 13:24
S142	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/28 18:24
S143	14	("4285819" | "4612247" | "4681712" | "4798694" | "4868106" | "4935147" | "5076950" | "5279936" | "5283064" | "5319397" | "5536644" | "5642177" | "5770388").PN. OR ("6231703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2014/04/28 21:04
S144	2	S143 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:05
S145	1	(US-6231703-$).did.	USPAT	OR	ON	2014/04/28 21:15
S146	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/28 21:16
S147	2	S145 or S146	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:16
S148	2	S147 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:16
S149	1	S148 and (grease or paste or gel or oil)	US-PGPUB; USPAT;	OR	ON	2014/04/28 21:17

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S150	1	(US-6231703-$).did.	USPAT	OR	ON	2014/04/29 10:14
S151	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/29 10:14
S152	2	S150 or S151	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:14
S153	2	S152 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:14
S154	1	S151 and (conduct$5 near rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:21
S155	12	"2007329719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 14:42
S156	0	JP2008/003799	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S157	0	JP20080003799	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S158	8	"20080003799"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S159	25	"2008003799"	US-PGPUB; USPAT;	OR	ON	2014/04/29 15:30

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S160	0	WO2009081542	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:32
S161	9	"2009081542"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:32
S162	3985	(anisotropic and conduct$5 and rubber and (silicone or (polymerized adj2 siloxanes) or polysiloxane) and (grease or paste or gel or oil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 18:59
S163	52	351/41-178.ccls. and S162	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:02
S164	1137	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near6 (grease or paste or gel or oil)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:05
S165	0	351/41-178.ccls. and S164	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:05
S166	1684	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:06
S167	44	351/41-178.ccls. and S166	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:06

S168	13	S164 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:09
S169	80	S166 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:13
S170	67	S169 not S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:13
S171	1758	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:15
S172	67	S170 and S171	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:15
S173	1137	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:20
S174	865	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:20
S175	6	((anisotropic near4 conduct$5 near4 rubber) and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:21
S176	0	S175 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/04/29 19:22

			DERWENT; IBM_TDB			
S177	8	((anisotropic near4 conduct$5 near4 rubber) and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:24
S178	2	S177 not S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:24
S179	1186	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:27
S180	27	S179 and anisotropic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:27
S181	477	S179 and (rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:28
S182	11	S179 and (conduct$5 near4 rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:28
S183	21	S180 not S182	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:33
S184	121	S179 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm. and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:37
S185	108	S179 and (eyeglasses or eye-glasses	US-PGPUB;	OR	ON	2014/04/29

		or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant))).clm.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			19:38
S186	107	S185 not (S180 or S177 or S175 or S172 or S170)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:40
S187	666	S179 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:46
S188	8092	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) near6 (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:47
S189	52	S187 and S188	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:47
S190	163	351/159.39.ccls. or 351/159.4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:55
S191	2	S179 and S190	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:55
S192	2	S190 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:56
S193	52	S188 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2014/04/29 19:57

			EPO; JPO; DERWENT; IBM_TDB			
S194	0	S193 not S189	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:57
S195	677	S179 and (connect or connected or connector or connecting or connection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:08
S196	48	S179 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil or lubricant))) same (connect or connected or connector or connecting or connection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:09
S197	972	S179 not (S180 or S182 or S183 or S186 or S189 or S191 or S192 or S193 or S196)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:17
S198	76	S197 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:18
S199	1	(US-4243306-$).did.	USPAT	OR	ON	2014/04/29 20:27
S200	3	(eyewire or eye-wire or (eye adj2 wire)) near4 (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:07
S201	15	(eyewire or eye-wire or (eye adj2 wire)) same (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:09
S202	12	S201 not S200	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:10
S203	17	(eyewire or eye-wire or (eye adj2 wire)) and (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR;	OR	ON	2014/04/30 09:27

			EPO; JPO; DERWENT; IBM_TDB			
S204	35	(upper or lower or top or bottom or halves or half) same (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:27
S205	16	S203 and S204	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:28
S206	53305	(coat or coated or coating or film or dipped or dip or deposit or depositing or deposited or apply or applied or applying) same (insulating or insulated or insulation or nonconductive or non-conductive or nonconducting or non-conducting) same (frame or rim or eyewire or eye-wire or (eye adj2 wire))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:57
S207	1138	351/90-102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:59
S208	0	S206 and S207	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:59
S209	37998	S206 and ((split$4 or bisect$5 or dual or two or upper or lower) same (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:02
S210	16194	S209 and ((split$4 or bisect$5 or dual or two or upper or lower) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:02
S211	11719	S210 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:06
S212	10147	S209 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:09

S213	5051	S211 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:09
S214	39	S213 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:10
S215	1	(US-20100177277-$).did.	US-PGPUB	OR	ON	2014/04/30 10:29
S216	1	(US-20100177277-$).did.	US-PGPUB	OR	ON	2014/04/30 17:30
S217	1	(US-4243306-$).did.	USPAT	OR	ON	2014/04/30 17:31
S218	1	"20100265456".pn.	US-PGPUB	OR	ON	2014/04/30 17:31
S219	2	S216 or S217 or S218	US-PGPUB	OR	ON	2014/04/30 17:32
S220	3	S216 or S217 or S218	US-PGPUB; USPAT	OR	ON	2014/04/30 17:32
S221	697	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:43
S222	697	S221	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:43
S223	214	S222 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:44
S224	2	S223 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:44
S225	141458	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:49
S226	42370	S225 and (electronics or electrical or battery or batteries or circuit or	US-PGPUB; USPAT;	OR	ON	2014/10/30 16:53

		microchip or processor or antenna or computer$4 or electroactive or electro-active)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S227	19470	S225 same (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or electroactive or electro-active)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:54
S228	9712	S227 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet or humid or humidity or fluid or liquid or damp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:59
S229	769368	((conduct$5 or metal$5) near4 (rubber$5 or compress$5 or flexib$4 or coil or coiled or bend$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:09
S230	726	S228 and S229	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:09
S231	627	S230 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or GPS or (global adj position$5) or alarm$4 or hearing or ((virtual or augment$4) near3 reality) or gaming or audio or microphone or recording or transmitter or pedometer or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:18
S232	549	S231 and (cable$2 or wire or connector or plug$4 or receptacle or multiconduct$5 or multi-conduct$5 or (multi$4 adj2 conduct$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:30
S233	13200	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:30

S234	162	S232 and S233	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:31
S235	104	S234 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:37
S236	90	S235 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:51
S237	89	S236 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:54
S238	58	S237 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:54
S239	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2014/10/30 18:22
S240	2	"20060095128".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 18:38
S241	60841	BLUM.in. or KOKONASKI.in. or LONGA.in. or GRAHAM.in. or HADDOCK.in. or WILLEY.in. or TABACCHI.in. or BOCK.in. or PINAZZA.in. or RICHMAN.in. or OZGUZ.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:19
S242	13953	Pugh.in. or Otts.in. or Riall.in. or Snook.in. or Putt.in. or Kernick.in. or Flitsch.in. or Higham.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:26
S243	153256	Jannard.in. or Nattress.in. or Mathur.in. or DaSilva.in. or Land.in. or Rose.in. or Davis.in. or Neil.in. or	US-PGPUB; USPAT; USOCR;	OR	ON	2014/10/30 19:41

		Reyes.in. or Yee.in. or Thixton or Baden.in. or Arnette.in. or Tackels.in. or Houston.in. or Moritz.in. or Rohrbach.in. or Zentil.in.	EPO; JPO; DERWENT; IBM_TDB			
S244	226757	S241 or S242 or S243	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:41
S245	17	S236 and S244	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:42
S246	6	S245 not S238	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:42
S247	73	S236 not S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:44
S248	73	S225 and S247	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:44
S249	73	S248 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:45
S250	1	(US-5455638-$).did.	USPAT	OR	ON	2014/10/30 20:27
S251	1	(US-4520238-$).did.	USPAT	OR	ON	2014/10/30 20:28
S252	9	"20100265456".pn. or "42433068".pn. or "20080273166".pn. or "4991951".pn. or "6772448".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 20:57
S253	2	"20050239502".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:02
S254	2	"20090201460".pn.	US-PGPUB; USPAT; USOCR;	OR	ON	2014/10/30 21:02

			EPO; JPO; DERWENT; IBM_TDB			
S255	2	"20120262667".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:02
S256	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:03
S257	16629	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:20
S258	16979	351/41-158,178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:21
S259	359	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:32
S260	563	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:32
S261	17348	S258 or S259 or S260	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:34
S262	1410	S261 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:34
S263	1381	S262 not (S238 or S245)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:35

S264	347	S263 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:36
S265	188	S264 and (cable$2 or cord or wire or connector or multiconduct$5 or multi-conduct$5 or (multi$4 adj2 conduct$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:37
S266	63	S265 and (plug$4 or receptacle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:38
S267	9	S266 and (plug$4 and receptacle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:39
S268	54	S266 not S267	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:41
S269	1	(US-6824265-$).did.	USPAT	OR	ON	2014/10/31 01:05
S270	4	S239 or S250 or S251 or S269	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:05
S271	327074	((conduct$5 or (metal or metallic or metalic or metalized or metalization or metalizing)) near4 (elast$8 or rubber$5)) or (conductive near6 polymer near6 metal$4 near6 ion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:17
S272	2	S270 and S271	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:17
S273	1	(US-4520238-$).did.	USPAT	OR	ON	2014/10/31 02:07
S274	1	(US-5455638-$).did.	USPAT	OR	ON	2014/10/31 02:07
S275	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2014/10/31 02:07
S276	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2015/06/24

						11:34
S277	1	S276 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 11:35
S278	1	(US-5455638-$).did.	USPAT	OR	ON	2015/06/24 11:46
S279	1	S278 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 11:46
S280	1	(US-6824265-$).did.	USPAT	OR	ON	2015/06/24 11:51
S281	1	(US-4520238-$).did.	USPAT	OR	ON	2015/06/24 11:51
S282	2	S280 or S281	USPAT	OR	ON	2015/06/24 11:51
S283	2	S282 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 12:12
S284	342	US-2437642-$.DID. OR US-2576581-$.DID. OR US-2930857-$.DID. OR US-3161718-$.DID. OR US-3245315-$.DID. OR US-3309162-$.DID. OR US-3614215-$.DID. OR US-3738734-$.DID. OR US-3791719-$.DID. OR US-4062629-$.DID. OR US-4152846-$.DID. OR US-4174156-$.DID. OR US-4181408-$.DID. OR US-4190330-$.DID. OR US-4243306-$.DID. OR US-4264154-$.DID. OR US-4279474-$.DID. OR US-4283127-$.DID. OR US-4300818-$.DID. OR US-4320939-$.DID. OR US-1563929-$.DID. OR US-2170613-$.DID. OR US-4373218-$.DID. OR US-4395736-$.DID. OR US-4418990-$.DID. OR US-4423929-$.DID. OR US-4431262-$.DID. OR US-4457585-$.DID. OR US-4461550-$.DID. OR US-4466703-$.DID. OR US-4466706-$.DID. OR US-4529268-$.DID. OR US-4537479-$.DID. OR US-4564267-$.DID. OR US-4572616-$.DID. OR US-4577928-$.DID. OR US-4601545-$.DID. OR US-4609824-$.DID. OR US-4712870-$.DID. OR US-4756605-$.DID. OR US-4772094-$.DID. OR US-D298250-$.DID. OR US-2169417-$.DID. OR US-4787733-$.DID. OR US-4787903-$.DID. OR US-4795248-$.DID. OR US-4813777-$.DID. OR US-4818095-$.DID. OR US-4836652-$.DID. OR US-4842400-$.DID. OR US-4875030-$.DID. OR US-	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2015/06/24 13:28

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		5815239-$.DID. OR US-5835185-$.DID. OR US-5861936-$.DID. OR US-5877876-$.DID. OR WO-2008046858-$.DID. OR EP-1916561-$.DID. OR WO-2008051520-$.DID. OR WO-2008115251-$.DID. OR WO-2009081542-$.DID. OR WO-2009098719-$.DID. OR WO-2009109749-$.DID. OR WO-2009126946-$.DID. OR US-5900720-$.DID. OR US-5949521-$.DID. OR US-5953098-$.DID. OR US-5956183-$.DID. OR US-5963300-$.DID. OR US-5971540-$.DID. OR US-5980037-$.DID. OR US-5999328-$.DID. OR US-6040947-$.DID. OR US-6050687-$.DID. OR US-6069742-$.DID. OR US-6086203-$.DID. OR US-6086204-$.DID. OR US-6095651-$.DID. OR US-6097450-$.DID. OR US-6099117-$.DID. OR US-6115177-$.DID. OR US-6145987-$.DID. OR US-6163926-$.DID. OR WO-2009125184-$.DID. OR WO-2009136667-$.DID. OR JP-09294654-$.DID. OR WO-2010062504-$.DID. OR WO-2010080999-$.DID. OR EP-2233964-$.DID. OR WO-2011119601-$.DID. OR US-6213602-$.DID. OR US-6191881-$.DID. OR US-6270220-$.DID. OR US-6271915-$.DID. OR US-6288846-$.DID. OR US-20010043266-$.DID. OR US-6325508-$.DID. OR US-20010055094-$.DID. OR US-6336250-$.DID. OR US-6350031-$.DID. OR US-6390623-$.DID. OR US-6396622-$.DID. OR US-6412941-$.DID. OR US-6437762-$.DID. OR US-6437925-$.DID. OR US-20020140899-$.DID. OR US-6464363-$.DID. OR US-20020149739-$.DID. OR US-20020186346-$.DID. OR US-20030018383-$.DID. OR US-6554425-$.DID. OR US-20030095336-$.DID. OR US-6582075-$.DID. OR US-6595634-$.DID. OR US-20030151721-$.DID. OR US-6607271-$.DID. OR US-6609794-$.DID. OR US-6614408-$.DID. OR US-6618208-$.DID. OR US-6616275-$.DID. OR US-6616279-$.DID. OR US-6626532-$.DID. OR US-6631001-$.DID. OR US-20030210377-$.DID. OR US-20040000733-$.DID. OR US-20040001180-$.DID. OR US-20040008319-$.DID. OR US-6682195-$.DID. OR US-6709105-$.DID. OR US-6709108-$.DID. OR US-6715876-$.DID. OR US-6719425-$.DID. OR US-6738199-$.DID. OR US-20040108971-$.DID. OR US-20040117011-$.DID. OR US-20040130677-$.DID. OR US-6768536-$.DID. OR US-6772448-$.DID. OR US-6774871-$.DID. OR US-20040156012-$.DID. OR US-6778246-				

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		20100309426-$.DID. OR US-7850304-$.DID. OR US-20110058141-$.DID. OR US-8016415-$.DID. OR US-20120002159-$.DID. OR US-20120002160-$.DID. OR US-20120127420-$.DID. OR US-20120262667-$.DID. OR US-8337014-$.DID. OR US-20130010256-$.DID. OR US-20130201439-$.DID. OR US-20130250233-$.DID. OR US-8922902-$.DID. OR US-2008535-$.DID. OR US-151997D-$.DID. OR US-1061505-$.DID. OR US-3890809-$.DID. OR US-2008536-$.DID.				
S285	0	S281 and S284	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 14:34
S286	17064	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S287	9755	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S288	628	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S289	26018	S286 or S287 or S288	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S290	891	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S291	1160	351/90-102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S292	891	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2015/06/24 16:11

			IBM_TDB			
S293	891	S292	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S294	17431	351/41-158,178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S295	366	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S296	786	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S297	17903	S294 or S295 or S296	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S298	26808	351/41-178.ccls. or S289 or S290 or S297 or S291 or S293	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S299	4397	S298 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:13
S300	766	S299 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:13
S301	3051	S299 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/06/24 16:16

			DERWENT; IBM_TDB			
S302	1685	S301 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:18
S303	357	S302 and ((electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:19
S304	77	S303 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:22
S305	77	S304 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:23
S306	77	S304 or S305	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:24
S307	1	(US-20080002141-$).did.	US-PGPUB	OR	ON	2015/06/24 16:27
S308	62422	BLUM.in. or KOKONASKI.in. or LONGA.in. or GRAHAM.in. or HADDOCK.in. or WILLEY.in. or TABACCHI.in. or BOCK.in. or PINAZZA.in. or RICHMAN.in. or OZGUZ.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:41
S309	123031	mitsui.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:42
S310	185436	S308 or S309	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2015/06/24 18:42

			DERWENT; IBM_TDB			
S311	23775	S310 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:43
S312	3510	S311 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:46
S313	159	S312 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:47
S314	1	(US-20130215374-$).did.	US-PGPUB	OR	ON	2015/06/24 18:51
S315	34	"9028062".pn. or "8979259".pn. or "8944590".pn. or "8905541".pn. or "20140293215".pn. or EP2745167.pn. or "8708483".pn. or "20140104566".pn. or AU2012296482.pn. or "20130278881".pn. or "20130242253".pn. or "20130201439".pn. or "20130070198".pn. or CA2844986.pn. or WO2013025933.pn. or "20130010256".pn. or "8337014".pn. or "20120127420".pn. or "20120127423".pn. or "20120002160".pn. or "20120002159".pn. or "20100271588".pn. or "20100177277".pn. or "20080273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 19:04
S322	21015	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:08
S323	5667	S322 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:09

		micro-electric$4 or microcontrol$4 or micro-control$4).clm.				
S324	2805	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:10
S325	1095	S323 and S324	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:11
S326	202	S325 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:11
S327	21023	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S328	5671	S327 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S329	2806	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S330	1096	S328 and S329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S331	202	S330 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02

S332	162	S331 and (wire or wiring or wired or connector or cable or interconnect$3 or inter-connect$3 or conduct$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:05
S333	842	((insulat$5 same (grease or acrylic or silicone or urethane or epoxy)) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:13
S334	807	S333 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:14
S335	90	S334 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:15
S336	88	S335 and (wire or wiring or wired or connector or cable or interconnect$3 or inter-connect$3 or conduct$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:15
S337	1	(US-5946071-$).did.	USPAT	OR	ON	2015/12/01 01:19
S338	1	(US-6231703-$).did.	USPAT	OR	ON	2015/12/01 01:21
S339	1	(US-20020140899-$).did.	US-PGPUB	OR	ON	2015/12/01 01:26
S340	1	(US-20120310339-$).did.	US-PGPUB	OR	ON	2015/12/01 01:37
S341	1	(US-20130070198-$).did.	US-PGPUB	OR	ON	2015/12/01 01:38
S342	1	(US-20140213917-$).did.	US-PGPUB	OR	ON	2015/12/01 01:40
S343	1	(US-20130215374-$).did.	US-PGPUB	OR	ON	2015/12/01 01:40
S344	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 07:33
S345	1	S344 and (insulat$5 or grease or	US-PGPUB;	OR	ON	2015/12/01

		acrylic or silicone or urethane or epoxy)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			07:34
S346	1349	(((silicone or (polymerized adj2 siloxanes) or polysiloxane) near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:38
S347	1173	S346 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:39
S348	54781	(((silicone or (polymerized adj2 siloxanes) or polysiloxane) near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (insulat$5 or grease or acrylic or silicone or urethane or epoxy) same (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:42
S349	544	S347 and S348	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:43
S350	29	S349 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/12/01 08:44

			IBM_TDB			
S351	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 08:53
S352	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 09:08
S353	515	S349 not S350	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:10
S354	317	S353 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:26
S355	32	S354 and insulat$5 and grease and (acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:27
S356	285	S354 not S355	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:30
S357	1	(US-20080130272-$).did.	US-PGPUB	OR	ON	2015/12/01 10:37
S358	21023	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S359	5671	S358 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S360	2806	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S361	1096	S359 and S360	US-PGPUB; USPAT; USOCR;	OR	ON	2015/12/01 11:18

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S362	308	S361 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy or polyurethane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S363	303	S362 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:21
S364	1	(US-20080239452-$).did.	US-PGPUB	OR	ON	2015/12/01 11:36
S365	1836	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S366	2723	G02C11/00.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S367	625	G02C11/04.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S368	951	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S369	1827	351/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:24
S370	84	S365 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/12/01 12:24

			IBM_TDB			
S371	13	"11261035"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:40
S372	3388	S365 or S366 or S367 or S368 or S369	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:43
S373	124	S372 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:44
S374	40	S373 not S370	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:44
S375	40	S374 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:59
S376	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2015/12/01 13:01
S377	986	(insulat$5 and (grease or acrylic or silicone or urethane or epoxy)) same (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:01
S378	97	S377 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:02
S379	1836	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR;	OR	ON	2015/12/01 14:04

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S380	2723	G02C11/00.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S381	625	G02C11/04.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S382	951	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S383	1827	351/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S384	84	S379 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S385	3388	S379 or S380 or S381 or S382 or S383	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S386	124	S385 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S387	40	S386 not S384	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S388	40	S387 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT;	OR	ON	2015/12/01 14:04

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S389	73	S378 not (S384 or S386 or S388)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S390	81	(US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$ or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$ or US-20060132382-$ or US-20130293448-$).did. or (US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-5229885-$).did. or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2015/12/01 14:15

S391	54	S390 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:16
S393	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 19:06
S394	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 19:15
S395	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 19:18

12/ 2/ 2015 1:12:57 AM
C:\ Users\ goneill\ Documents\ EAST\ Workspaces\ 13890809.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13890809	BLUM ET AL.
	Examiner	Art Unit
	GARY O'NEILL	2872

CPC- SEARCHED		
Symbol	Date	Examiner
G02C 11/06, 11/10	10/30/14	GO
UPDATED	6/24/15	GO
UPDATED	12/1/15	GO
G02C 11/00, 11/04	12/1/15	GO

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
351	41-158,178	10/30/14	GO
	UPDATED	6/24/15	GO
	UPDATED	12/1/15	GO

SEARCH NOTES		
Search Notes	Date	Examiner
EAST BRS Search (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB) attached	10/30/14	GO
EAST BRS Search (Updated and attached)	6/24/15	GO
EAST BRS Search (Updated and attached)	12/1/15	GO

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/890,809	05/09/2013	Ronald D. Blum	3585.1260000	9971

115626 7590 01/29/2016
Sterne, Kessler, Goldstein & Fox P.L.L.C.
1100 New York Avenue NW
Washington, DC 20005

EXAMINER	
O'NEILL, GARY WILLIAM	

ART UNIT	PAPER NUMBER
2872	

MAIL DATE	DELIVERY MODE
01/29/2016	PAPER

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

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

Applicant-Initiated Interview Summary	Application No.	Applicant(s)	
	13/890,809	BLUM ET AL.	
	Examiner	Art Unit	
	GARY O'NEILL	2872	

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

(1) *GARY O'NEILL*.

(2) *Atty John McGroarty (Reg. No. 41186)*.

(3) *Tina Nguyen (Reg. No. 74,200)*.

(4)_____.

Date of Interview: *14 January 2016*.

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

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

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

Claim(s) discussed: *1 and 6*.

