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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/823,846	01/20/2022	Joo Young SHIN	Q271425	2422

23373 7590 04/23/2024  
SUGHRUE MION, PLLC  
2000 PENNSYLVANIA AVENUE, N.W.  
SUITE 9000  
WASHINGTON, DC 20006

EXAMINER
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LEBLANC, LORYN KORRINE

ART UNIT	PAPER NUMBER
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2914

NOTIFICATION DATE	DELIVERY MODE
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04/23/2024

ELECTRONIC

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

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

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

PPROCESSING@SUGHRUE.COM

sughrue@sughrue.com

uspto@sughrue.com

APPLICATION NO.	ISSUE DATE	PATENT NO.
29/823,846	23-Apr-2024	D1024169

SUGHRUE MION, PLLC  
2000 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, DC 20006

## EGRANT NOTIFICATION

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

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

## PART B - FEE(S) TRANSMITTAL

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

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

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

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because the electronic patent may issue shortly after the issue fee is paid, any desired continuing application is preferably filed prior to payment of the issue fee so as to insure copendency with its parent application.**

### CURRENT CORRESPONDENCE ADDRESS

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

23373

SUGHRUE MION, PLLC  
2000 PENNSYLVANIA AVENUE, NW, SUITE 9000  
WASHINGTON, DC 20006-1811

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

### Certificate of Mailing or Transmission

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

(Typed or printed name)

(Signature)

(Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO
29/823,846	01/20/2022	Joo Young SHIN	Q271425	2422

### TITLE OF INVENTION: PROTECTIVE COVER FOR CAMERA

APPLN TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	Undiscounted	\$740	\$0	\$0	\$740	04/04/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
LORYN KORRINE LEBLANC	2914	D16-237000

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

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

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

1. Sughrue Mion, PLLC

2. \_\_\_\_\_

3. \_\_\_\_\_

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

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

(A) NAME OF ASSIGNEE

**HANWHA VISION CO., LTD.**

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Seongnam-si, Republic of Korea**

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

4a. Fees Submitted: ☒ Issue Fee ☐ Publication Fee (if required)

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

- ☒ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed Check ☐ Non-electronic payment by credit card (Attach form PTO-2038)  
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 19-4880

5. Change of Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29.  
☐ Applicant asserting small entity status. See 37 CFR 1.27.  
☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken as a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken as a notification of loss of entitlement to small or micro entity status, as applicable.

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

Authorized Signature /John M. Bird/

Date March 6, 2024

Typed or Printed Name John M. Bird

Registration No. 46,027



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## NOTICE OF ALLOWANCE AND FEE(S) DUE

23373 7590 01/04/2024  
SUGHRUE MION, PLLC  
2000 PENNSYLVANIA AVENUE, N.W.  
SUITE 9000  
WASHINGTON, DC 20006

EXAMINER

LEBLANC, LORYN KORRINE

ART UNIT

PAPER NUMBER

2914

DATE MAILED: 01/04/2024

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/823,846	01/20/2022	Joo Young SHIN	Q271425	2422

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APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$740	\$0.00	\$0.00	\$740	04/04/2024

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

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

### HOW TO REPLY TO THIS NOTICE:

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

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

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

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

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

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

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

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23373 7590 01/04/2024  
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WASHINGTON, DC 20006

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/823,846	01/20/2022	Joo Young SHIN	Q271425	2422

TITLE OF INVENTION: PROTECTIVE COVER FOR CAMERA

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$740	\$0.00	\$0.00	\$740	04/04/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
LEBLANC, LORYN KORRINE	2914	D16-237000

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

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(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2 \_\_\_\_\_

3 \_\_\_\_\_

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

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

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

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

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

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☐ Applicant asserting small entity status. See 37 CFR 1.27

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

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_

Registration No. \_\_\_\_\_



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/823,846	01/20/2022	Joo Young SHIN	Q271425	2422
23373	7590	01/04/2024	EXAMINER	
SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W. SUITE 9000 WASHINGTON, DC 20006			LEBLANC, LORYN KORRINE	
			ART UNIT	PAPER NUMBER
			2914	

DATE MAILED: 01/04/2024

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

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

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

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

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

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

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

### Privacy Act Statement

**The Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).

<https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

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

- 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
- 2) a federal, state, local, or international agency, in response to its request;
- 3) a contractor of the USPTO having need for the information in order to perform a contract;
- 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
- 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
- 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
- 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
- 8) another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c));
- 9) the Office of Personnel Management (OPM) for personnel research purposes; and
- 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

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

<b>Notice of Allowability For A