Identification of prior art discussed: *Jannard (U.S. Patent Publication 2006/0132382), Ikeda (U.S. Patent 4,520,238), Jaax (U.S. Patent Publication 2009/0082835)*.

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

See Continuation Sheet.

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

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

☐ Attachment

/G. O./	/RICKY MACK/
Examiner, Art Unit 2872	Supervisory Patent Examiner, Art Unit 2872

Summary of Record of Interview Requirements

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

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

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

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

———

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

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

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

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

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

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

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

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

Examiner to Check for Accuracy

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

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Atty McGroarty inquired whether proposed claim language removing "configured to" would overcome the previous rejection of claims 1-18 under 35 U.S.C. 112(b) in the non-final office action mailed 12/7/15. Examiner ONeill responded that it would. Atty McGroarty explained the background of applicants invention which led to the need for sealing the electrical connective element or electronics module, as in claim 1. We discussed the primary reference Jannard and agreed that while Jannard teaches an adhesive (paragraph 0129) Jannard lacks sealing as in applicants claim 1. The previous office action cited Ikeda for disclosing liquid tight sealing in the field of eyewear. Atty McGroarty argued that although Ikea includes electronic components, Ikeda does not disclose sealing these, rather Ikeda describes sealing other components. We discussed possible ways of describing how and where the sealing aspect of claim 1 is performed inorder to distinguish from Ikeda and Jaax. In addition, Examiner ONeill suggested that claim 1 should be amended to clearly identify the invention as an eyewear. Examiner ONeill agreed that with appropriate narrowing amendments, the present rejection would be overcomed. Examiner ONeill agreed to review any formal claim amendments which applicant may present and update the search as appropriate.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: BLUM *et al.*	Confirmation No.: 9971
Applicant: MITSUI CHEMICALS, INC.	Art Unit: 2872
Application No.: 13/890,809	Examiner: O'NEILL, Gary William
Filing Date: May 9, 2013	Atty. Docket: 3585.1260000

Title: **MOISTURE-RESISTANT EYE WEAR**

Amendment and Reply Under 37 C.F.R. § 1.111

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Commissioner:

In reply to the Office Action dated December 7, 2015, Applicant submits the following Amendment and Remarks.

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

Remarks and Arguments begin on page 5 of this paper.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any additional fees required to continue prosecution or appeal of this application (including issue fee, fees for net addition of claims or forwarding to appeal) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An eyewear system comprising:

an eyewear frame;

an electronics module comprising electronics for controlling an electrical functional member; and

at least one electrical connective element electrically connected to ~~configured to connect~~ the electronics of the electronics module and the electrical functional member,

wherein~~, at least one of the electrical connective element and~~ the electronics module is disposed within the eyewear frame and sealed with a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy.

2. (Original) The eyewear system of claim 1:

further comprising at least one intermediate electrical contact,

wherein:

the electrical functional member comprises at least one electrical connector, and

the connective element connects the electronics of the electronics module to the at least one electrical connector of the electrical functional member through the at least one intermediate electrical contact.

3. (Canceled)

4. (Original) The eyewear system of claim 1, wherein the eyewear system is electronic eyewear including a lens.

5. (Original) The eyewear system of claim 4, wherein the lens comprises the electrical functional member.

6. (Currently Amended) The eyewear system of claim 5, wherein the electronic functional member provides ~~is configured to provide~~ an optical function.

7. (Original) The eyewear system of claim 4, wherein the electronic functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a virtual reality function, an augmented reality function, a gaming function, and an active 3D function.

8. (Original) The eyewear system of claim 1, further comprising the electrical functional member,

wherein:

the electrical functional member comprises at least one electrical connector, and

the connective element directly connects the electronics of the electronics module to the at least one electrical connector of the electrical functional member.

9. (Previously Presented) The eyewear system of claim 2, wherein the intermediate electrical contact is located at one of: a rim of the eyewear, a surface of the electronic functional member, a frame front of the eyewear system, an electronic display, and an electronic controller.

10. (Original) The eyewear system of claim 1, wherein the electronic functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a GPS, an alarm, a hearing aid, a virtual reality function, an augmented reality function, a gaming function, an audio output function, a microphone function, a recording function, a transmitter function, a pedometer, and an active 3D function.

11. (Original) The eyewear system of claim 1, wherein the electrical connective element is a conductive compressible member.

12. (Original) The eyewear system of claim 11, wherein the conductive compressible member is conductive rubber.

13. (Original) The eyewear system of claim 1, wherein the connective element comprises a multiconductor cable.

14. (Currently Amended) The eyewear system of claim 1, wherein the electronics module ~~is sealed~~ comprises a microprocessor.

15. (Canceled)

16. (Currently Amended) The eyewear of claim [[1]]14, wherein the ~~electronic~~ electronics module is sealed with a coating of the material over a portion of the electronics module.

17. (Currently Amended) The eyewear of claim [[1]]14, wherein the electronics module is sealed by being embedded in the material.

18. (Previously Presented) The eyewear system of claim 1, wherein the electrical connective element is sealed.

19. (New) The eyewear system of claim 14, wherein the electronics module is disposed within a cavity of the eyewear frame, and wherein the electronics module is sealed by closing an opening of the cavity with the material.

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 1-2, 4-14, and 16-19 are pending in the application, with claim 1 being the independent claim. Claims 1, 6, 14, 16 and 17 are sought to be amended. Claim 3 is sought to be canceled without prejudice to or disclaimer of the subject matter therein. New claim 19 is sought to be added. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicant respectfully requests that the Office reconsider all outstanding rejections and that they be withdrawn.

Interview Summary

Applicant thanks Examiner Gary O'Neill for the courtesies extended to its representatives John P. McGroarty and Tina Nguyen during a phone interview on January 14, 2016. Applicant provides below the substance of the interview. The lettered sections correspond to those in MPEP §713.04.

A. No exhibit or demonstration was shown or conducted.

B. The parties discussed the claims generally, with focus on claim 1.

C. The parties discussed Jannard, Ikeda and Jaax as stated on the PTOL-413 mailed January 29, 2016.

D. The parties discussed the amendments discussed on the PTOL-413 mailed January 29, 2016.

E. The parties discussed whether the proposed amendments would overcome the outstanding rejection.

F. No other pertinent matters were discussed.

G. Applicant believes it was agreed that the amendments discussed overcome the current rejections, but that further search and consideration may be needed.

H. The interview was not conducted via e-mail.

Rejections under 35 U.S.C. § 112

Claims 1-18 stand rejected under 35 U.S.C. §112(b) as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor regards as the invention.

Claims 1 and 6 stand rejected for use of the phrase "configured to." Claims 2-5, 7-14 and 16-18 are rejected as being dependent upon a rejected base claim.

The claims have been amended to replace the "configured to" language with acceptable language as discussed during the interview.

Rejections under 35 U.S.C. § 103

Claims 1-11, 13, 14 and 16-18 stand rejected under 35 U.S.C. §103 as allegedly being unpatentable over U.S. Patent Publication No. 2006/0132382 to Jannard ("*Jannard*") in view of U.S. Patent No. 4,520,238 to Ikeda ("*Ikeda*").

Claim 12 is rejected under 35 U.S.C. §103 as allegedly being unpatentable over U.S. Patent Publication No. 2006/0132382 to Jannard ("*Jannard*") in view of U.S. Patent No. 4,520,238 to Ikeda ("*Ikeda*") as applied to claim 11 above, and further in view of U.S. Patent No. 5,455,638 to Kallman *et al.* ("*Kallman*").

As discussed at the interview, claim 1 has been narrowed to specifically require:

"eyewear"

that an electronics module is sealed, as opposed to an electronics module or an electrical connective element, and

that the electronics module is disposed within the eyewear frame.

Applicant believes that these amendments overcome the present rejection as discussed at the interview and as summarized in the PTOL-413, because the references alone or in combination do not disclose eyewear having a sealed electronics module disposed within an eyewear frame, electrically connected to and able to control an electrical functional member.

Other matters

Claims 14, 16 and 17 have been amended to correct typographical errors, to be consistent with the amendments made to claim 1, and to change claim dependency. No new matter has been added.

Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

John P. McGroarty
Attorney for Applicant
Registration No. 41,186

Date: 3/4/2016

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

2777986_1.DOCX

Electronic Acknowledgement Receipt	
EFS ID:	25105035
Application Number:	13890809
International Application Number:	
Confirmation Number:	9971
Title of Invention:	MOISTURE-RESISTANT EYE WEAR
First Named Inventor/Applicant Name:	Ronald D. Blum
Customer Number:	115626
Filer:	John P. McGroarty/Barbera Dooley
Filer Authorized By:	John P. McGroarty
Attorney Docket Number:	3585.1260000
Receipt Date:	04-MAR-2016
Filing Date:	09-MAY-2013
Time Stamp:	16:19:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		3585_1260000_Amendment.pdf	1371434 bb87e1f57068acd893976a28357687b68f67b535	yes	8

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Transmittal Letter	1	1
	Amendment/Req. Reconsideration-After Non-Final Reject	2	2
	Claims	3	5
	Applicant Arguments/Remarks Made in an Amendment	6	8
Warnings:			
Information:			
	Total Files Size (in bytes):	1371434	

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<u>New Applications Under 35 U.S.C. 111</u>
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

Doc Code: TRAN.LET
Document Description: Transmittal Letter

PTO/SB/21 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	13/890,809
Filing Date	May 9, 2013
First Named Inventor	Ronald D. BLUM
Art Unit	2872
Examiner Name	O'NEILL, Gary William
Attorney Docket Number	3585.1260000

ENCLOSURES *(Check all that apply)*

- [ ] Fee Transmittal Form
- [ ] Fee Attached
- [X] Amendment/Reply
- [ ] After Final
- [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Reply to Missing Parts/ Incomplete Application
- [ ] Reply to Missing Parts under 37 CFR 1.52 or 1.53
- [ ] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Power of Attorney, Revocation
- [ ] Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____
- [ ] Landscape Table on CD
- [ ] After Allowance Communication to TC
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- [ ] Proprietary Information
- [ ] Status Letter
- [ ] Other Enclosure(s) (please Identify below):

Remarks

The Office may charge any fee deficiency for any submission made with this transmittal to Deposit Account 19-0036.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.		
Signature	/John P. McGroarty/		
Printed name	John P. McGroarty		
Date	2/4/2016	Reg. No.	41,186

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. 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 and1.14. This collection is estimated to 2 hours 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.**

2778939

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/890,809	Filing Date 05/09/2013	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

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

APPLICATION AS AMENDED – PART II

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

		(Column 1)		(Column 2)	(Column 3)		
AMENDMENT	**03/04/2016**	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 17	Minus	** 20	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0	X $420 =	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**

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

LIE
/THERESA LINDSAY/

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.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/890,809	05/09/2013	Ronald D. Blum	3585.1260000	9971

115626 7590 06/29/2016
Sterne, Kessler, Goldstein & Fox P.L.L.C.
1100 New York Avenue NW
Washington, DC 20005

EXAMINER	
O'NEILL, GARY WILLIAM	

ART UNIT	PAPER NUMBER
2872	

MAIL DATE	DELIVERY MODE
06/29/2016	PAPER

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

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

Office Action Summary	Application No. 13/890,809	Applicant(s) BLUM ET AL.	
	Examiner GARY O'NEILL	Art Unit 2872	AIA (First Inventor to File) Status Yes

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

Period for Reply

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

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

Status

1)☒ Responsive to communication(s) filed on *03/04/2016*.

☐ 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) *1,2,4-14 and 16-19* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1,2,4-14 and 16-19* 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 *05/09/2013* 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

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

Response to Arguments

2. Applicant's arguments, see first three paragraphs of page 6, filed 03/04/2016, with respect to claims 1-18 have been fully considered and are persuasive. The rejection of claims 1-18 under 35. U.S.C §112(b) has been withdrawn.

3. Applicant's arguments with respect to claims 1, 2, 4-14 and 16-19 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Claim Rejections - 35 USC § 103

4. 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 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.

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

> A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102 of this title, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole

> would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

6. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103 are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

7. This application currently names joint inventors. In considering patentability of the claims the examiner presumes that the subject matter of the various claims was commonly owned as of the effective filing date of the claimed invention(s) absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and effective filing dates of each claim that was not commonly owned as of the effective filing date of the later invention in order for the examiner to consider the applicability of 35 U.S.C. 102(b)(2)(C) for any potential 35 U.S.C. 102(a)(2) prior art against the later invention.

8. Claims 1, 2, 4-11, 13, 14 and 16-19 are rejected under 35 U.S.C. 103 as being unpatentable over Cochran (U.S. Patent 4,254,451) in view of Bauer et al. (U.S. Patent 6,433,913).

9. Regarding claim 1, Cochran teaches an eyewear system (figures 1-5) comprising: an eyewear frame (10); an electronics module (32) comprising electronics for controlling an electrical functional member (28); and at least one electrical connective element (30) electrically connected to the electronics of the electronics module and the electrical functional member (column 3, lines 44-51), wherein the electronics module is disposed within the eyewear frame and sealed (column 3, lines 45-60), but fails to explicitly teach with a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy. Within the same field of endeavor Bauer discloses in an eyewear system (figures 5, 6) sealing (130) via a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, and epoxy (column 17, lines 58-60). It would have been obvious to one having ordinary skill in the art before the time that the claimed invention was effectively filed to use a seal material comprising urethane, acrylate, or epoxies as taught by Bauer along with the eyewear system as taught by Cochran for the purpose of developing an eyewear having electronic components which prevents short circuits wherein the seal maintains a spacing relationship between components, is not permeable to water or oxygen, and is inert to electrochromic material (Bauer column 15, lines 38-43; and column 17, lines 49-58).

10. Regarding claim 2, Cochran teaches further comprising at least one intermediate electrical contact (38), wherein: the electrical functional member (28) comprises at least one electrical connector (LED terminals), and the connective element (30) connects the electronics of the electronics module (32) to the at least one electrical connector of the

electrical functional member through the at least one intermediate electrical contact (figures 4, 5).

11. Regarding claim 4, Cochran teaches wherein the eyewear system is electronic eyewear including a lens (26).

12. Regarding claim 5, Cochran teaches wherein the lens comprises the electrical functional member (column 3, lines 55-62).

13. Regarding claim 6, Cochran teaches wherein the electronic functional member (28) provides an optical function (LED).

14. Regarding claim 7, Cochran teaches wherein the electronic functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a virtual reality function, an augmented reality function, a gaming function, and an active 3D function (displaying a plurality of sequentially actuated flashing light-emitting diodes to achieve an ornamental or decorative effect, abstract and column 1, lines 9-11).

15. Regarding claim 8, Cochran teaches further comprising the electrical functional member, wherein: the electrical functional member (28) comprises at least one electrical connector (LED terminals), and the connective element (30) directly connects the electronics of the electronics module (32) to the at least one electrical connector of the electrical functional member (figures 4, 5).

16. Regarding claim 9, Cochran teaches wherein the intermediate electrical contact (38) is located at one of: a rim of the eyewear, a surface of the electronic functional

member, a frame front of the eyewear system, an electronic display, and an electronic controller (figures 3, 4).

17. Regarding claim 10, Cochran teaches wherein the electronic functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a GPS, an alarm, a hearing aid, a virtual reality function, an augmented reality function, a gaming function, an audio output function, a microphone function, a recording function, a transmitter function, a pedometer, and an active 3D function (displaying a plurality of sequentially actuated flashing light-emitting diodes to achieve an ornamental or decorative effect, abstract and column 1, lines 9-11).

18. Regarding claim 11, Cochran teaches wherein the electrical connective element (30) is a conductive compressible member (conductive flex ribbon circuit, column 3, lines 44-49).

19. Regarding claim 13, Cochran teaches wherein the connective element comprises a multiconductor cable (conductive flex ribbon circuit, column 3, lines 44-49).

20. Regarding claim 14, Cochran teaches wherein the electronics module comprises a microprocessor (programmable integrated circuit, column 3, lines 50-52).

21. Regarding claim 16, Cochran teaches wherein the electronics module (32) is sealed with a coating of the material over a portion of the electronics module (column 3, lines 54-60).

22. Regarding claim 17, Cochran teaches wherein the electronics module (32) is sealed by being embedded in the material (column 3, lines 54-60).

23. Regarding claim 18, Cochran teaches wherein the electrical connective element (30) is sealed (figures 4, 5).

24. Regarding claim 19, Cochran teaches wherein the electronics module (32) is disposed within a cavity of the eyewear frame, and wherein the electronics module is sealed by closing an opening of the cavity with the material (column 3, lines 54-60).

25. Claim 12 is rejected under 35 U.S.C. 103 as being unpatentable over Cochran (U.S. Patent 4,254,451) in view of Bauer et al. (U.S. Patent 6,433,913) as applied to claim 11 above, and further in view of and further in view of Kallman et al. (U.S. Patent 5,455,638).

26. Regarding claim 12, although Cochran in view of Bauer discloses an eyewear system, Cochran in view of Bauer lacks the explicit teaching wherein the conductive compressible member is conductive rubber. Within the same field of endeavor Kallman teaches an eyewear system (figure 4) wherein the conductive compressible member is conductive rubber (elastomeric conductive strips from Shin- Etsu Polymer America, Inc. "Shin-Flex MAF-Connector", column 13, lines 53-59). It would have been obvious to one having ordinary skill in the art before the time that the claimed invention was effectively filed to use the elastomeric rubber conductive strips as taught by Kallman within the eyewear as taught by Cochran in view of Bauer for the purpose of constructing electrochromic eyewear having flexible circuit assemblies for increased reliability and durability under humid conditions (Kallman, column 13, lines 44, 52-57).

Conclusion

27. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GARY O'NEILL whose telephone number is (313)446-6521. The examiner can normally be reached on Monday - Friday; EST 8:30-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on 571-272-2333. 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.

/GARY O'NEILL/
Examiner, Art Unit 2872
June 20, 2016

/RICKY MACK/
Supervisory Patent Examiner, Art Unit 2872

Notice of References Cited	Application/Control No. 13/890,809	Applicant(s)/Patent Under Reexamination BLUM ET AL.	
	Examiner GARY O'NEILL	Art Unit 2872	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-4,254,451 A	03-1981	Cochran, Jr.; James A.	A44C15/0015	315/323
*	B	US-5,455,638 A	10-1995	Kallman; William R.	G02C7/101	351/158
*	C	US-6,433,913 B1	08-2002	Bauer; Frederick T.	G02C7/101	156/107
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13890809	BLUM ET AL.
	Examiner	Art Unit
	GARY O'NEILL	2872

CPC- SEARCHED		
Symbol	Date	Examiner
G02C 11/06, 11/10	10/30/14	GO
UPDATED	6/24/15	GO
UPDATED	12/1/15	GO
G02C 11/00, 11/04	12/1/15	GO
UPDATED	6/19/16	GO

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
351	41-158,178	10/30/14	GO
	UPDATED	6/24/15	GO
	UPDATED	12/1/15	GO
	UPDATED	6/19/16	GO

SEARCH NOTES		
Search Notes	Date	Examiner
EAST BRS Search (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB) attached	10/30/14	GO
EAST BRS Search (Updated and attached)	6/24/15	GO
EAST BRS Search (Updated and attached)	12/1/15	GO
EAST BRS Search (Updated and attached)	6/20/16	GO

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	101	(US-20080273166-$ or US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20070146627-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$ or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$).did. or (US-20060132382-$ or US-20130293448-$ or US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$ or US-20010024719-$ or US-20040099356-$ or US-20120029367-$).did. or (US-20030095336-$ or US-20040160538-$ or US-20070279584-$ or US-20070046887-$ or US-20110187989-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-5229885-$ or US-5066022-$ or US-6166849-$ or US-4254451-$ or US-6433913-$).did. or (US-5654786-$ or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2016/06/20 09:47

		US-6431705-$ or US-7581833-$ or US-7874666-$ or US-8979295-$).did. or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$ or US-20140104566-$).did.				
L6	74	5 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 09:48
L7	26	6 and ((seal or sealed or sealing or sealer or sealant) same (grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 09:52
L8	23	7 and ((seal or sealed or sealing or sealer or sealant) with (grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 09:52
L9	1	(US-6433913-$).did.	USPAT	OR	ON	2016/06/20 10:11
L10	1	(US-6433913-$).did.	USPAT	OR	ON	2016/06/20 13:07
L11	1	(US-4254451-$).did.	USPAT	OR	ON	2016/06/20 13:07
L12	1	(US-5455638-$).did.	USPAT	OR	ON	2016/06/20 13:07
L13	3	9 or L11 or L10 or L12	USPAT	OR	ON	2016/06/20 13:07
L14	3	(US-4254451-$ or US-5455638-$ or US-6433913-$).did.	USPAT	OR	ON	2016/06/20 13:08
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S4	2	"2008273166".pn.	US-PGPUB; USPAT;	OR	ON	2013/09/12 15:13

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S17	4	"4418990".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:18
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S22	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:21
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S26	63	S23 or S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:05
S27	16	S26 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or liquid or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:19
S28	0	("2008/0273166").URPN.	USPAT	OR	ON	2013/09/12 16:26
S29	15772	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:36
S30	7988	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:36
S31	503	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S32	90	351/159.03.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S33	17	351/159.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S34	750	351/153.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S35	23094	S29 or S30 or S31	US-PGPUB; USPAT;	OR	ON	2013/09/12 16:38

			USOCR; EPO; JPO; DERWENT; IBM_TDB			
S36	4948	S35 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:38
S37	267	G02C7/083.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:41
S38	504	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:43
S39	255	S38 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:43
S40	5032	S36 or S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:44
S41	2932767	glasses or eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:45
S42	4100	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:46
S43	755	S42 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/12 16:47

			EPO; JPO; DERWENT; IBM_TDB			
S44	171	S43 and silicone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:48
S45	2	S44 and grease	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:49
S46	84	S44 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:50
S47	1	S46 and grease	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:51
S48	1	S43 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) and (silicone near6 grease)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:40
S49	1769	S41 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) and (silicone near6 grease)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S50	1	S43 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S51	148	S49 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S52	147	S51 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:42

		condensation or wet)				
S53	137	S52 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S54	254107	(glasses or eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S55	4	S53 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S56	133	S53 not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:45
S57	0	S56 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:46
S58	1556	(silicone near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:49
S59	97	(silicone near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) same(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:49
S60	11	S59 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:50
S61	155	S58 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2013/09/12 18:56

			IBM_TDB			
S62	144	S61 not S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:56
S63	0	S62 and ((silicone near6 (paste or compound or grease)) same (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:57
S64	30	S62 and ((silicone near6 (paste or compound or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:57
S65	1	S62 and ((silicone near6 (grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:00
S66	165	S41 and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) near6 (silicone near6 grease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:02
S67	2	S66 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:03
S68	49	(silicone near6 (paste or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:05
S69	45	S68 not (S60 or S65 or S67)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:05
S70	2	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/09/12 19:17

		dielectric) near6 (silicone near6 grease))	IBM_TDB			
S71	3	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) near6 (silicone near6 grease))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:19
S72	11	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) and (silicone near6 grease)) and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:21
S73	65	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) and (silicone and grease)) and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:21
S74	54	S73 not S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:22
S75	107	S32 or S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:25
S76	38	S75 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:25
S77	0	S76 and (grease or paste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:26
S78	38	S76 not S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:26
S79	2	"20100076553".pn.	US-PGPUB;	OR	ON	2013/09/12

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			19:36
S80	1	S79 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:36
S81	126	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" | "4875030" | "4967268" | "5463428" | "20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:21
S82	5	"2006023158".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:45
S83	2	"20060231580".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:45
S84	2	"20060023158".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:46
S85	56	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" |	US-PGPUB; USPAT; EPO; JPO	OR	ON	2013/09/12 21:15

		"4875030" | "4967268" | "5463428" | "20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.				
S86	24469	conduct$5 adj2 rubber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:08
S87	15772	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S88	7988	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S89	503	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S90	23094	S87 or S88 or S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S91	22	S86 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S92	17	S91 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10

S93	7	S92 and (grease or paste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:11
S94	10	S92 not S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:14
S95	5	S91 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:24
S96	68	S86 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S97	34	S96 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S98	21	S97 not S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S99	1	(US-6772448-$).did.	USPAT	OR	ON	2013/09/13 16:45
S100	0	"2008273166".pn.	US-PGPUB	OR	ON	2013/09/13 17:20
S101	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:20
S102	1	"20080273166".pn.	US-PGPUB	OR	ON	2013/09/13 17:21
S103	0	"4991951".pn.	US-PGPUB	OR	ON	2013/09/13 17:21
S104	1	"4991951".pn.	USPAT	OR	ON	2013/09/13 17:22

S105	3	S99 or S102 or S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:22
S106	126	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" | "4875030" | "4967268" | "5463428" | "20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:59
S107	2	S105 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:59
S108	69172	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses or lens) same (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:20
S109	2121	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) same (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:27
S110	1284	S109 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:42
S111	354	S110 and (grease or paste or silicone)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2014/04/28 08:44

			EPO; JPO; DERWENT; IBM_TDB			
S112	749	S110 and (grease or paste or silicone or coating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:45
S113	806	S110 and (grease or paste or silicone or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:45
S114	167	S113 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:48
S115	116	S114 and (silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:51
S116	36	S115 and ((grease or paste or coating or coated) same silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:52
S117	80	S115 not S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 11:30
S118	51	S114 not S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 11:56
S119	14	S118 and gasket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 11:56
S120	1	(US-5835185-$).did.	USPAT	OR	ON	2014/04/28 12:10
S121	3	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or	US-PGPUB; USPAT; USOCR;	OR	ON	2014/04/28 12:17

		sunglasses or sun-glasses) and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance) same (rimlock or rim-lock))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S122	8	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance) and (rimlock or rim-lock))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:32
S123	5	S122 not S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:32
S124	694	351/86,154.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:38
S125	79	S124 and (grease or paste or silicone or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:39
S126	20	S125 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:41
S127	12	S126 and (grease or paste or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:42
S128	8	S126 not S127	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:45
S129	2	S128 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/04/28 12:45

			IBM_TDB			
S130	59	S125 not S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:46
S131	19	S130 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:46
S132	20	S130 and (conduct$5 or wire or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:47
S133	109	S124 and (conduct$5 or wire or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:48
S134	87	S133 not S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S135	87	S134 and (conduct$5 or wires or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S136	15	S135 and (conduct$5 or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S137	21	S124 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:53
S138	1	(US-7527374-$).did.	USPAT	OR	ON	2014/04/28 13:19
S139	154	S109 and ((grease or paste or coating	US-PGPUB;	OR	ON	2014/04/28

		or coated) same (silicone or (polymerized adj2 siloxanes) or polysiloxane))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:23
S140	74	S109 and ((grease or paste or coating or coated) near5 (silicone or (polymerized adj2 siloxanes) or polysiloxane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 13:24
S141	61	S140 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 13:24
S142	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/28 18:24
S143	14	("4285819" | "4612247" | "4681712" | "4798694" | "4868106" | "4935147" | "5076950" | "5279936" | "5283064" | "5319397" | "5536644" | "5642177" | "5770388").PN. OR ("6231703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2014/04/28 21:04
S144	2	S143 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:05
S145	1	(US-6231703-$).did.	USPAT	OR	ON	2014/04/28 21:15
S146	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/28 21:16
S147	2	S145 or S146	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:16
S148	2	S147 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:16
S149	1	S148 and (grease or paste or gel or oil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:17

S150	1	(US-6231703-$).did.	USPAT	OR	ON	2014/04/29 10:14
S151	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/29 10:14
S152	2	S150 or S151	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:14
S153	2	S152 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:14
S154	1	S151 and (conduct$5 near rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:21
S155	12	"2007329719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 14:42
S156	0	JP2008/003799	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S157	0	JP20080003799	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S158	8	"20080003799"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S159	25	"2008003799"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:30

S160	0	WO2009081542	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:32
S161	9	"2009081542"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:32
S162	3985	(anisotropic and conduct$5 and rubber and (silicone or (polymerized adj2 siloxanes) or polysiloxane) and (grease or paste or gel or oil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 18:59
S163	52	351/41-178.ccls. and S162	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:02
S164	1137	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near6 (grease or paste or gel or oil)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:05
S165	0	351/41-178.ccls. and S164	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:05
S166	1684	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:06
S167	44	351/41-178.ccls. and S166	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:06
S168	13	S164 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/04/29 19:09

			DERWENT; IBM_TDB			
S169	80	S166 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:13
S170	67	S169 not S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:13
S171	1758	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:15
S172	67	S170 and S171	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:15
S173	1137	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:20
S174	865	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:20
S175	6	((anisotropic near4 conduct$5 near4 rubber) and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:21
S176	0	S175 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:22
S177	8	((anisotropic near4 conduct$5 near4 rubber) and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4	US-PGPUB; USPAT; USOCR;	OR	ON	2014/04/29 19:24

		(grease or paste or gel or oil or lubricant)))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S178	2	S177 not S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:24
S179	1186	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:27
S180	27	S179 and anisotropic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:27
S181	477	S179 and (rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:28
S182	11	S179 and (conduct$5 near4 rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:28
S183	21	S180 not S182	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:33
S184	121	S179 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm. and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:37
S185	108	S179 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/04/29 19:38

		(grease or paste or gel or oil or lubricant))).clm.	IBM_TDB			
S186	107	S185 not (S180 or S177 or S175 or S172 or S170)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:40
S187	666	S179 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:46
S188	8092	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) near6 (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:47
S189	52	S187 and S188	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:47
S190	163	351/159.39.ccls. or 351/159.4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:55
S191	2	S179 and S190	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:55
S192	2	S190 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:56
S193	52	S188 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:57
S194	0	S193 not S189	US-PGPUB; USPAT;	OR	ON	2014/04/29 19:57

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S195	677	S179 and (connect or connected or connector or connecting or connection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:08
S196	48	S179 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil or lubricant))) same (connect or connected or connector or connecting or connection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:09
S197	972	S179 not (S180 or S182 or S183 or S186 or S189 or S191 or S192 or S193 or S196)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:17
S198	76	S197 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:18
S199	1	(US-4243306-$).did.	USPAT	OR	ON	2014/04/29 20:27
S200	3	(eyewire or eye-wire or (eye adj2 wire)) near4 (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:07
S201	15	(eyewire or eye-wire or (eye adj2 wire)) same (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:09
S202	12	S201 not S200	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:10
S203	17	(eyewire or eye-wire or (eye adj2 wire)) and (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:27
S204	35	(upper or lower or top or bottom or halves or half) same (rimlock or rim-	US-PGPUB; USPAT;	OR	ON	2014/04/30 09:27

		lock)	USOCR; EPO; JPO; DERWENT; IBM_TDB			
S205	16	S203 and S204	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:28
S206	53305	(coat or coated or coating or film or dipped or dip or deposit or depositing or deposited or apply or applied or applying) same (insulating or insulated or insulation or nonconductive or non-conductive or nonconducting or non-conducting) same (frame or rim or eyewire or eye-wire or (eye adj2 wire))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:57
S207	1138	351/90-102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:59
S208	0	S206 and S207	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:59
S209	37998	S206 and ((split$4 or bisect$5 or dual or two or upper or lower) same (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:02
S210	16194	S209 and ((split$4 or bisect$5 or dual or two or upper or lower) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:02
S211	11719	S210 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:06
S212	10147	S209 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:09
S213	5051	S211 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2014/04/30 10:09

			IBM_TDB			
S214	39	S213 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:10
S215	1	(US-20100177277-$).did.	US-PGPUB	OR	ON	2014/04/30 10:29
S216	1	(US-20100177277-$).did.	US-PGPUB	OR	ON	2014/04/30 17:30
S217	1	(US-4243306-$).did.	USPAT	OR	ON	2014/04/30 17:31
S218	1	"20100265456".pn.	US-PGPUB	OR	ON	2014/04/30 17:31
S219	2	S216 or S217 or S218	US-PGPUB	OR	ON	2014/04/30 17:32
S220	3	S216 or S217 or S218	US-PGPUB; USPAT	OR	ON	2014/04/30 17:32
S221	697	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:43
S222	697	S221	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:43
S223	214	S222 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:44
S224	2	S223 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:44
S225	141458	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:49
S226	42370	S225 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or electroactive or electro-active)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:53

S227	19470	S225 same (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or electroactive or electro-active)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:54
S228	9712	S227 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet or humid or humidity or fluid or liquid or damp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:59
S229	769368	((conduct$5 or metal$5) near4 (rubber$5 or compress$5 or flexib$4 or coil or coiled or bend$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:09
S230	726	S228 and S229	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:09
S231	627	S230 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or GPS or (global adj position$5) or alarm$4 or hearing or ((virtual or augment$4) near3 reality) or gaming or audio or microphone or recording or transmitter or pedometer or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:18
S232	549	S231 and (cable$2 or wire or connector or plug$4 or receptacle or multiconduct$5 or multi-conduct$5 or (multi$4 adj2 conduct$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:30
S233	13200	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:30
S234	162	S232 and S233	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:31

S235	104	S234 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:37
S236	90	S235 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:51
S237	89	S236 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:54
S238	58	S237 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:54
S239	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2014/10/30 18:22
S240	2	"20060095128".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 18:38
S241	60841	BLUM.in. or KOKONASKI.in. or LONGA.in. or GRAHAM.in. or HADDOCK.in. or WILLEY.in. or TABACCHI.in. or BOCK.in. or PINAZZA.in. or RICHMAN.in. or OZGUZ.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:19
S242	13953	Pugh.in. or Otts.in. or Riall.in. or Snook.in. or Putt.in. or Kernick.in. or Flitsch.in. or Higham.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:26
S243	153256	Jannard.in. or Nattress.in. or Mathur.in. or DaSilva.in. or Land.in. or Rose.in. or Davis.in. or Neil.in. or Reyes.in. or Yee.in. or Thixton or Baden.in. or Arnette.in. or Tackels.in. or Houston.in. or Moritz.in. or Rohrbach.in. or Zentil.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:41
S244	226757	S241 or S242 or S243	US-PGPUB; USPAT;	OR	ON	2014/10/30 19:41

			USOCR; EPO; JPO; DERWENT; IBM_TDB			
S245	17	S236 and S244	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:42
S246	6	S245 not S238	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:42
S247	73	S236 not S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:44
S248	73	S225 and S247	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:44
S249	73	S248 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:45
S250	1	(US-5455638-$).did.	USPAT	OR	ON	2014/10/30 20:27
S251	1	(US-4520238-$).did.	USPAT	OR	ON	2014/10/30 20:28
S252	9	"20100265456".pn. or "42433068".pn. or "20080273166".pn. or "4991951".pn. or "6772448".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 20:57
S253	2	"20050239502".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:02
S254	2	"20090201460".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:02
S255	2	"20120262667".pn.	US-PGPUB; USPAT; USOCR;	OR	ON	2014/10/30 21:02

			EPO; JPO; DERWENT; IBM_TDB			
S256	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:03
S257	16629	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:20
S258	16979	351/41-158,178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:21
S259	359	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:32
S260	563	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:32
S261	17348	S258 or S259 or S260	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:34
S262	1410	S261 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:34
S263	1381	S262 not (S238 or S245)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:35
S264	347	S263 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:36

S265	188	S264 and (cable$2 or cord or wire or connector or multiconduct$5 or multi-conduct$5 or (multi$4 adj2 conduct$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:37
S266	63	S265 and (plug$4 or receptacle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:38
S267	9	S266 and (plug$4 and receptacle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:39
S268	54	S266 not S267	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:41
S269	1	(US-6824265-$).did.	USPAT	OR	ON	2014/10/31 01:05
S270	4	S239 or S250 or S251 or S269	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:05
S271	327074	((conduct$5 or (metal or metallic or metalic or metalized or metalization or metalizing)) near4 (elast$8 or rubber$5)) or (conductive near6 polymer near6 metal$4 near6 ion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:17
S272	2	S270 and S271	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:17
S273	1	(US-4520238-$).did.	USPAT	OR	ON	2014/10/31 02:07
S274	1	(US-5455638-$).did.	USPAT	OR	ON	2014/10/31 02:07
S275	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2014/10/31 02:07
S276	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2015/06/24 11:34
S277	1	S276 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2015/06/24 11:35

			IBM_TDB			
S278	1	(US-5455638-$).did.	USPAT	OR	ON	2015/06/24 11:46
S279	1	S278 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 11:46
S280	1	(US-6824265-$).did.	USPAT	OR	ON	2015/06/24 11:51
S281	1	(US-4520238-$).did.	USPAT	OR	ON	2015/06/24 11:51
S282	2	S280 or S281	USPAT	OR	ON	2015/06/24 11:51
S283	2	S282 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 12:12
S284	342	US-2437642-$.DID. OR US-2576581-$.DID. OR US-2930857-$.DID. OR US-3161718-$.DID. OR US-3245315-$.DID. OR US-3309162-$.DID. OR US-3614215-$.DID. OR US-3738734-$.DID. OR US-3791719-$.DID. OR US-4062629-$.DID. OR US-4152846-$.DID. OR US-4174156-$.DID. OR US-4181408-$.DID. OR US-4190330-$.DID. OR US-4243306-$.DID. OR US-4264154-$.DID. OR US-4279474-$.DID. OR US-4283127-$.DID. OR US-4300818-$.DID. OR US-4320939-$.DID. OR US-1563929-$.DID. OR US-2170613-$.DID. OR US-4373218-$.DID. OR US-4395736-$.DID. OR US-4418990-$.DID. OR US-4423929-$.DID. OR US-4431262-$.DID. OR US-4457585-$.DID. OR US-4461550-$.DID. OR US-4466703-$.DID. OR US-4466706-$.DID. OR US-4529268-$.DID. OR US-4537479-$.DID. OR US-4564267-$.DID. OR US-4572616-$.DID. OR US-4577928-$.DID. OR US-4601545-$.DID. OR US-4609824-$.DID. OR US-4712870-$.DID. OR US-4756605-$.DID. OR US-4772094-$.DID. OR US-D298250-$.DID. OR US-2169417-$.DID. OR US-4787733-$.DID. OR US-4787903-$.DID. OR US-4795248-$.DID. OR US-4813777-$.DID. OR US-4818095-$.DID. OR US-4836652-$.DID. OR US-4842400-$.DID. OR US-4875030-$.DID. OR US-4880300-$.DID. OR US-4890903-$.DID. OR US-4904063-$.DID. OR US-4907860-$.DID. OR US-4909626-$.DID. OR US-4919520-$.DID. OR US-4921728-$.DID. OR US-5011990-$.DID. OR US-4927241-$.DID. OR US-4929865-$.DID. OR US-4930884-	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2015/06/24 13:28

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S285	0	S281 and S284	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 14:34
S286	17064	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S287	9755	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S288	628	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S289	26018	S286 or S287 or S288	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S290	891	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S291	1160	351/90-102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S292	891	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S293	891	S292	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11

S294	17431	351/41-158,178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S295	366	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S296	786	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S297	17903	S294 or S295 or S296	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S298	26808	351/41-178.ccls. or S289 or S290 or S297 or S291 or S293	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S299	4397	S298 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:13
S300	766	S299 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:13
S301	3051	S299 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:16
S302	1685	S301 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/06/24 16:18

			DERWENT; IBM_TDB			
S303	357	S302 and ((electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:19
S304	77	S303 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:22
S305	77	S304 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:23
S306	77	S304 or S305	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:24
S307	1	(US-20080002141-$).did.	US-PGPUB	OR	ON	2015/06/24 16:27
S308	62422	BLUM.in. or KOKONASKI.in. or LONGA.in. or GRAHAM.in. or HADDOCK.in. or WILLEY.in. or TABACCHI.in. or BOCK.in. or PINAZZA.in. or RICHMAN.in. or OZGUZ.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:41
S309	123031	mitsui.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:42
S310	185436	S308 or S309	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:42
S311	23775	S310 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/06/24 18:43

		sealing or sealer or proof or proofing or proofed or tight or tightly)	DERWENT; IBM_TDB			
S312	3510	S311 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:46
S313	159	S312 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:47
S314	1	(US-20130215374-$).did.	US-PGPUB	OR	ON	2015/06/24 18:51
S315	34	"9028062".pn. or "8979259".pn. or "8944590".pn. or "8905541".pn. or "20140293215".pn. or EP2745167.pn. or "8708483".pn. or "20140104566".pn. or AU2012296482.pn. or "20130278881".pn. or "20130242253".pn. or "20130201439".pn. or "20130070198".pn. or CA2844986.pn. or WO2013025933.pn. or "20130010256".pn. or "8337014".pn. or "20120127420".pn. or "20120127423".pn. or "20120002160".pn. or "20120002159".pn. or "20100271588".pn. or "20100177277".pn. or "20080273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 19:04
S322	21015	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:08
S323	5667	S322 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:09
S324	2805	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/11/30 19:10

		sunglasses or sun-glasses)).clm.)	DERWENT; IBM_TDB			
S325	1095	S323 and S324	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:11
S326	202	S325 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:11
S327	21023	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S328	5671	S327 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S329	2806	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S330	1096	S328 and S329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S331	202	S330 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S332	162	S331 and (wire or wiring or wired or connector or cable or interconnect$3 or inter-connect$3 or conduct$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:05

S333	842	((insulat$5 same (grease or acrylic or silicone or urethane or epoxy)) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:13
S334	807	S333 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:14
S335	90	S334 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:15
S336	88	S335 and (wire or wiring or wired or connector or cable or interconnect$3 or inter-connect$3 or conduct$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:15
S337	1	(US-5946071-$).did.	USPAT	OR	ON	2015/12/01 01:19
S338	1	(US-6231703-$).did.	USPAT	OR	ON	2015/12/01 01:21
S339	1	(US-20020140899-$).did.	US-PGPUB	OR	ON	2015/12/01 01:26
S340	1	(US-20120310339-$).did.	US-PGPUB	OR	ON	2015/12/01 01:37
S341	1	(US-20130070198-$).did.	US-PGPUB	OR	ON	2015/12/01 01:38
S342	1	(US-20140213917-$).did.	US-PGPUB	OR	ON	2015/12/01 01:40
S343	1	(US-20130215374-$).did.	US-PGPUB	OR	ON	2015/12/01 01:40
S344	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 07:33
S345	1	S344 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 07:34
S346	1349	(((silicone or (polymerized adj2	US-PGPUB;	OR	ON	2015/12/01

		siloxanes) or polysiloxane) near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			08:38
S347	1173	S346 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:39
S348	54781	(((silicone or (polymerized adj2 siloxanes) or polysiloxane) near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (insulat$5 or grease or acrylic or silicone or urethane or epoxy) same (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:42
S349	544	S347 and S348	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:43
S350	29	S349 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:44
S351	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 08:53
S352	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 09:08
S353	515	S349 not S350	US-PGPUB; USPAT;	OR	ON	2015/12/01 09:10

			USOCR; EPO; JPO; DERWENT; IBM_TDB			
S354	317	S353 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:26
S355	32	S354 and insulat$5 and grease and (acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:27
S356	285	S354 not S355	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:30
S357	1	(US-20080130272-$).did.	US-PGPUB	OR	ON	2015/12/01 10:37
S358	21023	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S359	5671	S358 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S360	2806	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S361	1096	S359 and S360	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S362	308	S361 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy or polyurethane)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2015/12/01 11:18

			EPO; JPO; DERWENT; IBM_TDB			
S363	303	S362 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:21
S364	1	(US-20080239452-$).did.	US-PGPUB	OR	ON	2015/12/01 11:36
S365	1836	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S366	2723	G02C11/00.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S367	625	G02C11/04.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S368	951	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S369	1827	351/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:24
S370	84	S365 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:24
S371	13	"11261035"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:40

S372	3388	S365 or S366 or S367 or S368 or S369	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:43
S373	124	S372 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:44
S374	40	S373 not S370	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:44
S375	40	S374 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:59
S376	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2015/12/01 13:01
S377	986	(insulat$5 and (grease or acrylic or silicone or urethane or epoxy)) same (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:01
S378	97	S377 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:02
S379	1836	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S380	2723	G02C11/00.cpc.	US-PGPUB; USPAT; USOCR;	OR	ON	2015/12/01 14:04

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S381	625	G02C11/04.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S382	951	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S383	1827	351/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S384	84	S379 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S385	3388	S379 or S380 or S381 or S382 or S383	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S386	124	S385 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S387	40	S386 not S384	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S388	40	S387 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S389	73	S378 not (S384 or S386 or S388)	US-PGPUB; USPAT;	OR	ON	2015/12/01 14:04

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S390	81	(US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$ or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$ or US-20060132382-$ or US-20130293448-$).did. or (US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-5229885-$).did. or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2015/12/01 14:15
S391	54	S390 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:16

S393	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 19:06
S394	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 19:15
S395	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 19:18
S396	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 23:28
S397	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 23:51
S398	2	S397 and (configured or adapted or designed or capable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 23:52
S399	2	(US-5455638-$ or US-4520238-$).did.	USPAT	OR	ON	2015/12/02 00:43
S400	2	"20060132382".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/02 00:43
S401	1	(US-6824265-$).did.	USPAT	OR	ON	2015/12/02 00:45
S402	6	S396 or S399 or S401 or S400	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/02 00:45
S403	5	(US-20090082835-$ or US-20060132382-$).did. or (US-5455638-$ or US-4520238-$ or US-6824265-$).did.	US-PGPUB; USPAT	OR	ON	2015/12/02 00:46
S404	163251	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:06
S405	17858	S404 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:07
S406	13048	S405 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2016/06/19 00:08

		hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	DERWENT; IBM_TDB			
S407	1061	S406 and ((waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer) with (grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:10
S408	137	S407 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) same ((waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer) same (grease or acrylic or silicone or urethane or epoxy)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:10
S409	132	S408 and (seal or sealed or sealing or sealer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:11
S410	94	S409 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:12
S411	96	S409 and (power or electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:12
S412	96	S409 and (hearing or power or electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:13
S413	1	(US-5066022-$).did.	USPAT	OR	ON	2016/06/19

						00:14
S414	1	(US-6166849-$).did.	USPAT	OR	ON	2016/06/19 00:15
S415	1	(US-20010024719-$).did.	US-PGPUB	OR	ON	2016/06/19 00:15
S416	1	(US-20020140899-$).did.	US-PGPUB	OR	ON	2016/06/19 00:16
S417	1	(US-6787606-$).did.	USPAT	OR	ON	2016/06/19 00:17
S418	1	(US-20120029367-$).did.	US-PGPUB	OR	ON	2016/06/19 00:19
S419	1	(US-20140104566-$).did.	DERWENT	OR	ON	2016/06/19 00:20
S420	1	(US-20120029367-$).did.	US-PGPUB	OR	ON	2016/06/19 18:21
S421	1	(US-20030231293-$).did.	US-PGPUB	OR	ON	2016/06/19 18:23
S422	1	(US-6166849-$).did.	USPAT	OR	ON	2016/06/19 18:29
S423	1	(US-5066022-$).did.	USPAT	OR	ON	2016/06/19 18:31
S424	837179	((seal or sealed or sealing or sealer) with (hearing or power or electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 18:47
S425	2688	S424 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 18:48
S426	1458	S425 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 18:49
S427	223	S426 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 18:50
S428	1	(US-4254451-$).did.	USPAT	OR	ON	2016/06/19 18:58
S429	837179	((seal or sealed or sealing or sealer) with (hearing or power or electronics or electrical or battery or batteries or	US-PGPUB; USPAT; USOCR;	OR	ON	2016/06/19 22:46

		microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S430	2688	S429 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:46
S431	1458	S430 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:46
S432	223	S431 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:46
S433	33	S432 and (optic$4 adj2 power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:46
S434	190	S432 not S433	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:47
S435	166	S434 and (wire or wired or wiring or cable or cabling or conductor or conductive or conducting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:49
S436	1	(US-4254451-$).did.	USPAT	OR	ON	2016/06/19 23:07
S437	60	S435 and (battery or batteries or solar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 23:09
S438	172	S434 and (wire or wired or wiring or cable or cabling or conductor or	US-PGPUB; USPAT;	OR	ON	2016/06/19 23:09

		conductive or conducting or ribbon or circuit$3)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S439	64	S438 and (battery or batteries or solar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 23:10
S440	1	(US-6433913-$).did.	USPAT	OR	ON	2016/06/19 23:38
S441	1	(US-20030095336-$).did.	US-PGPUB	OR	ON	2016/06/19 23:41
S442	1	(US-20040160538-$).did.	US-PGPUB	OR	ON	2016/06/19 23:43
S443	1	(US-4254451-$).did.	USPAT	OR	ON	2016/06/20 00:24
S444	1	(US-5455638-$).did.	USPAT	OR	ON	2016/06/20 01:33
S445	1	S444 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:34
S446	134	((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)) same ((seal$4) with (grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:36
S447	62	S446 and (optic$4 adj2 power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:37
S448	40	S446 and (optic$4 adj power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:37
S449	94	S446 not S448	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:37
S450	66	S449 and ((light$3 or ("LED") or diode or hearing or power or electronics or electrical or battery or batteries or	US-PGPUB; USPAT; USOCR;	OR	ON	2016/06/20 01:39

		solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S451	1877	351/158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:56
S452	248	S451 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:57
S453	229	S452 and ((light$3 or ("LED") or diode or hearing or power or electronics or electrical or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:58
S454	208	S453 and ((lamp or ("LED") or diode or hearing or power or electronics or electrical or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:59
S455	1	(US-5654786-$).did.	USPAT	OR	ON	2016/06/20 02:07
S456	1	(US-5946071-$).did.	USPAT	OR	ON	2016/06/20 02:10
S457	1	(US-20070030442-$).did.	US-PGPUB	OR	ON	2016/06/20 02:20
S458	1	(US-7581833-$).did.	USPAT	OR	ON	2016/06/20 02:30
S459	3	"20070046887".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 02:31

S460	1	S459 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 02:31
S461	1	(US-20070046887-$).did.	US-PGPUB	OR	ON	2016/06/20 02:32
S462	1	(US-7874666-$).did.	USPAT	OR	ON	2016/06/20 02:40
S463	1	(US-20110187989-$).did.	US-PGPUB	OR	ON	2016/06/20 02:43

6/20/2016 1:12:39 PM
C:\Users\goneill\Documents\EAST\Workspaces\13890809.wsp

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13890809	BLUM ET AL.
	Examiner	**Art Unit**
	GARY O'NEILL	2872

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

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

CLAIM		DATE								
Final	Original	10/31/2014	06/24/2015	12/02/2015	06/20/2016					
	1	✓	✓	✓	✓					
	2	✓	✓	✓	✓					
	3	✓	✓	✓	-					
	4	✓	✓	✓	✓					
	5	✓	✓	✓	✓					
	6	✓	✓	✓	✓					
	7	✓	✓	✓	✓					
	8	✓	✓	✓	✓					
	9	✓	✓	✓	✓					
	10	✓	✓	✓	✓					
	11	✓	✓	✓	✓					
	12	✓	✓	✓	✓					
	13	✓	✓	✓	✓					
	14		✓	✓	✓					
	15		✓	-	-					
	16		✓	✓	✓					
	17		✓	✓	✓					
	18		✓	✓	✓					
	19				✓					

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	13/890,809	Filing Date	2013-05-09	Docket Number (if applicable)	3585.1260000	Art Unit	2875
First Named Inventor	Ronald D. BLUM			Examiner Name	O'NEILL, Gary William		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 190036

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

EFS - Web 2.1.15

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Signature of Registered U.S. Patent Practitioner			
Signature		Date (YYYY-MM-DD)	2016-09-28
Name	John P. McGroarty	Registration Number	41186

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is 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 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.

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: BLUM *et al.*	Confirmation No.: 9971
Applicant: MITSUI CHEMICALS, INC.	Art Unit: 2872
Application No.: 13/890,809	Examiner: O'NEILL, Gary William
Filing Date: May 9, 2013	Atty. Docket: 3585.1260000

Title: **MOISTURE-RESISTANT EYE WEAR**

Amendment and Reply Under 37 C.F.R. § 1.114

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop RCE

Commissioner:

In reply to the Office Action dated June 29, 2016, Applicant submits the following Amendment and Remarks.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any additional fees required to continue prosecution or appeal of this application (including issue fee, fees for net addition of claims or forwarding to appeal) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An eyewear system comprising:

an eyewear frame;

an electronics ~~module~~ assembly comprising electronic[[s]] components configured to control ~~for controlling~~ an electrical functional member; [[and]]

at least one electrical connective element electrically connected to ~~the electronics of~~ the electronics ~~module~~ assembly and the electrical functional member[[,]]; and

~~wherein the electronics module is disposed within the eyewear frame and sealed with a material selected from a group consisting of electrically insulating grease, acrylic, silicone, urethane, and epoxy.~~

a conformal layer over the electronic assembly to seal the electronic components;

wherein the conformal layer is moisture proof and seals electrical connections of the electronic component;

wherein the conformal layer is disposed in an enclosure of the eyewear frame;

wherein the eyewear frame comprises a temple; and

wherein the electronic assembly is enclosed in the temple.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) The eyewear system of claim 1, wherein ~~the eyewear system is electronic eyewear including a lens, wherein the lens comprises the electrical functional member~~ the electrical functional member comprises a lens.

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Currently Amended) The eyewear system of claim 1, wherein the ~~electronic~~ electrical functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a GPS, an alarm, a hearing aid, a virtual reality function, an augmented reality function, a gaming function, an audio output function, a microphone function, a recording function, a transmitter function, a pedometer, and an active 3D function.

11. (Currently Amended) The eyewear system of claim 1, wherein the electrical connective element is a conductive compressible member or a multi-conductor cable.

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (New) The eyewear system of claim 1, wherein the electronic assembly comprises at least one of a touch sensor or a micro-processor.

21. (New) The eyewear system of claim 1, wherein the enclosure comprises at least one of an outer casing of the electronic assembly or a cavity of the eyewear frame.

22. (New) The eyewear system of claim 1, wherein the conformal layer comprises at least one of an encasing layer or an encapsulating layer.

23. (New) The eyewear system of claim 1, wherein the conformal layer protects the electronic components from external environmental damage.

24. (New) The eyewear system of claim 1, wherein the conformal layer is a conformal coating.

25. (New) The eyewear system of claim 23, wherein a thickness of the conformal coating is less than 1 mm.

26. (New) The eyewear system of claim 23, wherein the conformal coating comprises at least one of an acrylic, urethane, silicone, or epoxy.

27. (New) The eyewear system of claim 26, wherein the conformal coating is brush applied, spray applied, or dip applied.

28. (New) A method of manufacturing an eyewear system comprising:

providing a plurality of electronic components;

connecting the plurality of electronics via electrical connections to form an electronic assembly;

depositing a conformal layer over the electronic assembly; and

coupling the electronic assembly with the conformal layer to an enclosure of an eyewear frame.

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 1, 4, 10–11, and 20–28 are pending in the application, with claims 1 and 28 being the independent claims. Claims 1, 4, and 10–11 are sought to be amended. Support for these amendments comes from at least Figures 11, 14–15, and 21–24C, and ¶¶ [0013], [0059], [0105], [0150], [0154], and [0155]. Claims 2, 5–9, 12–14, and 16–19 are sought to be canceled without prejudice to or disclaimer of the subject matter therein.

New claims 20–28 are sought to be added. Support for new claim 20 comes from at least ¶ [0147]. Support for new claim 21 comes from at least ¶¶ [0149] and [0154]. Support for new claim 22 comes from at least ¶¶ [0149] and [0153]. Support for new claim 23 comes from at least ¶¶ [0143] and [0149]. Support for new claim 24 comes from at least ¶ [0150]. Support for new claim 25 comes from at least ¶¶ [0150] and [0153]. Support for new claim 26 comes from at least ¶ [0150]. Support for new claim 27 comes from at least ¶ [0150]. Support for new claim 28 comes from at least ¶ [0149]–[0154]. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Rejections under 35 U.S.C. § 103 based on Cochran in view of Bauer

Claims 1, 2, 4–11, 13, 14, and 16–19 are rejected under 35 U.S.C. § 103 as allegedly being unpatentable over U.S. Patent No. 4,254,451 to Cochran, Jr. ("Cochran") in view of U.S. Patent No. 6,433,913 B1 to Bauer *et al.* ("Bauer").

A. Independent Claim 1

Amended claim 1 includes a conformal layer over the electronic assembly to seal the electronic components and a temple wherein the electronic assembly is enclosed. Support for these amendments come from at least Figures 11, 14–15, and 21–24C, and ¶¶ [0059], [0105], [0149], [0150], and [0154]. Applicant respectfully asserts neither Cochran nor Bauer teaches or suggests a conformal layer for the purpose of sealing electronic components as disclosed in amended claim 1.

1. Cochran

The Office asserts Cochran teaches an eyewear system comprising an electronics module that is disposed in the eyewear frame and sealed. (Office Action dated June 29, 2016.) Regarding the claim limitation directed to sealing with a conformal layer, Cochran appears to use "seal" to describe the result of mechanical coupling: "the flex circuit 30 and flat pack module 32 sealed between the adjoining halves of the lens-holding portion 16." (Cochran, 3:54–60.) Cochran does not teach or imply a conformal layer over the electronic assembly to seal the electronic components. In contrast to the teachings of Cochran, amended claim 1 discloses a conformal layer over an electronic assembly to seal the electronic components, and the conformal layer is disposed in an eyewear frame, which contributes to a robust structure for an eyewear with a moisture proof function.

In addition, the claimed structure requires that the electronic assembly is enclosed in the temple. But, "lens holding portion 16" of Cochran is not in a temple. Rather, "lens holding portion 16" is used for holding lenses, and may be more susceptible to damage. Electrical connections may be exposed by such damage.

2. Bauer

The Office previously cited Bauer as disclosing specific materials not taught by Cochran: "Bauer discloses in an eyewear system (figures 5, 6) sealing (130) via a material selected from a group consisting of electrically-insulating grease, acrylic, silicone, urethane, or epoxy." (Office Action dated June 29, 2016.) Claim 1 has been amended, rendering moot for purposes of claim 1 this disclosure of Bauer.

As with Cochran, Bauer refers to a "seal": a "bonding seal 130 disposed between and adhered to the transparent conductive layers 126 and 128" that is "generally disposed around the entire periphery of the front and rear lens elements." (Bauer, 17:47–51.) Further, "[t]he seal 130 may comprise a strip or gasket." (Bauer, 17:58–60.) This strip or gasket is used to seal a "chamber 124" containing a "photovoltaic cell 132" and an "electrochromic solution 118" within the chamber. (Bauer, 15:23–45; Bauer, Fig. 6.) The seal in Bauer defines a chamber located between lens elements 120 and 122. (Bauer, 17:61–66.) Bauer also discloses a "tubular member 138 which functions to insulate the photovoltaic cell and its terminals from the electrochromic solution in the chamber 124 to prevent short circuiting of the terminals 134 and 136 by the electrochromic solution." (Bauer, 15:39–43.)

And, as with Cochran, Bauer fails to disclose each of the following claim elements: (1) a conformal layer (2) disposed over the electronic assembly that is (3) enclosed in the temple of the eyewear frame, not in the lens elements.

The "seal" of Bauer is fundamentally different from the claimed conformal layer in configuration, position, and purpose. Bauer seeks to seal a chamber in the lens elements to contain

an electrochemical solution. So, Applicant respectfully submits neither "seal 130" nor "tubular member 138" teach or suggest a conformal layer as in amended claim 1.

So, Applicant respectfully requests the Office withdraw the § 103 rejection.

B. Dependent Claims 4, 10–11, and 20–27

Claims 4 and 10–11 depend from amended claim 1. New claims 20–27 are sought to be added as claims dependent on amended claim 1. Thus, dependent claims 4, 10–11, and 20–27 are allowable for at least the same reasons as amended claim 1. Applicant respectfully requests the Office withdraw the § 103 rejection with respect to claims 4 and 10–11. Applicant respectfully requests the Office allow new dependent claims 20–27.

C. New Independent Claim 28

New independent claim 28 is sought to be added. Support for new claim 28 comes from at least ¶¶ [0149]–[0154]. New independent claim 28 is allowable for at least the same reasons as amended claim 1. Applicant respectfully requests the Office allow new independent claim 28.

D. Canceled Claims 2, 5–9, 13–14, 16–19

Without acquiescing to the propriety of the Office's position, claims 2, 5–9, 13–14, and 16–19 have been canceled, rendering the rejections moot.

Rejections under 35 U.S.C. § 103 based on Cochran in view of Bauer and further in view of Kallman

Claim 12 is rejected under 35 U.S.C. § 103 as allegedly being unpatentable over Cochran in view of Bauer as applied to claim 11 above, and further in view of U.S. Patent No. 5,455,638 to Kallman *et al.* ("Kallman"). Without acquiescing to the propriety of the Office's position, Claim 12 has been canceled, rendering this rejection moot.

Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

John P. McGroarty
Attorney for Applicant
Registration No. 41,186

Date: 9/28/2016

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(202) 371-2600

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Atty. Dkt. No. 3585.1260000

PTO AIA/14 Equivalent (11-15)

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	3585.1260000
	Application Number	13/890,809
Title of Invention	MOISTURE RESISTANT EYE WEAR	

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.

Inventor Information:

Inventor 8 Legal Name:				
Prefix	**Given Name**	**Middle Name**	**Family Name**	**Suffix**
	Martin		~~BOCK~~ BOCH	

Residence Information (Select One):
☒ US Residency ☐ Non US Residency ☐ Active US Military Service

City	Roanoke	**State/Province**	Virginia	**Country of Residence**	United States

Mailing Address of Inventor:

Address 1	5241 Valleypark Drive		
Address 2			
City	Roanoke	**State/Province**	Virginia
Postal Code	24019	**Country**	United States

Signature:

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	John McGroarty			**Date (YYYY-MM-DD)**	2016-09-28
First Name	John	**Last Name**	McGroarty	**Registration Number**	41,186

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	MOISTURE-RESISTANT EYE WEAR

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 13/890,809

filed on May 9, 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.

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LEGAL NAME OF INVENTOR

Inventor: Volkan OZGUZ Date (Optional) _____

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

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LEGAL NAME OF INVENTOR

Inventor: Martin BOCH Date (Optional): 2015 - Jan. 12

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

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LEGAL NAME OF INVENTOR

Inventor: Tiziano TABACCHI Date (Optional): 13/01/2015

Signature: Tiziano Tabacchi

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LEGAL NAME OF INVENTOR

Inventor: Joshua HADDOCK Date (Optional): 12/29/2014

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

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LEGAL NAME OF INVENTOR

Inventor: Claudio DALLA LONGA Date (Optional): _____

Signature: _____

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LEGAL NAME OF INVENTOR

Inventor: William KOKONASKI Date (Optional): 4/9/15

Signature:

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	MOISTURE-RESISTANT EYE WEAR

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 13/890,809

filed on May 9, 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 D. BLUM Date (Optional): 1/19/15

Signature:

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. 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)
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LEGAL NAME OF INVENTOR

Inventor: Charles WILLEY Date (Optional) 9th Jan 2015

Signature: [signature]

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

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Title of Invention	MOISTURE-RESISTANT EYE WEAR

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LEGAL NAME OF INVENTOR

Inventor: Massimo PINAZZA Date (Optional) 29/12/2014

Signature

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

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Doc code: Oath
Document Description: Oath or declaration filed

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SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

Title of Invention	MOISTURE-RESISTANT EYE WEAR

This statement is directed to:

☐ The attached application,

OR

☒ United States application or PCT international application number 13/890,809 filed on May 9, 2013.

LEGAL NAME of inventor to whom this substitute statement applies:

(*E.g.*, Given Name (first and middle (if any)) and Family Name or Surname)

Scott N. RICHMAN

Residence (except for a deceased or legally incapacitated inventor):

City	State	Country
Roanoke	Virginia	US

Mailing Address (except for a deceased or legally incapacitated inventor):

5241 Valleypark Drive

City	State	Zip	Country
Roanoke	Virginia	24019	US

I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Relationship to the inventor to whom this substitute statement applies:

- ☐ Legal Representative (for deceased or legally incapacitated inventor only),
- ☒ Assignee,
- ☐ Person to whom the inventor is under an obligation to assign,
- ☐ Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or
- ☐ Joint 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.**

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PTO/SB/AIA02 (07-13)
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SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- [ ] Inventor is deceased,
- [ ] Inventor is under legal incapacity,
- [X] Inventor cannot be found or reached after diligent effort, or
- [ ] Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- [X] An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- [ ] An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: Yoshihiro Yamamoto

Date (Optional): 4/27/2016

Signature:

APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Applicant Name: Mitsui Chemicals, Inc.

Title of Person Executing This Substitute Statement: General Manager, Intellectual Property Division

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City	State	Country
Tokyo		JP

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

Shiodome City Center 1-5-2, Higashi-Shimbashi, Minato-ku

City	State	Zip	Country
Tokyo		105-7117	JP

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

Doc code: Oath
Document Description: Oath or declaration filed

PTO/AIA/02 (07-13)
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SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

Title of Invention	MOISTURE-RESISTANT EYE WEAR

This statement is directed to:

☐ The attached application,

OR

☒ United States application or PCT international application number 13/890,809 filed on May 9, 2013.

LEGAL NAME of inventor to whom this substitute statement applies:

(*E.g.*, Given Name (first and middle (if any)) and Family Name or Surname)

Mark GRAHAM

Residence (except for a deceased or legally incapacitated inventor):

City	State	Country
Madison Heights	Virginia	US

Mailing Address (except for a deceased or legally incapacitated inventor):

474 Amelon Road

City	State	Zip	Country
Madison Heights	Virginia	24572	US

I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.

The above-identified application was made or authorized to be made by me.

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- ☐ Legal Representative (for deceased or legally incapacitated inventor only),
- ☒ Assignee,
- ☐ Person to whom the inventor is under an obligation to assign,
- ☐ Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or
- ☐ Joint Inventor.

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SUBSTITUTE STATEMENT

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- [ ] Inventor is under legal incapacity,
- [ ] Inventor cannot be found or reached after diligent effort, or
- [X] Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- [X] An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- [ ] An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: Yoshihiro Yamamoto

Date (Optional): 4/27/2016

Signature:

APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Applicant Name: Mitsui Chemicals, Inc.

Title of Person Executing This Substitute Statement: General Manager, Intellectual Property Division

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City	State	Country
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City	State	Zip	Country
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Electronic Patent Application Fee Transmittal

Application Number:	13890809
Filing Date:	09-May-2013
Title of Invention:	MOISTURE-RESISTANT EYE WEAR
First Named Inventor/Applicant Name:	Ronald D. Blum
Filer:	John P. McGroarty/Catherine Saunders
Attorney Docket Number:	3585.1260000

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

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

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	1820	1	1700	1700
		Total in USD ($)		**1700**

Electronic Acknowledgement Receipt	
EFS ID:	27063715
Application Number:	13890809
International Application Number:	
Confirmation Number:	9971
Title of Invention:	MOISTURE-RESISTANT EYE WEAR
First Named Inventor/Applicant Name:	Ronald D. Blum
Customer Number:	115626
Filer:	John P. McGroarty/Catherine Saunders
Filer Authorized By:	John P. McGroarty
Attorney Docket Number:	3585.1260000
Receipt Date:	28-SEP-2016
Filing Date:	09-MAY-2013
Time Stamp:	17:47:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$1700
RAM confirmation Number	092916INTEFSW17484200
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		35851260000_FILING_DOCS.pdf	399275 2469889f1c9a21793135a59ae482009661c790ba	yes	13

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Transmittal Letter	1	1
	Request for Continued Examination (RCE)	2	3
	Amendment Submitted/Entered with Filing of CPA/RCE	4	4
	Claims	5	8
	Applicant Arguments/Remarks Made in an Amendment	9	13

Warnings:					
Information:					
2	Application Data Sheet	35851260000_ADS.pdf	48690 f56e62e7b5d69affeb97e90b7ec80e98d7d76bed	no	1
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
3	Oath or Declaration filed	35851260000_DECS.pdf	2125345 a04eac2c43257928fd5be60140457f8703a68c0a	no	9
Warnings:					
Information:					
4	Oath or Declaration filed	35851260000_SUB_STMTS.pdf	204701 4d2a19062292eb18e33c2d336bd24b2e59864976	no	4
Warnings:					

Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	30565 8a1866c15edc2c95ba6f7690287d0a07c3fc318d	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	2808576	

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

Doc Code: TRAN.LET

Document Description: Transmittal Letter

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	13/890,809
Filing Date	May 9, 2013
First Named Inventor	Ronald D. BLUM
Art Unit	2872
Examiner Name	O'NEILL, Gary William
Attorney Docket Number	3585.1260000

Total Number of Pages in This Submission

ENCLOSURES *(Check all that apply)*

- [ ] Fee Transmittal Form
- [X] Fee Attached
- [X] Amendment/Reply
  - [X] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Reply to Missing Parts/ Incomplete Application
  - [ ] Reply to Missing Parts under 37 CFR 1.52 or 1.53
- [ ] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Power of Attorney, Revocation Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____
  - [ ] Landscape Table on CD
- [ ] After Allowance Communication to TC
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- [ ] Proprietary Information
- [ ] Status Letter
- [X] Other Enclosure(s) (please identify below):

Request for Continued Examination (RCE) Transmittal Form; Nine (9) Executed Inventors' Declarations; Two (2) Substitute Statements in Lieu of an Oath or Declaration; and Corrective Application Data Sheet

Remarks

Online Credit Card Authorization in the amount of $1,700.00 for Request for Continued Examination fee (2nd or subsequent).

The Office may charge any fee deficiency for any submission made with this transmittal to Deposit Account No. 19-0036.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.		
Signature	/John M/		
Printed name	John P. McGroarty		
Date	9/28/2016	Reg. No.	41,186

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. 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 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/06 (09-11)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/890,809	Filing Date 05/09/2013	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

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

APPLICATION AS AMENDED – PART II

AMENDMENT **09/28/2016**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 13	Minus	** 20	= 0	X $80 =	0
Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X $420 =	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

AMENDMENT

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

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

LIE
/VICTORIA BROWN/

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.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/890,809	05/09/2013	Ronald D. Blum	3585.1260000	9971

115626 7590 03/14/2017
Sterne, Kessler, Goldstein & Fox P.L.L.C.
1100 New York Avenue NW
Washington, DC 20005

EXAMINER	
O'NEILL, GARY WILLIAM	

ART UNIT	PAPER NUMBER
2872	

MAIL DATE	DELIVERY MODE
03/14/2017	PAPER

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

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

Office Action Summary	Application No. 13/890,809	Applicant(s) BLUM ET AL.	
	Examiner GARY O'NEILL	Art Unit 2872	AIA (First Inventor to File) Status Yes

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

Period for Reply

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

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

Status

1)☒ Responsive to communication(s) filed on *09/28/2016*.

☐ 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, 4, 10, 11 and 20-28* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1,4,10,11 and 20-28* 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 *05/09/2013* 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

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

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 09/28/2016 has been entered.

Response to Arguments

3. Applicant's arguments with respect to claims 1, 4, 10, 11 and 20-28 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Claim Rejections - 35 USC § 102

4. 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 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.

5. The following is a quotation of the appropriate paragraphs of 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 –
>
> (a)(1) the claimed invention was patented, described in a printed publication, or in public use, on sale or otherwise available to the public before the effective filing date of the claimed invention.
>
> (a)(2) the claimed invention was described in a patent issued under section 151, or in an application for patent published or deemed published under section 122(b), in which the patent or application, as the case may be, names another inventor and was effectively filed before the effective filing date of the claimed invention.

6. Claim 28 is rejected under 35 U.S.C. 102(a)(1)(a)(2) as being anticipated by Cochran (U.S. Patent 4,254,451).

7. Regarding claim 28, Cochran teaches a method of manufacturing an eyewear system (figures 1-5) comprising: providing a plurality of electronic components (18, 28, 30, 36, 38, etc.); connecting the plurality of electronics via electrical connections (plurality of conductive copper strips in flex circuit 30, column 3, lines 43-48) to form an electronic assembly (figure 4); depositing a conformal layer (flexible plastic ribbon layer, column 3, lines 44-48) over the electronic assembly (plurality of copper strips are deposited in flexible plastic, column 3, lines 43-48, figures 4, 5); and coupling the electronic assembly with the conformal layer to an enclosure of an eyewear frame (figures 4, 5).

Claim Rejections - 35 USC § 103

8. 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 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.

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

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

10. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103 are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

11. This application currently names joint inventors. In considering patentability of the claims the examiner presumes that the subject matter of the various claims was

commonly owned as of the effective filing date of the claimed invention(s) absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and effective filing dates of each claim that was not commonly owned as of the effective filing date of the later invention in order for the examiner to consider the applicability of 35 U.S.C. 102(b)(2)(C) for any potential 35 U.S.C. 102(a)(2) prior art against the later invention.

12. Claims 1, 10, 11, 20-24 and 26 are rejected under 35 U.S.C. 103 as being unpatentable over Cochran (U.S. Patent 4,254,451) in view of Howell et al. (U.S. Patent Publication 2005/0230596).

13. Regarding claim 1, Cochran teaches an eyewear system (figures 1-5) comprising: an eyewear frame (10); an electronics assembly (18, 30, 36, 38, etc.) comprising electronic components configured to control (column 4, lines 1-20) an electrical functional member (28); at least one electrical connective element (plurality of conductive copper strips in flex circuit 30, column 3, lines 43-48) electrically connected to the electronics assembly and the electrical functional member (column 3, lines 44-51), and a conformal layer (flexible plastic ribbon layer, column 3, lines 44-48) over the electronic assembly to seal the electronic components (plurality of copper strips are deposited in flexible plastic, column 3, lines 43-48, figures 4, 5); wherein the conformal layer is disposed in an enclosure of the eyewear frame (figures 4, 5); wherein the eyewear frame comprises a temple (12); and wherein the electronic assembly is enclosed in the temple (18, 36, column 3, lines 7-25), but fails to explicitly teach wherein the conformal layer is moisture proof and seals electrical connections of the electronic

component. Within the same field of endeavor Howell discloses an eyewear system (paragraph 0007, figures 14G, 19) wherein a conformal layer (1490) is moisture proof and seals electrical connections (epoxy, paragraph 0151) of an electronic component (1480). It would have been obvious to one having ordinary skill in the art before the time that the claimed invention was effectively filed to use the eyewear as taught by Cochran with the epoxy encapsulant as taught by Howell for the purpose of blocking unwanted radiation away from electronic components in a water proof eyewear system (Howell, paragraphs 0151, 0194).

14. Regarding claim 10, Cochran teaches wherein the electrical functional member includes at least one of an electronic display, a gaming function, and an active 3D function (displaying a plurality of sequentially actuated flashing light-emitting diodes to achieve an ornamental or decorative effect, abstract and column 1, lines 9-11).

15. Regarding claim 11, Cochran teaches wherein the electrical connective element is a conductive compressible member or a multiconductor cable (plurality of conductive copper strips in flex circuit 30, column 3, lines 43-48).

16. Regarding claim 20, Cochran teaches wherein the electronics assembly comprises at least one of a touch sensor or a micro-processor (programmable integrated circuit, column 3, lines 50-52).

17. Regarding claim 21, Cochran teaches wherein the enclosure comprises at least one of an outer casing of the electronic assembly or a cavity of the eyewear frame (figures 4, 5).

18. Regarding claim 22, Cochran teaches wherein the conformal layer comprises at least one of an encasing layer or an encapsulating layer (plurality of copper strips are deposited within an encasing flexible plastic layer, column 3, lines 43-48, figure 5).

19. Regarding claim 23, Cochran lacks the explicit teaching wherein the conformal layer protects the electronic components from external environmental damage. Within the same field of endeavor Howell discloses an eyewear system (paragraph 0007, figures 14G, 19) wherein the conformal layer protects the electronic components from external environmental damage (Howell, paragraph 0151). It would have been obvious to one having ordinary skill in the art before the time that the claimed invention was effectively filed to use the eyewear as taught by Cochran with the block epoxy encapsulant as taught by Howell for the purpose of blocking unwanted radiation away from electronic components and to water proof the eyewear system (Howell, paragraphs 0151, 0194).

20. Regarding claim 24, Cochran lacks the explicit teaching wherein the conformal layer is a conformal coating. Within the same field of endeavor Howell discloses an eyewear system (paragraph 0007, figures 14G, 19) wherein the conformal layer is a conformal coating (epoxy encapsulant, Howell, paragraph 0151). It would have been obvious to one having ordinary skill in the art before the time that the claimed invention was effectively filed to use the eyewear as taught by Cochran with the epoxy encapsulant as taught by Howell for the purpose of blocking unwanted radiation away from electronic components in a water proof eyewear system (Howell, paragraphs 0151, 0194).

21. Regarding claim 26, Cochran lacks the explicit teaching wherein the conformal coating comprises at least one of an acrylic, urethane, silicone, or epoxy. Within the same field of endeavor Howell discloses an eyewear system (paragraph 0007, figures 14G, 19) wherein the conformal coating comprises an epoxy (paragraph 0151). It would have been obvious to one having ordinary skill in the art before the time that the claimed invention was effectively filed to use the eyewear as taught by Cochran with the epoxy encapsulant as taught by Howell for the purpose of blocking unwanted radiation away from electronic components in a water proof eyewear system (Howell, paragraphs 0151, 0194).

22. Claims 25 and 27 are rejected under 35 U.S.C. 103 as being unpatentable over Cochran (U.S. Patent 4,254,451) in view of Howell et al. (U.S. Patent Publication 2005/0230596), as applied to claims 23 and 26 above respectively, and further in view of Archambeau et al. (U.S. Patent Publication 2011/0013136).

23. Regarding claim 25, although Cochran in view of Howell discloses the eyewear system of claim 23, Cochran in view of Howell lacks the explicit teaching wherein a thickness of the conformal coating is less than 1 mm. Within the same field of endeavor Archambeau discloses an eyewear system (figures 1-3) wherein a thickness of the conformal coating is less than 1 mm (Archambeau, paragraph 0017). It would have been obvious to one having ordinary skill in the art before the time that the claimed invention was effectively filed to use the conformal coating of plastic having a constant thickness of 10 nm to 500 nm as taught by Archambeau, along with the eyewear system

as taught by Cochran in view of Howell for the purpose of providing a complete hermetic seal while optimizing operating voltages (Archambeau, paragraph 0017).

24. Regarding claim 27, although Cochran in view of Howell discloses the eyewear system of claim 26, Cochran in view of Howell lacks the explicit teaching wherein the conformal coating is brush applied, spray applied, or dip applied. Within the same field of endeavor Archambeau discloses an eyewear system (figures 1-3) wherein the conformal coating is brush applied, spray applied, or dip applied (projection applied, Archambeau, paragraphs 0054, 0055). It would have been obvious to one having ordinary skill in the art before the time that the claimed invention was effectively filed to use the projection application as taught by Archambeau, along with the eyewear system as taught by Cochran in view of Howell for the purpose of providing a complete hermetic seal while controlling component amounts (Archambeau, paragraphs 0054, 0055).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to GARY O'NEILL whose telephone number is (313)446-6521. The examiner can normally be reached on Monday - Friday; EST 8:30-5PM.

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, Ricky Mack can be reached on 571-272-2333. 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.

/GARY O'NEILL/
Examiner, Art Unit 2872
March 7, 2017

/RICKY MACK/
Supervisory Patent Examiner, Art Unit 2872

Notice of References Cited	Application/Control No. 13/890,809	Applicant(s)/Patent Under Reexamination BLUM ET AL.	
	Examiner GARY O'NEILL	Art Unit 2872	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-4,254,451 A	03-1981	Cochran, Jr.; James A.	A44C15/0015	315/323
*	B	US-2005/0230596 A1	10-2005	Howell, Thomas A.	G02C11/00	250/200
*	C	US-2011/0013136 A1	01-2011	Archambeau; Samuel	G02C7/083	351/159.01
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13890809	BLUM ET AL.
	Examiner	Art Unit
	GARY O'NEILL	2872

CPC- SEARCHED		
Symbol	Date	Examiner
G02C 11/06, 11/10	10/30/14	GO
UPDATED	6/24/15	GO
UPDATED	12/1/15	GO
G02C 11/00, 11/04	12/1/15	GO
UPDATED	6/19/16	GO
UPDATED	2/22/17	GO

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
351	41-158,178	10/30/14	GO
	UPDATED	6/24/15	GO
	UPDATED	12/1/15	GO
	UPDATED	6/19/16	GO
	UPDATED	2/22/17	GO

SEARCH NOTES		
Search Notes	Date	Examiner
EAST BRS Search (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB) attached	10/30/14	GO
EAST BRS Search (Updated and attached)	6/24/15	GO
EAST BRS Search (Updated and attached)	12/1/15	GO
EAST BRS Search (Updated and attached)	6/20/16	GO
G02C 11/06, 11/10 (See search history printout)	10/30/14	GO
G02C 11/00, 11/04 (See search history printout)	12/1/15	GO
EAST BRS Search (Updated and attached)	2/22/17	GO

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1580	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 05:57
L2	311	1 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 05:58
L3	166	2 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 05:58
L4	161	3 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6 or seal$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:00
L5	161	4 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:00
L6	112	(US-20080273166-$ or US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20070146627-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$ or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$).did. or (US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2017/03/07 06:02

		20060132382-$ or US-20130293448-$ or US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$ or US-20010024719-$ or US-20040099356-$ or US-20120029367-$).did. or (US-20030095336-$ or US-20040160538-$ or US-20070279584-$ or US-20070046887-$ or US-20110187989-$ or US-20040084790-$ or US-20090306594-$ or US-20120262667-$ or US-20060095128-$ or US-20060126698-$ or US-20050140924-$ or US-20070144913-$ or US-20110013136-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-5229885-$ or US-5066022-$ or US-6166849-$ or US-4254451-$ or US-6433913-$).did. or (US-5654786-$ or US-6431705-$ or US-7581833-$ or US-7874666-$ or US-8979295-$ or US-6986579-$ or US-7396126-$ or US-5898470-$).did. or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$ or US-20140104566-$).did.				
L7	94	L6 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L8	89	L7 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6 or seal$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02

L9	89	L8 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6 or seal$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L10	89	L9 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L11	87	L10 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L12	71	L11 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L13	41	L12 and "351".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L14	31	L13 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L15	17	L14 and (conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L16	11	L15 and (coat or coated or coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L17	6805	"351".clas. and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or	US-PGPUB; USPAT; USOCR;	OR	ON	2017/03/07 06:02

		(eye adj2 wear) or sunglasses or sun-glasses).clm.	FPRS; EPO; JPO; DERWENT; IBM_TDB			
L18	1168	L17 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L19	725	L18 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L20	212	L19 and (conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L21	132	L20 and (coat or coated or coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L22	17	L21 and (conform$6 with (coat or coated or coating))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L23	12	L22 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L24	11	L23 not L16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L25	1920	351/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2017/03/07 06:02

			IBM_TDB			
L26	1150	L25 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L27	55	L26 and (conform$6 and (coat or coated or coating))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L28	32	L27 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L29	23	L28 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L30	16	L29 not (L16 or L24)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L31	272	L26 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L32	101	L31 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L33	78	L32 not (L16 or L24 or L30)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02

L34	15	L33 and ((acrylic or urethane or silicone or epoxy) same (coat or coated or coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L35	1050	"351".clas. and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) same (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L36	169	L35 and ((acrylic or urethane or silicone or epoxy) same (coat or coated or coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L37	132	L36 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L38	77	L37 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L39	62	L38 not (L16 or L24 or L30 or L34)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L40	142	5 not (L16 or L24 or L30 or L34 or L39)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:02
L41	1962	G02C11/10.cpc.	FPRS; EPO; JPO; DERWENT	OR	ON	2017/03/07 06:17
L42	43	41 and (waterproof$4 or water-	US-PGPUB;	OR	ON	2017/03/07

		proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			06:17
L43	41	42 not (L16 or L24 or L30 or L34 or L39 or 40)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:17
L44	0	43 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:18
L45	16	43 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6 or seal$5)	FPRS; EPO; JPO; DERWENT	OR	ON	2017/03/07 06:19
L46	25	43 not 45	FPRS; EPO; JPO; DERWENT	OR	ON	2017/03/07 06:21
L47	1	(WO-2007062601-$).did.	FPRS	OR	ON	2017/03/07 06:23
L48	13	"11261035"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:27
L49	2	"20060095128".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:28
L50	8	"12054299"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:33
L51	2	"2004160572".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:39
L52	2	"20040160572".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 06:40

L53	2	"20110013136".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:00
L54	0	53 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:04
L55	31255	G02C.cpcg.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:07
L56	51691	"351".clas. or 55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:08
L57	6812	56 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:08
L58	3922	57 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:09
L59	1795	58 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:09
L60	2	59 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6 or seal$5)	FPRS; EPO; JPO; DERWENT	OR	ON	2017/03/07 09:10
L61	963	59 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:11

L62	336	61 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or moisture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:12
L63	73	62 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:12
L64	39	63 not (L16 or L24 or L30 or L34 or L39 or 40 or 46)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:13
L65	1	(US-20050230596-$).did.	US-PGPUB	OR	ON	2017/03/07 09:29
L66	1	(US-20050230596-$).did.	US-PGPUB	OR	ON	2017/03/07 09:35
L67	1	66 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or liquid or wet or environment$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/07 09:35
L68	3	"4254451".pn. or "20050230596".pn. or "20110013136".pn.	US-PGPUB; USPAT	OR	ON	2017/03/07 10:34
S1	4	"2009081542".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:09
S2	5	"2009126946".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:09
S3	5	"2010080999".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:13
S4	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/12 15:13

			EPO; JPO; DERWENT; IBM_TDB			
S5	2	"5463428".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:13
S6	2	"5764338".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:13
S7	0	"2008316420".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:14
S8	5	"2010080999".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:15
S9	5	"2009098719".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:15
S10	7	"2008002388".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:15
S11	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:15
S12	2	"20050237485".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:16
S13	2	"20050225723".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:16
S14	2	"6115177".pn.	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/12 15:17

			EPO; JPO; DERWENT; IBM_TDB			
S15	2	"5742379".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:17
S16	2	"6719425".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:17
S17	4	"4418990".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:18
S18	3	"4991951".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:19
S19	3	"2007258039".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:19
S20	5	"2930857".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:20
S21	5	"2007121061".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:20
S22	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:21
S23	62	S1 or S2 or S3 or S4 or S5 or S6 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17 or S18 or S19 or S20 or S21 or S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 15:23
S24	1	"20080273166".pn.	US-PGPUB	OR	ON	2013/09/12 15:51
S25	3	S23 or S24	US-PGPUB	OR	ON	2013/09/12

						16:05
S26	63	S23 or S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:05
S27	16	S26 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or liquid or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:19
S28	0	("2008/0273166").URPN.	USPAT	OR	ON	2013/09/12 16:26
S29	15772	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:36
S30	7988	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:36
S31	503	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S32	90	351/159.03.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S33	17	351/159.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S34	750	351/153.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:37
S35	23094	S29 or S30 or S31	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/12 16:38

			EPO; JPO; DERWENT; IBM_TDB			
S36	4948	S35 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:38
S37	267	G02C7/083.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:41
S38	504	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:43
S39	255	S38 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:43
S40	5032	S36 or S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:44
S41	2932767	glasses or eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:45
S42	4100	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:46
S43	755	S42 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2013/09/12 16:47

			DERWENT; IBM_TDB			
S44	171	S43 and silicone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:48
S45	2	S44 and grease	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:49
S46	84	S44 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:50
S47	1	S46 and grease	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 16:51
S48	1	S43 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) and (silicone near6 grease)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:40
S49	1769	S41 and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) and (silicone near6 grease)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S50	1	S43 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S51	148	S49 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:41
S52	147	S51 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:42

S53	137	S52 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S54	254107	(glasses or eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S55	4	S53 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:43
S56	133	S53 not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:45
S57	0	S56 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:46
S58	1556	(silicone near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:49
S59	97	(silicone near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) same(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:49
S60	11	S59 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:50
S61	155	S58 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:56

S62	144	S61 not S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:56
S63	0	S62 and ((silicone near6 (paste or compound or grease)) same (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:57
S64	30	S62 and ((silicone near6 (paste or compound or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 18:57
S65	1	S62 and ((silicone near6 (grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:00
S66	165	S41 and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) near6 (silicone near6 grease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:02
S67	2	S66 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:03
S68	49	(silicone near6 (paste or grease)) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:05
S69	45	S68 not (S60 or S65 or S67)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:05
S70	2	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric) near6 (silicone near6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:17

		grease))				
S71	3	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) near6 (silicone near6 grease))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:19
S72	11	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) and (silicone near6 grease)) and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:21
S73	65	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((conduct$6 or wire) and (silicone and grease)) and (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:21
S74	54	S73 not S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:22
S75	107	S32 or S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:25
S76	38	S75 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:25
S77	0	S76 and (grease or paste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:26
S78	38	S76 not S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:26
S79	2	"20100076553".pn.	US-PGPUB; USPAT;	OR	ON	2013/09/12 19:36

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S80	1	S79 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 19:36
S81	126	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" | "4875030" | "4967268" | "5463428" | "20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:21
S82	5	"2006023158".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:45
S83	2	"20060231580".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:45
S84	2	"20060023158".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/12 20:46
S85	56	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" | "4875030" | "4967268" | "5463428" |	US-PGPUB; USPAT; EPO; JPO	OR	ON	2013/09/12 21:15

		"20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.				
S86	24469	conduct$5 adj2 rubber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:08
S87	15772	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S88	7988	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S89	503	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S90	23094	S87 or S88 or S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S91	22	S86 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10
S92	17	S91 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:10

S93	7	S92 and (grease or paste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:11
S94	10	S92 not S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:14
S95	5	S91 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:24
S96	68	S86 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S97	34	S96 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S98	21	S97 not S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 16:29
S99	1	(US-6772448-$).did.	USPAT	OR	ON	2013/09/13 16:45
S100	0	"2008273166".pn.	US-PGPUB	OR	ON	2013/09/13 17:20
S101	2	"2008273166".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:20
S102	1	"20080273166".pn.	US-PGPUB	OR	ON	2013/09/13 17:21
S103	0	"4991951".pn.	US-PGPUB	OR	ON	2013/09/13 17:21
S104	1	"4991951".pn.	USPAT	OR	ON	2013/09/13 17:22
S105	3	S99 or S102 or S104	US-PGPUB;	OR	ON	2013/09/13

			USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB			17:22
S106	126	("20010043266" | "20050237485" | "20050264752" | "20070296918" | "7784935" | "20050270479" | "20060203186" | "20080106695" | "5764338" | "6626532" | "20050078274" | "4152846" | "4875030" | "4967268" | "5463428" | "20020140899" | "20050242771" | "20100177277" | "4418990" | "4907860" | "5835185" | "6336250" | "7063420" | "20070121061" | "20070258039" | "20080316420" | "4991258" | "5742379" | "5760869" | "6595634" | "6719425" | "6866386" | "7813048" | "20110058141" | "20040000733" | "20050270481" | "20100309426" | "4283127" | "4991951" | "7104645" | "7140727" | "20010007493" | "20060231158" | "6097450" | "7009757" | "7425066" | "2930857" | "20050225723" | "20060092340" | "20080273166" | "20100201938" | "4756605" | "5182585" | "5657107" | "6115177" | "6582075").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:59
S107	2	S105 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/13 17:59
S108	69172	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses or lens) same (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:20
S109	2121	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) same (insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:27
S110	1284	S109 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:42
S111	354	S110 and (grease or paste or silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/04/28 08:44

			DERWENT; IBM_TDB			
S112	749	S110 and (grease or paste or silicone or coating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:45
S113	806	S110 and (grease or paste or silicone or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:45
S114	167	S113 and (hinge or rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:48
S115	116	S114 and (silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:51
S116	36	S115 and ((grease or paste or coating or coated) same silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 08:52
S117	80	S115 not S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 11:30
S118	51	S114 not S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 11:56
S119	14	S118 and gasket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 11:56
S120	1	(US-5835185-$).did.	USPAT	OR	ON	2014/04/28 12:10
S121	3	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2014/04/28 12:17

		((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance) same (rimlock or rim-lock))	EPO; JPO; DERWENT; IBM_TDB			
S122	8	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and ((insulat$5 or nonconduct$5 or non-conduct$5 or resistive or resistor or dielectric or impedance) and (rimlock or rim-lock))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:32
S123	5	S122 not S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:32
S124	694	351/86,154.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:38
S125	79	S124 and (grease or paste or silicone or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:39
S126	20	S125 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:41
S127	12	S126 and (grease or paste or coating or coated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:42
S128	8	S126 not S127	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:45
S129	2	S128 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:45

S130	59	S125 not S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:46
S131	19	S130 and (conduct$5 or wire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:46
S132	20	S130 and (conduct$5 or wire or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:47
S133	109	S124 and (conduct$5 or wire or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:48
S134	87	S133 not S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S135	87	S134 and (conduct$5 or wires or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S136	15	S135 and (conduct$5 or cable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:49
S137	21	S124 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 12:53
S138	1	(US-7527374-$).did.	USPAT	OR	ON	2014/04/28 13:19
S139	154	S109 and ((grease or paste or coating or coated) same (silicone or (polymerized adj2 siloxanes) or	US-PGPUB; USPAT; USOCR;	OR	ON	2014/04/28 13:23

		polysiloxane))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S140	74	S109 and ((grease or paste or coating or coated) near5 (silicone or (polymerized adj2 siloxanes) or polysiloxane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 13:24
S141	61	S140 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 13:24
S142	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/28 18:24
S143	14	("4285819" | "4612247" | "4681712" | "4798694" | "4868106" | "4935147" | "5076950" | "5279936" | "5283064" | "5319397" | "5536644" | "5642177" | "5770388").PN. OR ("6231703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2014/04/28 21:04
S144	2	S143 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:05
S145	1	(US-6231703-$).did.	USPAT	OR	ON	2014/04/28 21:15
S146	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/28 21:16
S147	2	S145 or S146	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:16
S148	2	S147 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:16
S149	1	S148 and (grease or paste or gel or oil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/28 21:17
S150	1	(US-6231703-$).did.	USPAT	OR	ON	2014/04/29 10:14

S151	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2014/04/29 10:14
S152	2	S150 or S151	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:14
S153	2	S152 and (silicone or (polymerized adj2 siloxanes) or polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:14
S154	1	S151 and (conduct$5 near rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 10:21
S155	12	"2007329719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 14:42
S156	0	JP2008/003799	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S157	0	JP20080003799	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S158	8	"20080003799"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:29
S159	25	"2008003799"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:30
S160	0	WO2009081542	US-PGPUB; USPAT; USOCR;	OR	ON	2014/04/29 15:32

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S161	9	"2009081542"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 15:32
S162	3985	(anisotropic and conduct$5 and rubber and (silicone or (polymerized adj2 siloxanes) or polysiloxane) and (grease or paste or gel or oil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 18:59
S163	52	351/41-178.ccls. and S162	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:02
S164	1137	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near6 (grease or paste or gel or oil)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:05
S165	0	351/41-178.ccls. and S164	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:05
S166	1684	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:06
S167	44	351/41-178.ccls. and S166	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:06
S168	13	S164 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:09
S169	80	S166 and (eyeglasses or eye-glasses	US-PGPUB;	OR	ON	2014/04/29

		or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			19:13
S170	67	S169 not S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:13
S171	1758	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:15
S172	67	S170 and S171	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:15
S173	1137	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:20
S174	865	(anisotropic and conduct$5 and rubber and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:20
S175	6	((anisotropic near4 conduct$5 near4 rubber) and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:21
S176	0	S175 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:22
S177	8	((anisotropic near4 conduct$5 near4 rubber) and ((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/04/29 19:24

			IBM_TDB			
S178	2	S177 not S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:24
S179	1186	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:27
S180	27	S179 and anisotropic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:27
S181	477	S179 and (rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:28
S182	11	S179 and (conduct$5 near4 rubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:28
S183	21	S180 not S182	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:33
S184	121	S179 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm. and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:37
S185	108	S179 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:38
S186	107	S185 not (S180 or S177 or S175 or	US-PGPUB;	OR	ON	2014/04/29

		S172 or S170)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			19:40
S187	666	S179 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:46
S188	8092	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) near6 (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:47
S189	52	S187 and S188	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:47
S190	163	351/159.39.ccls. or 351/159.4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:55
S191	2	S179 and S190	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:55
S192	2	S190 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:56
S193	52	S188 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 19:57
S194	0	S193 not S189	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/04/29 19:57

			DERWENT; IBM_TDB			
S195	677	S179 and (connect or connected or connector or connecting or connection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:08
S196	48	S179 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) same (grease or paste or gel or oil or lubricant))) same (connect or connected or connector or connecting or connection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:09
S197	972	S179 not (S180 or S182 or S183 or S186 or S189 or S191 or S192 or S193 or S196)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:17
S198	76	S197 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 20:18
S199	1	(US-4243306-$).did.	USPAT	OR	ON	2014/04/29 20:27
S200	3	(eyewire or eye-wire or (eye adj2 wire)) near4 (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:07
S201	15	(eyewire or eye-wire or (eye adj2 wire)) same (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:09
S202	12	S201 not S200	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/29 23:10
S203	17	(eyewire or eye-wire or (eye adj2 wire)) and (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:27
S204	35	(upper or lower or top or bottom or halves or half) same (rimlock or rim-lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2014/04/30 09:27

			IBM_TDB			
S205	16	S203 and S204	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:28
S206	53305	(coat or coated or coating or film or dipped or dip or deposit or depositing or deposited or apply or applied or applying) same (insulating or insulated or insulation or nonconductive or non-conductive or nonconducting or non-conducting) same (frame or rim or eyewire or eye-wire or (eye adj2 wire))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:57
S207	1138	351/90-102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:59
S208	0	S206 and S207	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 09:59
S209	37998	S206 and ((split$4 or bisect$5 or dual or two or upper or lower) same (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:02
S210	16194	S209 and ((split$4 or bisect$5 or dual or two or upper or lower) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:02
S211	11719	S210 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:06
S212	10147	S209 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:09
S213	5051	S211 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 10:09
S214	39	S213 and (eyeglasses or eye-glasses	US-PGPUB;	OR	ON	2014/04/30

		or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:10
S215	1	(US-20100177277-$).did.	US-PGPUB	OR	ON	2014/04/30 10:29
S216	1	(US-20100177277-$).did.	US-PGPUB	OR	ON	2014/04/30 17:30
S217	1	(US-4243306-$).did.	USPAT	OR	ON	2014/04/30 17:31
S218	1	"20100265456".pn.	US-PGPUB	OR	ON	2014/04/30 17:31
S219	2	S216 or S217 or S218	US-PGPUB	OR	ON	2014/04/30 17:32
S220	3	S216 or S217 or S218	US-PGPUB; USPAT	OR	ON	2014/04/30 17:32
S221	697	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:43
S222	697	S221	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:43
S223	214	S222 and ((electronics or electrical or conduct$4 or current or circuit or node) near6 (frame or rim or eyewire or eye-wire or (eye adj2 wire)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:44
S224	2	S223 and (((silicone or (polymerized adj2 siloxanes) or polysiloxane) near4 (grease or paste or gel or oil or lubricant)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/04/30 17:44
S225	141458	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:49
S226	42370	S225 and (electronics or electrical or battery or batteries or circuit or microchip or processor or antenna or computer$4 or electroactive or electro-active)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:53
S227	19470	S225 same (electronics or electrical or battery or batteries or circuit or	US-PGPUB; USPAT;	OR	ON	2014/10/30 16:54

		microchip or processor or antenna or computer$4 or electroactive or electro-active)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S228	9712	S227 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet or humid or humidity or fluid or liquid or damp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 16:59
S229	769368	((conduct$5 or metal$5) near4 (rubber$5 or compress$5 or flexib$4 or coil or coiled or bend$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:09
S230	726	S228 and S229	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:09
S231	627	S230 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or GPS or (global adj position$5) or alarm$4 or hearing or ((virtual or augment$4) near3 reality) or gaming or audio or microphone or recording or transmitter or pedometer or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:18
S232	549	S231 and (cable$2 or wire or connector or plug$4 or receptacle or multiconduct$5 or multi-conduct$5 or (multi$4 adj2 conduct$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:30
S233	13200	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:30
S234	162	S232 and S233	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:31
S235	104	S234 and ((water near3 resistant) or	US-PGPUB;	OR	ON	2014/10/30

		waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			17:37
S236	90	S235 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:51
S237	89	S236 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:54
S238	58	S237 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 17:54
S239	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2014/10/30 18:22
S240	2	"20060095128".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 18:38
S241	60841	BLUM.in. or KOKONASKI.in. or LONGA.in. or GRAHAM.in. or HADDOCK.in. or WILLEY.in. or TABACCHI.in. or BOCK.in. or PINAZZA.in. or RICHMAN.in. or OZGUZ.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:19
S242	13953	Pugh.in. or Otts.in. or Riall.in. or Snook.in. or Putt.in. or Kernick.in. or Flitsch.in. or Higham.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:26
S243	153256	Jannard.in. or Nattress.in. or Mathur.in. or DaSilva.in. or Land.in. or Rose.in. or Davis.in. or Neil.in. or Reyes.in. or Yee.in. or Thixton or Baden.in. or Arnette.in. or Tackels.in. or Houston.in. or Moritz.in. or Rohrbach.in. or Zentil.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:41
S244	226757	S241 or S242 or S243	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2014/10/30 19:41

			DERWENT; IBM_TDB			
S245	17	S236 and S244	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:42
S246	6	S245 not S238	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:42
S247	73	S236 not S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:44
S248	73	S225 and S247	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:44
S249	73	S248 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 19:45
S250	1	(US-5455638-$).did.	USPAT	OR	ON	2014/10/30 20:27
S251	1	(US-4520238-$).did.	USPAT	OR	ON	2014/10/30 20:28
S252	9	"20100265456".pn. or "42433068".pn. or "20080273166".pn. or "4991951".pn. or "6772448".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 20:57
S253	2	"20050239502".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:02
S254	2	"20090201460".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:02
S255	2	"20120262667".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2014/10/30 21:02

			IBM_TDB			
S256	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:03
S257	16629	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:20
S258	16979	351/41-158,178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:21
S259	359	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:32
S260	563	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:32
S261	17348	S258 or S259 or S260	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:34
S262	1410	S261 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:34
S263	1381	S262 not (S238 or S245)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:35
S264	347	S263 and (electro-activ$4 or electroactiv$4 or electro-chromic$4 or electrochromic$4 or display$4 or sensor or sensing or sensed or ((virtual or augment$4) near3 reality) or gaming or 3D or 3-D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:36
S265	188	S264 and (cable$2 or cord or wire or	US-PGPUB;	OR	ON	2014/10/30

		connector or multiconduct$5 or multi-conduct$5 or (multi$4 adj2 conduct$5))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB			21:37
S266	63	S265 and (plug$4 or receptacle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:38
S267	9	S266 and (plug$4 and receptacle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:39
S268	54	S266 not S267	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/30 21:41
S269	1	(US-6824265-$).did.	USPAT	OR	ON	2014/10/31 01:05
S270	4	S239 or S250 or S251 or S269	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:05
S271	327074	((conduct$5 or (metal or metallic or metalic or metalized or metalization or metalizing)) near4 (elast$8 or rubber$5)) or (conductive near6 polymer near6 metal$4 near6 ion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:17
S272	2	S270 and S271	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/10/31 01:17
S273	1	(US-4520238-$).did.	USPAT	OR	ON	2014/10/31 02:07
S274	1	(US-5455638-$).did.	USPAT	OR	ON	2014/10/31 02:07
S275	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2014/10/31 02:07
S276	1	(US-20060132382-$).did.	US-PGPUB	OR	ON	2015/06/24 11:34
S277	1	S276 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 11:35

S278	1	(US-5455638-$).did.	USPAT	OR	ON	2015/06/24 11:46
S279	1	S278 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 11:46
S280	1	(US-6824265-$).did.	USPAT	OR	ON	2015/06/24 11:51
S281	1	(US-4520238-$).did.	USPAT	OR	ON	2015/06/24 11:51
S282	2	S280 or S281	USPAT	OR	ON	2015/06/24 11:51
S283	2	S282 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 12:12
S284	342	US-2437642-$.DID. OR US-2576581-$.DID. OR US-2930857-$.DID. OR US-3161718-$.DID. OR US-3245315-$.DID. OR US-3309162-$.DID. OR US-3614215-$.DID. OR US-3738734-$.DID. OR US-3791719-$.DID. OR US-4062629-$.DID. OR US-4152846-$.DID. OR US-4174156-$.DID. OR US-4181408-$.DID. OR US-4190330-$.DID. OR US-4243306-$.DID. OR US-4264154-$.DID. OR US-4279474-$.DID. OR US-4283127-$.DID. OR US-4300818-$.DID. OR US-4320939-$.DID. OR US-1563929-$.DID. OR US-2170613-$.DID. OR US-4373218-$.DID. OR US-4395736-$.DID. OR US-4418990-$.DID. OR US-4423929-$.DID. OR US-4431262-$.DID. OR US-4457585-$.DID. OR US-4461550-$.DID. OR US-4466703-$.DID. OR US-4466706-$.DID. OR US-4529268-$.DID. OR US-4537479-$.DID. OR US-4564267-$.DID. OR US-4572616-$.DID. OR US-4577928-$.DID. OR US-4601545-$.DID. OR US-4609824-$.DID. OR US-4712870-$.DID. OR US-4756605-$.DID. OR US-4772094-$.DID. OR US-D298250-$.DID. OR US-2169417-$.DID. OR US-4787733-$.DID. OR US-4787903-$.DID. OR US-4795248-$.DID. OR US-4813777-$.DID. OR US-4818095-$.DID. OR US-4836652-$.DID. OR US-4842400-$.DID. OR US-4875030-$.DID. OR US-4880300-$.DID. OR US-4890903-$.DID. OR US-4904063-$.DID. OR US-4907860-$.DID. OR US-4909626-$.DID. OR US-4919520-$.DID. OR US-4921728-$.DID. OR US-5011990-$.DID. OR US-4927241-$.DID. OR US-4929865-$.DID. OR US-4930884-$.DID. OR US-4944584-$.DID. OR US-	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2015/06/24 13:28

		4952788-$.DID. OR US-4955712-$.DID. OR US-4958907-$.DID. OR US-4961639-$.DID. OR US-4967268-$.DID. OR US-4968127-$.DID. OR US-4981342-$.DID. OR US-4991258-$.DID. OR US-4991951-$.DID. OR US-5015086-$.DID. OR US-5030882-$.DID. OR US-5050981-$.DID. OR US-5066301-$.DID. OR US-5067795-$.DID. OR US-5073021-$.DID. OR US-5076665-$.DID. OR US-5089023-$.DID. OR US-5091801-$.DID. OR US-5108169-$.DID. OR US-5114218-$.DID. OR US-1011200-$.DID. OR US-5114628-$.DID. OR US-5130856-$.DID. OR US-5142411-$.DID. OR US-5150234-$.DID. OR US-5171266-$.DID. OR US-5182585-$.DID. OR US-5184156-$.DID. OR US-5200859-$.DID. OR US-5208688-$.DID. OR US-5229885-$.DID. OR US-5231430-$.DID. OR US-5239412-$.DID. OR US-D342063-$.DID. OR US-5305028-$.DID. OR US-5306926-$.DID. OR US-5319397-$.DID. OR US-5324930-$.DID. OR US-D350342-$.DID. OR US-5352886-$.DID. OR US-5359444-$.DID. OR US-5375006-$.DID. OR US-5382986-$.DID. OR US-5386308-$.DID. OR US-5739959-$.DID. OR US-5424927-$.DID. OR US-5774273-$.DID. OR US-5440357-$.DID. OR US-5443506-$.DID. OR US-5451766-$.DID. OR US-5455638-$.DID. OR US-5463428-$.DID. OR US-5488439-$.DID. OR US-5489302-$.DID. OR US-5522323-$.DID. OR US-5526067-$.DID. OR US-5552841-$.DID. OR US-5608567-$.DID. OR US-5615588-$.DID. OR WO-2006126881-$.DID. OR WO-20061235960-$.DID. OR WO-2007142520-$.DID. OR WO-2007142602-$.DID. OR WO-2008002388-$.DID. OR WO-200802407-$.DID. OR JP-2008083299-$.DID. OR WO-2008045283-$.DID. OR US-5654789-$.DID. OR US-5657107-$.DID. OR US-5668620-$.DID. OR US-5682223-$.DID. OR US-5683457-$.DID. OR US-1265686-$.DID. OR US-5710615-$.DID. OR US-5712721-$.DID. OR US-5728155-$.DID. OR US-5742379-$.DID. OR US-5760869-$.DID. OR US-5764338-$.DID. OR US-5777719-$.DID. OR US-5815233-$.DID. OR US-5815239-$.DID. OR US-5835185-$.DID. OR US-5861936-$.DID. OR US-5877876-$.DID. OR WO-2008046858-$.DID. OR EP-1916561-$.DID. OR WO-2008051520-$.DID. OR WO-2008115251-$.DID. OR WO-2009081542-$.DID. OR WO-2009098719-$.DID. OR WO-				

		2009109749-$.DID. OR WO-2009126946-$.DID. OR US-5900720-$.DID. OR US-5949521-$.DID. OR US-5953098-$.DID. OR US-5956183-$.DID. OR US-5963300-$.DID. OR US-5971540-$.DID. OR US-5980037-$.DID. OR US-5999328-$.DID. OR US-6040947-$.DID. OR US-6050687-$.DID. OR US-6069742-$.DID. OR US-6086203-$.DID. OR US-6086204-$.DID. OR US-6095651-$.DID. OR US-6097450-$.DID. OR US-6099117-$.DID. OR US-6115177-$.DID. OR US-6145987-$.DID. OR US-6163926-$.DID. OR WO-2009125184-$.DID. OR WO-2009136667-$.DID. OR JP-09294654-$.DID. OR WO-2010062504-$.DID. OR WO-2010080999-$.DID. OR EP-2233964-$.DID. OR WO-2011119601-$.DID. OR US-6213602-$.DID. OR US-6191881-$.DID. OR US-6270220-$.DID. OR US-6271915-$.DID. OR US-6288846-$.DID. OR US-20010043266-$.DID. OR US-6325508-$.DID. OR US-20010055094-$.DID. OR US-6336250-$.DID. OR US-6350031-$.DID. OR US-6390623-$.DID. OR US-6396622-$.DID. OR US-6412941-$.DID. OR US-6437762-$.DID. OR US-6437925-$.DID. OR US-20020140899-$.DID. OR US-6464363-$.DID. OR US-20020149739-$.DID. OR US-20020186346-$.DID. OR US-20030018383-$.DID. OR US-6554425-$.DID. OR US-20030095336-$.DID. OR US-6582075-$.DID. OR US-6595634-$.DID. OR US-20030151721-$.DID. OR US-6607271-$.DID. OR US-6609794-$.DID. OR US-6614408-$.DID. OR US-6618208-$.DID. OR US-6616275-$.DID. OR US-6616279-$.DID. OR US-6626532-$.DID. OR US-6631001-$.DID. OR US-20030210377-$.DID. OR US-20040000733-$.DID. OR US-20040001180-$.DID. OR US-20040008319-$.DID. OR US-6682195-$.DID. OR US-6709105-$.DID. OR US-6709108-$.DID. OR US-6715876-$.DID. OR US-6719425-$.DID. OR US-6738199-$.DID. OR US-20040108971-$.DID. OR US-20040117011-$.DID. OR US-20040130677-$.DID. OR US-6768536-$.DID. OR US-6772448-$.DID. OR US-6774871-$.DID. OR US-20040156012-$.DID. OR US-6778246-$.DID. OR US-20040179280-$.DID. OR US-20040196435-$.DID. OR US-20040246440-$.DID. OR US-6833938-$.DID. OR US-6840619-$.DID. OR US-6851805-$.DID. OR US-7333272-$.DID. OR US-6866386-$.DID. OR US-6871951-$.DID. OR US-20050073739-$.DID. OR US-20050078274-$.DID.				

		OR US-6883916-$.DID. OR US-6886938-$.DID. OR US-6893124-$.DID. OR US-20050124983-$.DID. OR US-20050140922-$.DID. OR US-20050140924-$.DID. OR US-6918670-$.DID. OR US-6938277-$.DID. OR US-6948818-$.DID. OR US-20050237477-$.DID. OR US-6951391-$.DID. OR US-20050225723-$.DID. OR US-6955433-$.DID. OR US-6956682-$.DID. OR US-20050237485-$.DID. OR US-20050239502-$.DID. OR US-20050242771-$.DID. OR US-20050248719-$.DID. OR US-20050264752-$.DID. OR US-20060001827-$.DID. OR US-6986579-$.DID. OR US-20060023158-$.DID. OR US-20060044510-$.DID. OR US-7009757-$.DID. OR US-7008054-$.DID. OR US-7019890-$.DID. OR US-7030411-$.DID. OR US-20060077562-$.DID. OR US-20060092340-$.DID. OR US-7041133-$.DID. OR US-7063420-$.DID. OR US-20060164593-$.DID. OR US-7085065-$.DID. OR US-7090348-$.DID. OR US-7104645-$.DID. OR US-20060203186-$.DID. OR US-7133172-$.DID. OR US-7140727-$.DID. OR US-7142369-$.DID. OR US-7159983-$.DID. OR US-20070059503-$.DID. OR US-20070091257-$.DID. OR US-7229173-$.DID. OR US-20070258039-$.DID. OR US-20070263293-$.DID. OR US-20070296918-$.DID. OR US-20080019015-$.DID. OR US-20080084532-$.DID. OR US-20080100792-$.DID. OR US-7369321-$.DID. OR US-20080106695-$.DID. OR US-7425066-$.DID. OR US-7452075-$.DID. OR US-20080273166-$.DID. OR US-1062008-$.DID. OR US-7453646-$.DID. OR US-20090002626-$.DID. OR US-20090116118-$.DID. OR US-7553019-$.DID. OR US-20090201460-$.DID. OR US-7594726-$.DID. OR US-20090256977-$.DID. OR US-20100039709-$.DID. OR US-7675686-$.DID. OR US-20100177277-$.DID. OR US-20100201938-$.DID. OR US-20100208194-$.DID. OR US-20100208195-$.DID. OR US-7782541-$.DID. OR US-7784935-$.DID. OR US-7806525-$.DID. OR US-7813048-$.DID. OR US-20100265456-$.DID. OR US-20100271588-$.DID. OR US-20100309426-$.DID. OR US-7850304-$.DID. OR US-20110058141-$.DID. OR US-8016415-$.DID. OR US-20120002159-$.DID. OR US-20120002160-$.DID. OR US-20120127420-$.DID. OR US-20120262667-$.DID. OR US-8337014-$.DID. OR US-20130010256-$.DID.			

		OR US-20130201439-$.DID. OR US-20130250233-$.DID. OR US-8922902-$.DID. OR US-2008535-$.DID. OR US-151997D-$.DID. OR US-1061505-$.DID. OR US-3890809-$.DID. OR US-2008536-$.DID.				
S285	0	S281 and S284	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 14:34
S286	17064	351/41-158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S287	9755	351/159.$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S288	628	351/178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S289	26018	S286 or S287 or S288	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S290	891	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S291	1160	351/90-102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S292	891	G02C7/083.cpc. or G02C7/101.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S293	891	S292	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11

S294	17431	351/41-158,178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S295	366	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S296	786	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S297	17903	S294 or S295 or S296	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S298	26808	351/41-178.ccls. or S289 or S290 or S297 or S291 or S293	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:11
S299	4397	S298 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:13
S300	766	S299 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:13
S301	3051	S299 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:16
S302	1685	S301 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/06/24 16:18

			DERWENT; IBM_TDB			
S303	357	S302 and ((electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:19
S304	77	S303 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:22
S305	77	S304 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:23
S306	77	S304 or S305	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 16:24
S307	1	(US-20080002141-$).did.	US-PGPUB	OR	ON	2015/06/24 16:27
S308	62422	BLUM.in. or KOKONASKI.in. or LONGA.in. or GRAHAM.in. or HADDOCK.in. or WILLEY.in. or TABACCHI.in. or BOCK.in. or PINAZZA.in. or RICHMAN.in. or OZGUZ.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:41
S309	123031	mitsui.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:42
S310	185436	S308 or S309	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:42
S311	23775	S310 and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/06/24 18:43

		sealing or sealer or proof or proofing or proofed or tight or tightly)	DERWENT; IBM_TDB			
S312	3510	S311 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:46
S313	159	S312 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 18:47
S314	1	(US-20130215374-$).did.	US-PGPUB	OR	ON	2015/06/24 18:51
S315	34	"9028062".pn. or "8979259".pn. or "8944590".pn. or "8905541".pn. or "20140293215".pn. or EP2745167.pn. or "8708483".pn. or "20140104566".pn. or AU2012296482.pn. or "20130278881".pn. or "20130242253".pn. or "20130201439".pn. or "20130070198".pn. or CA2844986.pn. or WO2013025933.pn. or "20130010256".pn. or "8337014".pn. or "20120127420".pn. or "20120127423".pn. or "20120002160".pn. or "20120002159".pn. or "20100271588".pn. or "20100177277".pn. or "20080273166".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/24 19:04
S322	21015	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:08
S323	5667	S322 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:09
S324	2805	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/11/30 19:10

		sunglasses or sun-glasses)).clm.)	DERWENT; IBM_TDB			
S325	1095	S323 and S324	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:11
S326	202	S325 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/30 19:11
S327	21023	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S328	5671	S327 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S329	2806	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S330	1096	S328 and S329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S331	202	S330 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:02
S332	162	S331 and (wire or wiring or wired or connector or cable or interconnect$3 or inter-connect$3 or conduct$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:05

S333	842	((insulat$5 same (grease or acrylic or silicone or urethane or epoxy)) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:13
S334	807	S333 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:14
S335	90	S334 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:15
S336	88	S335 and (wire or wiring or wired or connector or cable or interconnect$3 or inter-connect$3 or conduct$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 01:15
S337	1	(US-5946071-$).did.	USPAT	OR	ON	2015/12/01 01:19
S338	1	(US-6231703-$).did.	USPAT	OR	ON	2015/12/01 01:21
S339	1	(US-20020140899-$).did.	US-PGPUB	OR	ON	2015/12/01 01:26
S340	1	(US-20120310339-$).did.	US-PGPUB	OR	ON	2015/12/01 01:37
S341	1	(US-20130070198-$).did.	US-PGPUB	OR	ON	2015/12/01 01:38
S342	1	(US-20140213917-$).did.	US-PGPUB	OR	ON	2015/12/01 01:40
S343	1	(US-20130215374-$).did.	US-PGPUB	OR	ON	2015/12/01 01:40
S344	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 07:33
S345	1	S344 and (insulat$5 or grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 07:34
S346	1349	(((silicone or (polymerized adj2	US-PGPUB;	OR	ON	2015/12/01

		siloxanes) or polysiloxane) near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((water near3 resistant) or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or tight or tightly) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			08:38
S347	1173	S346 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:39
S348	54781	(((silicone or (polymerized adj2 siloxanes) or polysiloxane) near6 (paste or compound or oil or viscosity or lubrican$4 or grease)) and (insulat$5 or grease or acrylic or silicone or urethane or epoxy) same (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:42
S349	544	S347 and S348	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:43
S350	29	S349 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 08:44
S351	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 08:53
S352	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 09:08
S353	515	S349 not S350	US-PGPUB; USPAT;	OR	ON	2015/12/01 09:10

			USOCR; EPO; JPO; DERWENT; IBM_TDB			
S354	317	S353 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:26
S355	32	S354 and insulat$5 and grease and (acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:27
S356	285	S354 not S355	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 09:30
S357	1	(US-20080130272-$).did.	US-PGPUB	OR	ON	2015/12/01 10:37
S358	21023	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S359	5671	S358 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control$5 or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S360	2806	((insulat$5 or grease or acrylic or silicone or urethane or epoxy) and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S361	1096	S359 and S360	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:18
S362	308	S361 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy or polyurethane)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2015/12/01 11:18

			EPO; JPO; DERWENT; IBM_TDB			
S363	303	S362 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 11:21
S364	1	(US-20080239452-$).did.	US-PGPUB	OR	ON	2015/12/01 11:36
S365	1836	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S366	2723	G02C11/00.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S367	625	G02C11/04.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S368	951	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:23
S369	1827	351/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:24
S370	84	S365 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:24
S371	13	"11261035"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:40

S372	3388	S365 or S366 or S367 or S368 or S369	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:43
S373	124	S372 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:44
S374	40	S373 not S370	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:44
S375	40	S374 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 12:59
S376	1	(US-20100265456-$).did.	US-PGPUB	OR	ON	2015/12/01 13:01
S377	986	(insulat$5 and (grease or acrylic or silicone or urethane or epoxy)) same (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4) and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:01
S378	97	S377 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:02
S379	1836	G02C11/10.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S380	2723	G02C11/00.cpc.	US-PGPUB; USPAT; USOCR;	OR	ON	2015/12/01 14:04

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S381	625	G02C11/04.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S382	951	G02C11/06.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S383	1827	351/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S384	84	S379 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S385	3388	S379 or S380 or S381 or S382 or S383	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S386	124	S385 and insulat$5 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S387	40	S386 not S384	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S388	40	S387 and (grease or acrylic or silicone or urethane or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:04
S389	73	S378 not (S384 or S386 or S388)	US-PGPUB; USPAT;	OR	ON	2015/12/01 14:04

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S390	81	(US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$ or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$ or US-20060132382-$ or US-20130293448-$).did. or (US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-5229885-$).did. or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2015/12/01 14:15
S391	54	S390 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 14:16

S393	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2015/12/01 19:06
S394	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 19:15
S395	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 19:18
S396	1	(US-20090082835-$).did.	US-PGPUB	OR	ON	2015/12/01 23:28
S397	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 23:51
S398	2	S397 and (configured or adapted or designed or capable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/01 23:52
S399	2	(US-5455638-$ or US-4520238-$).did.	USPAT	OR	ON	2015/12/02 00:43
S400	2	"20060132382".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/02 00:43
S401	1	(US-6824265-$).did.	USPAT	OR	ON	2015/12/02 00:45
S402	6	S396 or S399 or S401 or S400	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/12/02 00:45
S403	5	(US-20090082835-$ or US-20060132382-$).did. or (US-5455638-$ or US-4520238-$ or US-6824265-$).did.	US-PGPUB; USPAT	OR	ON	2015/12/02 00:46
S404	163251	(eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:06
S405	17858	S404 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:07
S406	13048	S405 and (water or waterproof$4 or water-proof$4 or moisture or moistureproof$4 or moisture-proof$4 or sweat or sweating or sweaty or salt or salted or salty or hermetic or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2016/06/19 00:08

		hermetically or seal or sealed or sealing or sealer or proof or proofing or proofed or rain or swim or swimming or swimmer or snow or snowing or weather or precipitation or condensation or wet)	DERWENT; IBM_TDB			
S407	1061	S406 and ((waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer) with (grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:10
S408	137	S407 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) same ((waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or seal or sealed or sealing or sealer) same (grease or acrylic or silicone or urethane or epoxy)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:10
S409	132	S408 and (seal or sealed or sealing or sealer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:11
S410	94	S409 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:12
S411	96	S409 and (power or electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:12
S412	96	S409 and (hearing or power or electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 00:13
S413	1	(US-5066022-$).did.	USPAT	OR	ON	2016/06/19

						00:14
S414	1	(US-6166849-$).did.	USPAT	OR	ON	2016/06/19 00:15
S415	1	(US-20010024719-$).did.	US-PGPUB	OR	ON	2016/06/19 00:15
S416	1	(US-20020140899-$).did.	US-PGPUB	OR	ON	2016/06/19 00:16
S417	1	(US-6787606-$).did.	USPAT	OR	ON	2016/06/19 00:17
S418	1	(US-20120029367-$).did.	US-PGPUB	OR	ON	2016/06/19 00:19
S419	1	(US-20140104566-$).did.	DERWENT	OR	ON	2016/06/19 00:20
S420	1	(US-20120029367-$).did.	US-PGPUB	OR	ON	2016/06/19 18:21
S421	1	(US-20030231293-$).did.	US-PGPUB	OR	ON	2016/06/19 18:23
S422	1	(US-6166849-$).did.	USPAT	OR	ON	2016/06/19 18:29
S423	1	(US-5066022-$).did.	USPAT	OR	ON	2016/06/19 18:31
S424	837179	((seal or sealed or sealing or sealer) with (hearing or power or electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 18:47
S425	2688	S424 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 18:48
S426	1458	S425 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 18:49
S427	223	S426 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 18:50
S428	1	(US-4254451-$).did.	USPAT	OR	ON	2016/06/19 18:58
S429	837179	((seal or sealed or sealing or sealer) with (hearing or power or electronics or electrical or battery or batteries or	US-PGPUB; USPAT; USOCR;	OR	ON	2016/06/19 22:46

		microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S430	2688	S429 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:46
S431	1458	S430 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:46
S432	223	S431 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:46
S433	33	S432 and (optic$4 adj2 power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:46
S434	190	S432 not S433	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:47
S435	166	S434 and (wire or wired or wiring or cable or cabling or conductor or conductive or conducting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 22:49
S436	1	(US-4254451-$).did.	USPAT	OR	ON	2016/06/19 23:07
S437	60	S435 and (battery or batteries or solar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 23:09
S438	172	S434 and (wire or wired or wiring or cable or cabling or conductor or	US-PGPUB; USPAT;	OR	ON	2016/06/19 23:09

		conductive or conducting or ribbon or circuit$3)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S439	64	S438 and (battery or batteries or solar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/19 23:10
S440	1	(US-6433913-$).did.	USPAT	OR	ON	2016/06/19 23:38
S441	1	(US-20030095336-$).did.	US-PGPUB	OR	ON	2016/06/19 23:41
S442	1	(US-20040160538-$).did.	US-PGPUB	OR	ON	2016/06/19 23:43
S443	1	(US-4254451-$).did.	USPAT	OR	ON	2016/06/20 00:24
S444	1	(US-5455638-$).did.	USPAT	OR	ON	2016/06/20 01:33
S445	1	S444 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:34
S446	134	((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)) same ((seal$4) with (grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:36
S447	62	S446 and (optic$4 adj2 power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:37
S448	40	S446 and (optic$4 adj power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:37
S449	94	S446 not S448	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:37
S450	66	S449 and ((light$3 or ("LED") or diode or hearing or power or electronics or electrical or battery or batteries or	US-PGPUB; USPAT; USOCR;	OR	ON	2016/06/20 01:39

		solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S451	1877	351/158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:56
S452	248	S451 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:57
S453	229	S452 and ((light$3 or ("LED") or diode or hearing or power or electronics or electrical or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:58
S454	208	S453 and ((lamp or ("LED") or diode or hearing or power or electronics or electrical or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 01:59
S455	1	(US-5654786-$).did.	USPAT	OR	ON	2016/06/20 02:07
S456	1	(US-5946071-$).did.	USPAT	OR	ON	2016/06/20 02:10
S457	1	(US-20070030442-$).did.	US-PGPUB	OR	ON	2016/06/20 02:20
S458	1	(US-7581833-$).did.	USPAT	OR	ON	2016/06/20 02:30
S459	3	"20070046887".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 02:31

S460	1	S459 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 02:31
S461	1	(US-20070046887-$).did.	US-PGPUB	OR	ON	2016/06/20 02:32
S462	1	(US-7874666-$).did.	USPAT	OR	ON	2016/06/20 02:40
S463	1	(US-20110187989-$).did.	US-PGPUB	OR	ON	2016/06/20 02:43
S464	101	(US-20080273166-$ or US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20070146627-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$ or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$).did. or (US-20060132382-$ or US-20130293448-$ or US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$ or US-20010024719-$ or US-20040099356-$ or US-20120029367-$).did. or (US-20030095336-$ or US-20040160538-$ or US-20070279584-$ or US-20070046887-$ or US-20110187989-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2016/06/20 09:47

		5229885-$ or US-5066022-$ or US-6166849-$ or US-4254451-$ or US-6433913-$).did. or (US-5654786-$ or US-6431705-$ or US-7581833-$ or US-7874666-$ or US-8979295-$).did. or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$ or US-20140104566-$).did.				
S465	74	S464 and ((grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 09:48
S466	26	S465 and ((seal or sealed or sealing or sealer or sealant) same (grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 09:52
S467	23	S466 and ((seal or sealed or sealing or sealer or sealant) with (grease or acrylic or silicone or urethane or epoxy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/06/20 09:52
S468	1	(US-6433913-$).did.	USPAT	OR	ON	2016/06/20 10:11
S469	1	(US-6433913-$).did.	USPAT	OR	ON	2016/06/20 13:07
S470	1	(US-4254451-$).did.	USPAT	OR	ON	2016/06/20 13:07
S471	1	(US-5455638-$).did.	USPAT	OR	ON	2016/06/20 13:07
S472	3	S468 or S470 or S469 or S471	USPAT	OR	ON	2016/06/20 13:07
S473	3	(US-4254451-$ or US-5455638-$ or US-6433913-$).did.	USPAT	OR	ON	2016/06/20 13:08
S474	2	"20130250233".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/21 11:11
S475	1	S474 and conform$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/21 11:12
S476	3	(US-4254451-$ or US-5455638-$ or US-6433913-$).did.	USPAT	OR	ON	2017/02/21 11:59
S477	0	S476 and conform$6	US-PGPUB; USPAT; USOCR;	OR	ON	2017/02/21 11:59

			EPO; JPO; DERWENT; IBM_TDB			
S478	3	S476 and (coat or coated or coating or film or dipped or dip or deposit or depositing or deposited or encas$4 or encapsulat$6 or conform$6 or spray$4 or dipping or brush$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/21 12:04
S479	101	(US-20080273166-$ or US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20070146627-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$ or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$).did. or (US-20060132382-$ or US-20130293448-$ or US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$ or US-20010024719-$ or US-20040099356-$ or US-20120029367-$).did. or (US-20030095336-$ or US-20040160538-$ or US-20070279584-$ or US-20070046887-$ or US-20110187989-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-5229885-$ or US-5066022-$ or US-6166849-$ or US-4254451-$ or US-6433913-$).did. or (US-5654786-$ or US-6431705-$ or US-7581833-$ or US-7874666-$ or US-8979295-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2017/02/21 12:19

		or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$ or US-20140104566-$).did.				
S480	76	S479 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/21 12:20
S481	75	S480 and ((lamp or ("LED") or diode or hearing or power or electronics or electrical or electric or electrically or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/21 12:22
S482	73	S481 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/21 12:24
S483	67	S482 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/21 13:09
S484	101	(US-20080273166-$ or US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20070146627-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$ or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$).did. or (US-20060132382-$ or US-20130293448-$ or US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2017/02/22 07:10

		20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$ or US-20010024719-$ or US-20040099356-$ or US-20120029367-$).did. or (US-20030095336-$ or US-20040160538-$ or US-20070279584-$ or US-20070046887-$ or US-20110187989-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-5229885-$ or US-5066022-$ or US-6166849-$ or US-4254451-$ or US-6433913-$).did. or (US-5654786-$ or US-6431705-$ or US-7581833-$ or US-7874666-$ or US-8979295-$).did. or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$ or US-20140104566-$).did.				
S485	76	S484 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 07:10
S486	75	S485 and ((lamp or ("LED") or diode or hearing or power or electronics or electrical or electric or electrically or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 07:10
S487	73	S486 and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses))	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2017/02/22 07:10

			EPO; JPO; DERWENT; IBM_TDB			
S488	67	S487 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 07:10
S489	67	S488	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 07:10
S490	45	S489 and (encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 07:12
S491	37	S490 and (conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 07:12
S492	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2017/02/22 07:21
S493	13517	(((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)) and conform$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 08:22
S494	4078	(((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)) and (conformal or conforming))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 08:23
S495	838	(((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)) and (conformal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 08:23
S496	341	(((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)) and (conformal) and (temple or arm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 08:24
S497	106	S496 and (((eyeglasses or eye-glasses	US-PGPUB;	OR	ON	2017/02/22

		or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)).clm. and (conformal) and (temple or arm))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			08:24
S498	96	S497 and ((lamp or ("LED") or diode or hearing or power or electronics or electrical or electric or electrically or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 08:25
S499	89	S498 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 08:26
S500	85	S499 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 08:27
S501	1	(US-20040084790-$).did.	US-PGPUB	OR	ON	2017/02/22 08:42
S502	1	(US-20090306594-$).did.	US-PGPUB	OR	ON	2017/02/22 10:23
S503	1	(US-20120262667-$).did.	US-PGPUB	OR	ON	2017/02/22 10:33
S504	13	"11261035"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 10:42
S505	7	"11261035"	US-PGPUB	OR	ON	2017/02/22 10:42
S506	235	S496 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 11:03
S507	228	S506 and ((lamp or ("LED") or diode or hearing or power or electronics or electrical or electric or electrically or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 11:03

		active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4))				
S508	223	S507 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 11:08
S509	138	S508 not S500	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 11:09
S510	1	(US-20060126698-$).did.	US-PGPUB	OR	ON	2017/02/22 12:09
S511	2	"20050140924".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 12:24
S512	1	S511 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 12:26
S513	0	S512 and (brush$4 or spray$5 or dip$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 12:26
S514	1	S512 and (deposit$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 12:27
S515	1	S514 and (size or sized or sizing or mm or micron or thick or thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 12:28
S516	1	S515 and (conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 12:33
S517	1	S516 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or	US-PGPUB; USPAT; USOCR;	OR	ON	2017/02/22 12:34

		encapsulating)	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S518	1	(US-20050140924-$).did.	US-PGPUB	OR	ON	2017/02/22 12:47
S519	1	(US-20050140924-$).did.	US-PGPUB	OR	ON	2017/02/22 13:05
S520	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2017/02/22 13:05
S521	1	(US-4254451-$).did.	USPAT	OR	ON	2017/02/22 13:06
S522	0	S521 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid or fluid$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 14:16
S523	1	S520 and (acrylic or urethane or silicon$5 or epox$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 16:16
S524	1	S523 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 16:17
S525	0	S524 and (brush$4 or spray$5 or dip$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 16:17
S526	1	S524 and (size or sized or sizing or mm or micron or thick or thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 16:18
S527	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2017/02/22 17:28
S528	0	S519 and (brush$4 or spray$5 or dip$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 17:29
S529	1	S519 and (size or sized or sizing or mm or micron or thick or thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 17:29
S530	6571	(((lamp or ("LED") or diode or hearing	US-PGPUB;	OR	ON	2017/02/22

		or power or electronics or electrical or electric or electrically or battery or batteries or solar or photovoltaic or photo-voltaic or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)) and (((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses)) and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6) and (brush$4 or spray$5 or dip$5) and ((layer or coating or film) with (size or sized or sizing or mm or um or micron or thick or thickness))))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			17:46
S531	6460	S530 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or short-circuit or atmospher$6 or rain or water or moisture or liquid or fluid$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 17:49
S532	6340	S531 and (coat or coated or coating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 17:50
S533	282	S532 and ((coat or coated or coating) with (conform$6))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 17:51
S534	33	S533 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 17:53
S535	1	(US-20110013136-$).did.	US-PGPUB	OR	ON	2017/02/22 21:23
S536	2	(US-20110013136-$).did. or (US-5898470-$).did.	US-PGPUB; USPAT	OR	ON	2017/02/22 21:29
S537	2	S536 and (brush$4 or spray$5 or dip$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/02/22 21:29

S538	1	(US-20040121528-$).did.	US-PGPUB	OR	ON	2017/02/22 21:59
S539	1	(US-4254451-$).did.	USPAT	OR	ON	2017/02/22 22:00
S540	3	S535 or S538 or S539	US-PGPUB; USPAT	OR	ON	2017/02/22 22:00
S541	2	"20040121528".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:19
S542	1	"20120262667".pn.	US-PGPUB	OR	ON	2017/03/06 20:27
S543	1	"20080273166".pn.	US-PGPUB	OR	ON	2017/03/06 20:27
S544	1	"20100228689".pn.	US-PGPUB	OR	ON	2017/03/06 20:28
S545	1	"20140028966".pn.	US-PGPUB	OR	ON	2017/03/06 20:28
S546	4	S542 or S543 or S544 or S545	US-PGPUB	OR	ON	2017/03/06 20:29
S547	4	S546 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:29
S548	3	S547 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:31
S549	3	S548 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:34
S550	112	(US-20080273166-$ or US-20110139163-$ or US-20110102734-$ or US-20090147215-$ or US-20090059159-$ or US-20080143954-$ or US-20070030442-$ or US-20060023158-$ or US-20040217555-$ or US-20030025228-$ or US-20020037232-$ or US-20120162600-$ or US-20070146627-$ or US-20020140899-$ or US-20100076553-$ or US-20100265456-$ or US-20080068559-$ or US-20120220234-$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2017/03/06 20:51

		or US-20110051982-$ or US-20080144854-$ or US-20070248238-$ or US-20100296027-$ or US-20100177277-$ or US-20040050076-$ or US-20040050072-$ or US-20040059212-$).did. or (US-20060132382-$ or US-20130293448-$ or US-20140078462-$ or US-20090082835-$ or US-20050239502-$ or US-20080002141-$ or US-20090115962-$ or US-20130169924-$ or US-20130215374-$ or US-20130242262-$ or US-20100201938-$ or US-20030058406-$ or US-20030231293-$ or US-20040027501-$ or US-20040051846-$ or US-20080130272-$ or US-20120288654-$ or US-20120310339-$ or US-20130070198-$ or US-20140213917-$ or US-20030068505-$ or US-20040121528-$ or US-20080239452-$ or US-20120155064-$ or US-20010024719-$ or US-20040099356-$ or US-20120029367-$).did. or (US-20030095336-$ or US-20040160538-$ or US-20070279584-$ or US-20070046887-$ or US-20110187989-$ or US-20040084790-$ or US-20090306594-$ or US-20120262667-$ or US-20060095128-$ or US-20060126698-$ or US-20050140924-$ or US-20070144913-$ or US-20110013136-$).did. or (US-2930857-$ or US-4418990-$ or US-4991951-$ or US-6719425-$ or US-4338377-$ or US-6772448-$ or US-5835185-$ or US-5900720-$ or US-5455638-$ or US-5455637-$ or US-6074059-$ or US-7527374-$ or US-6231703-$ or US-5846649-$ or US-4243306-$ or US-4520238-$ or US-5606743-$ or US-6824265-$ or US-5164707-$ or US-5946071-$ or US-6517203-$ or US-5229885-$ or US-5066022-$ or US-6166849-$ or US-4254451-$ or US-6433913-$).did. or (US-5654786-$ or US-6431705-$ or US-7581833-$ or US-7874666-$ or US-8979295-$ or US-6986579-$ or US-7396126-$ or US-5898470-$).did. or (US-2930857-$).did. or (EP-2233964-$ or WO-2009081542-$).did. or (WO-2009098719-$).did. or (JP-2003149607-$).did. or (WO-2009081542-$ or US-20030174277-$ or US-4991951-$ or DE-3221690-$ or US-20140104566-$).did.				
S551	94	S550 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:51

S552	89	S551 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6 or seal$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:52
S553	89	S552 and (coat or coated or coating or encased or encasing or encapsule or encapsulated or encapsulation or encapsulating or conform$6 or seal$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:52
S554	89	S553 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or hermetic or hermetically or short or atmospher$6 or rain or water or moisture or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:52
S555	87	S554 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:52
S556	71	S555 and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:53
S557	41	S556 and "351".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:53
S558	31	S557 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:57
S559	17	S558 and (conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 20:58
S560	11	S559 and (coat or coated or coating)	US-PGPUB; USPAT; USOCR;	OR	ON	2017/03/06 20:58

			EPO; JPO; DERWENT; IBM_TDB			
S561	6805	"351".clas. and (eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:06
S562	1168	S561 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:06
S563	725	S562 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:07
S564	212	S563 and (conform$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:07
S565	132	S564 and (coat or coated or coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:07
S566	17	S565 and (conform$6 with (coat or coated or coating))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:08
S567	12	S566 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:08
S568	11	S567 not S560	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:08

S569	132	S565 and (conform$6 and (coat or coated or coating))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:13
S570	73	S569 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:14
S571	21	S570 and (conform$6 same (acrylic or urethane or silicone or epoxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:14
S572	12	S571 not S568	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:14
S573	11	S572 not S560	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:15
S574	1920	351/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:18
S575	1150	S574 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:19
S576	55	S575 and (conform$6 and (coat or coated or coating))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:19
S577	32	S576 and (waterproof$4 or water-proof$4 or moistureproof$4 or	US-PGPUB; USPAT;	OR	ON	2017/03/06 21:19

		moisture-proof$4 or rain or water or moisture)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S578	23	S577 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:20
S579	16	S578 not (S560 or S568)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:20
S580	272	S575 and (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:27
S581	101	S580 and (acrylic or urethane or silicone or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:27
S582	78	S581 not (S560 or S568 or S579)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:27
S583	15	S582 and ((acrylic or urethane or silicone or epoxy) same (coat or coated or coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:28
S584	1050	"351".clas. and ((eyeglasses or eye-glasses or (eye adj2 glasses) or spectacles or eyewear or eye-wear or (eye adj2 wear) or sunglasses or sun-glasses) same (waterproof$4 or water-proof$4 or moistureproof$4 or moisture-proof$4 or rain or water or moisture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:35
S585	169	S584 and ((acrylic or urethane or silicone or epoxy) same (coat or coated or coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2017/03/06 21:35

			IBM_TDB			
S586	132	S585 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or control or controled or controlled or controller or controling or controlling or controler or controller or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:36
S587	77	S586 and (electronics or electrical or battery or batteries or microchip or processor or antenna or computer$4 or electroactive or electro-active or microprocess$4 or circuit$4 or chip or "IC" or microelectronic$4 or micro-electronic$4 or microelectric$4 or micro-electric$4 or microcontrol$4 or micro-control$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:36
S588	62	S587 not (S560 or S568 or S579 or S583)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/03/06 21:37

3/7/2017 10:35:21 AM
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	13890809	BLUM ET AL.
	Examiner	Art Unit
	GARY O'NEILL	2872

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

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

CLAIM		DATE								
Final	Original	10/31/2014	06/24/2015	12/02/2015	06/20/2016	02/22/2017				
	1	✓	✓	✓	✓	✓				
	2	✓	✓	✓	✓	-				
	3	✓	✓	✓	-	-				
	4	✓	✓	✓	✓	✓				
	5	✓	✓	✓	✓	-				
	6	✓	✓	✓	✓	-				
	7	✓	✓	✓	✓	-				
	8	✓	✓	✓	✓	-				
	9	✓	✓	✓	✓	-				
	10	✓	✓	✓	✓	✓				
	11	✓	✓	✓	✓	✓				
	12	✓	✓	✓	✓	-				
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	14		✓	✓	✓	-				
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	19				✓	-				
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	21					✓				
	22					✓				
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	24					✓				
	25					✓				
	26					✓				
	27					✓				
	28					✓				

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: BLUM *et al.*	Confirmation No.: 9971
Applicant: MITSUI CHEMICALS, INC.	Art Unit: 2872
Application No.: 13/890,809	Examiner: O'NEILL, Gary William
Filing Date: May 9, 2013	Atty. Docket: 3585.1260000

Title: **MOISTURE-RESISTANT EYE WEAR**

Reply Under 37 C.F.R. § 1.111

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Commissioner:

In reply to the Office Action dated March 14, 2017, Applicant submits the following remarks.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any additional fees required to continue prosecution or appeal of this application (including issue fee, fees for net addition of claims or forwarding to appeal) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Listing of the Claims

This listing of claims is provided for reference only. No amendments are made to the claims.

1. (Previously Presented) An eyewear system comprising:

an eyewear frame;

an electronic assembly comprising electronic components configured to control an electrical functional member;

at least one electrical connective element electrically connected to the electronic assembly and the electrical functional member; and

a conformal layer over the electronic assembly to seal the electronic components;

wherein the conformal layer is moisture proof and seals electrical connections of the electronic component;

wherein the conformal layer is disposed in an enclosure of the eyewear frame;

wherein the eyewear frame comprises a temple; and

wherein the electronic assembly is enclosed in the temple.

2.–3. (Canceled)

4. (Previously Presented) The eyewear system of claim 1, wherein the electrical functional member comprises a lens.

5.–9. (Canceled)

10. (Previously Presented) The eyewear system of claim 1, wherein the electrical functional member includes at least one of an electro-active lens, an electro-chromic lens, an electronic display, a sensor, a GPS, an alarm, a hearing aid, a virtual reality function, an augmented reality function, a gaming function, an audio output function, a microphone function, a recording function, a transmitter function, a pedometer, and an active 3D function.

11. (Previously Presented) The eyewear system of claim 1, wherein the electrical connective element is a conductive compressible member or a multi-conductor cable.

12.–19. (Canceled)

20. (Previously Presented) The eyewear system of claim 1, wherein the electronic assembly comprises at least one of a touch sensor or a micro-processor.

21. (Previously Presented) The eyewear system of claim 1, wherein the enclosure comprises at least one of an outer casing of the electronic assembly or a cavity of the eyewear frame.

22. (Previously Presented) The eyewear system of claim 1, wherein the conformal layer comprises at least one of an encasing layer or an encapsulating layer.

23. (Previously Presented) The eyewear system of claim 1, wherein the conformal layer protects the electronic components from external environmental damage.

24. (Previously Presented) The eyewear system of claim 1, wherein the conformal layer is a conformal coating.

25. (Previously Presented) The eyewear system of claim 23, wherein a thickness of the conformal coating is less than 1 mm.

26. (Previously Presented) The eyewear system of claim 23, wherein the conformal coating comprises at least one of an acrylic, urethane, silicone, or epoxy.

27. (Previously Presented) The eyewear system of claim 26, wherein the conformal coating is brush applied, spray applied, or dip applied.

28. (Previously Presented) A method of manufacturing an eyewear system comprising:

providing a plurality of electronic components;

connecting the plurality of electronics via electrical connections to form an electronic assembly;

depositing a conformal layer over the electronic assembly; and

coupling the electronic assembly with the conformal layer to an enclosure of an eyewear frame.

Remarks

Reconsideration of this Application is respectfully requested.

Claims 1, 4, 10, 11, and 20–28 are pending in the application, with claims 1 and 28 being the independent claims. No claims are amended or canceled. Based on the following remarks, Applicant respectfully requests that the Office reconsider all outstanding objections and rejections and that they be withdrawn.

Rejections under 35 U.S.C. § 102

Claim 28 stands rejected as anticipated by Cochran (U.S. Patent 4,254,451), which discloses an eyewear frame studded with light-emitting diodes (LEDs). To anticipate a claim, a reference must disclose each and every element of the claim. In this case, Cochran doesn't disclose "depositing a conformal layer over the electronic assembly" as recited in claim 28. Therefore, Cochran doesn't anticipate claim 28.

The "electronic assembly" of Claim 28 over which a conformal layer is deposited is a plurality of electronic components connected via electrical connections

Claim 28 requires:

> providing a plurality of electronic components;
>
> connecting the plurality of electronics via electrical connections to form an electronic assembly;
>
> depositing a conformal layer over the electronic assembly
>
> (Current claim set, Claim 28.)

The specification provides an example of an electronics assembly, a capacitive touch switch coupled to a printed circuit board, and possibly other electronic components, by electrical connectors:

> [f]or instance, electrical connectors coupled to a PCB may be coupled to one or more electrical connectors that may have been reflow soldered to the capacitive touch switch. In this manner, an electronic assembly may be created, wherein each additional electronic component may connect to another electronic component or components.

(Specification, ¶ [0152].) Further, the conformal layer is deposited over the electronic assembly. (*Id.*, ¶ [0153].)

Cochran does not disclose depositing a conformal layer over an electronic assembly

According the Office Action dated March 14, 2017 ("Office Action"), Cochran's disclosure of a flexible ribbon layer provides the step of depositing a conformal layer recited in claim 28. (Office Action, ¶ 7.)

Here is what the cited section of Cochran says:

> [a]s shown most clearly in FIGS. 3 and 5, the LED's are wired by means of a "flex circuit" 30, which is a flexible ribbon of plastic *on which is deposited* a plurality of thin strips of conductive material such as copper. Flex circuits, which may be likened to flexible printed circuit boards, are readily available from several manufacturers.

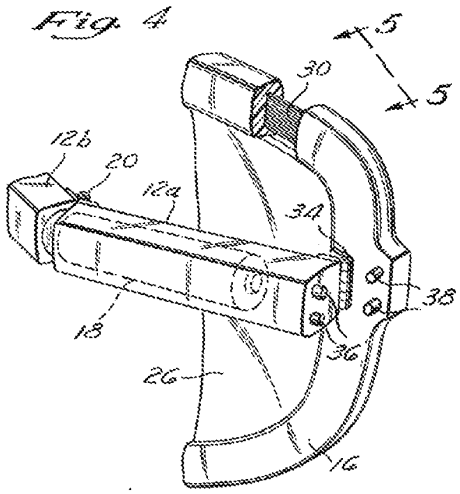
(Cochran, 3:43–49, emphasis added.)

The Office identifies alleged "electronic components" 18, 28, 30, 36, 38 etc. of Cochran. (Office Action, ¶ 7.) And, the Office identifies an alleged deposition of a conformal layer: "depositing a conformal layer (flexible plastic ribbon layer, column 3, lines 44-48) over the electronics assembly (plurality of copper strips are deposited in flexible plastic, column 3, lines 43-48, figures 4, 5). *Id.* But, there is a disconnect in the Office's logic – the cited section of Cochran doesn't say whether or not the copper strips or the flexible ribbon is deposited over an electronic assembly. Rather, it says that conductive strips are deposited on the flexible ribbon. Assuming *arguendo* that the copper strips of Cochran are conformally deposited over the flexible ribbon, Applicant respectfully submits that the flexible ribbon of Cochran is not an "electronics assembly" as required by claim 28. It also doesn't say whether the flexible ribbon actually conforms or is shaped to fit an electronic assembly. Thus, this section of Cochran doesn't provide the step of the depositing a conformal layer over an electronics assembly recited in claim 28.

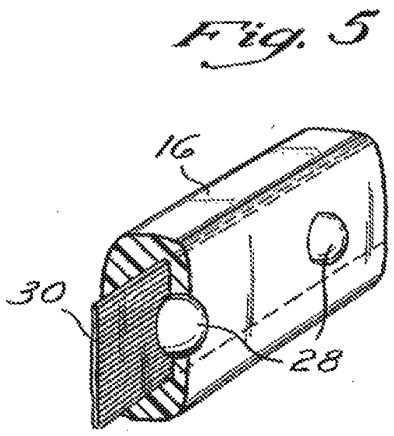
In fact, Cochran's FIGS. 4 and 5 (reproduced below) show that the flexible ribbon isn't deposited over an electronic assembly. Instead, they show that the flexible ribbon, which is part of the circuit 30, is embedded in the eyewear rims and wired to LEDs sticking out of the eyewear rims. Cochran, 3:54–56 ("The flex circuit 30 and flat pack module 32

may be embedded within the lense [sic] holding portion 16 by any of several well-known techniques."). The flexible ribbon isn't deposited or otherwise placed on an electronic assembly, nor does it conform to an electronic assembly.

Given these distinctions, Cochran fails to disclose each and every element of claim 28. Thus, Cochran doesn't anticipate claim 28, so the rejection of claim 28 should be withdrawn.



Cochran, FIG. 4.



Cochran, FIG. 5.

For at least these reasons, claim 28 is allowable. Applicant respectfully asks the Office to withdraw the § 102 rejection of claim 28.

Rejections under 35 U.S.C. § 103

Claims 1, 10, 11, 20–24, and 26 are rejected under 35 U.S.C. § 103 as being unpatentable over Cochran in view of U.S. Patent Publication No. 2005/0230596 A1 to Howell *et al.*

Claims 25 and 27 are rejected under 35 U.S.C. § 103 as being unpatentable over Cochran in view of Howell, as applied to claims 23 and 26 above respectively, and further in view of U.S. Patent Publication No. 2011/0013136 A1 to Archambeau *et al.*

Claim 1

The obviousness rejection of claim 1 starts from the same flawed position applied to claim 28, that that Cochran's flexible plastic ribbon layer and copper strips provide a conformal layer over

an electronic assembly. (Office Action, ¶13.) The Office acknowledges that Cochran doesn't disclose a conformal layer that seals an electronic assembly. (Office Action, ¶13.) Instead, the Office action relies on the top encapsulant 1490 in paragraph [0151] of Howell to provide the notion of "sealing." The Office action states further that "[i]t would have been obvious … to use the eyewear as taught by Cochran with the epoxy encapsulant as taught by Howell for the purpose of blocking unwanted radiation away from electronic components in a water proof eyewear system."

Applicant traverses these rejections for at least three reasons.

First, as explained above with respect to claim 28, Cochran's flexible ribbon is not a conformal layer, nor is it deposited over an electronic assembly. Rather, the copper strips are deposited on the flexible ribbon, which is not an electronics assembly.

Second, neither Cochran nor Howell discloses a conformal layer that is "moisture proof" like the conformal layer recited in claim 1. Cochran doesn't mentioned whether or not the flexible ribbon provides a moisture-proof barrier over the copper strips or any other components. If the copper strips are on the flexible ribbon, then the flexible ribbon probably doesn't prevent moisture from reaching the copper strips. And paragraph [0151] of Howell doesn't say whether or not the top encapsulant 1490 is moisture-proof:

> Finally, the top of the UV detector arrangement 1480, except for the optical filter 1489, can be encapsulated by a top encapsulant 1490. For example, the top encapsulant 1490 can be epoxy. The bottom of the UV detector arrangement 1480 can be encapsulated by a bottom encapsulant 1492. For example, the bottom encapsulant 1492 can be epoxy. The epoxy used for the encapsulant 1490 or 1492 can be opaque (e.g., block epoxy) to further assist in blocking radiation.

(Howell, ¶ [0151].) Because neither Cochran's flexible ribbon nor Howell's top encapsulant 1490 is "moisture proof," combining Cochran's flexible ribbon and Howell's top encapsulant 1490 does not result in the moisture-proof conformal layer of claim 1.

Third, the motivation to modify or combine Cochran and Howell does not make sense. Howell's top encapsulant 1490 can be opaque to block visible radiation that might otherwise trigger a phototransistor meant to detect UV radiation. (Howell, ¶¶ [0149]-[0153].) Cochran's eyewear doesn't include a phototransistor that is susceptible to radiation. So there is no reason to block unwanted radiation away from electronic components in Cochran's eyewear.

For at least these reasons, the Office's § 103 rejection is deficient. Applicant respectfully asks the Office to withdraw the § 103 rejection of claim 1.

Dependent claims 4, 10, 11, 20–27

Dependent claims 4, 10, 11, and 20–27 depend from claim 1 and are allowable for at least the same reasons as claim 1. Applicant respectfully asks the Office to withdraw the § 103 rejections of claims 4, 10, 11, and 20–27.

Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Office reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Office believes, for any reason, that personal communication will expedite prosecution of this application, the Office is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

/John McGroarty 41186/

John P. McGroarty
Attorney for Applicant
Registration No. 41,186

Date: 9/12/2017

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5161360

Electronic Patent Application Fee Transmittal

Application Number:	13890809
Filing Date:	09-May-2013
Title of Invention:	MOISTURE-RESISTANT EYE WEAR
First Named Inventor/Applicant Name:	Ronald D. Blum
Filer:	Alexander Ross Covington/Catherine Saunders
Attorney Docket Number:	3585.1260000

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

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

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 3 months with $0 paid	1253	1	1400	1400
Miscellaneous:				
		Total in USD ($)		**1400**

Electronic Acknowledgement Receipt	
EFS ID:	30349003
Application Number:	13890809
International Application Number:	
Confirmation Number:	9971
Title of Invention:	MOISTURE-RESISTANT EYE WEAR
First Named Inventor/Applicant Name:	Ronald D. Blum
Customer Number:	115626
Filer:	Alexander Ross Covington/Catherine Saunders
Filer Authorized By:	Alexander Ross Covington
Attorney Docket Number:	3585.1260000
Receipt Date:	13-SEP-2017
Filing Date:	09-MAY-2013
Time Stamp:	13:12:26
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$1400
RAM confirmation Number	091317INTEFSW13153300
Deposit Account	
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		35851260000_Reply_111.pdf	458364 a13fa759efb9a9d597bf97a6b05e9d576370bb48	yes	12

Multipart Description/PDF files in .zip description

Document Description	Start	End
Transmittal Letter	1	1
Extension of Time	2	2
Amendment/Req. Reconsideration-After Non-Final Reject	3	3
Claims	4	6
Applicant Arguments/Remarks Made in an Amendment	7	12

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30763 749b96e8b3aed962677d019f81f8eb734d62fa01	no	2

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

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

New International Application Filed with the USPTO as a Receiving Office

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

Doc Code: TRAN.LET

Document Description: Transmittal Letter

PTO/SB/21 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	13/890,809
Filing Date	May 9, 2013
First Named Inventor	Ronald D. BLUM
Art Unit	2872
Examiner Name	O'NEILL, Gary William
Attorney Docket Number	3585.1260000

ENCLOSURES *(Check all that apply)*

- [ ] Fee Transmittal Form
- [X] Fee Attached
- [X] Amendment/Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [X] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Reply to Missing Parts/ incomplete Application
  - [ ] Reply to Missing Parts under 37 CFR 1.52 or 1.53
- [ ] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Power of Attorney, Revocation Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____
  - [ ] Landscape Table on CD
- [ ] After Allowance Communication to TC
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- [ ] Proprietary Information
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.		
Signature	/John McGroarty 41186/		
Printed name	John P. McGroarty		
Date	9/12/2017	Reg. No.	41,186

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PTO/AIA/22 (03-13)
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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): 3585.1260000

Application Number	Filed
13/890,809	May 9, 2013

For: MOISTURE-RESISTANT EYE WEAR

Art Unit	Examiner
2872	O'NEILL, Gary William

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

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

		Fee	Small Entity Fee	Micro Entity Fee	
☐	One month (37 CFR 1.17(a)(1))	$200	$100	$50	$
☐	Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$
☒	Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$ 1,400.00
☐	Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
☐	Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$

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

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

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

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

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

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 19-0036.

☒ Payment made via EFS-Web.

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

I am the

☐ applicant.

☒ attorney or agent of record. Registration number 41,186.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/John McGroarty 41186/	9/12/2017
Signature	Date
John P. McGroarty	(202) 371-2600
Typed or printed name	Telephone Number

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

☒ * Total of 1 (one) forms are submitted.

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

8201703

PTO/SB/06 (09-11)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/890,809	Filing Date 05/09/2013	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

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

APPLICATION AS AMENDED – PART II

AMENDMENT	09/13/2017	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 13	Minus	** 20	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X $420 =	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**

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

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

LIE
NICOLLE L. SCRIVNER

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.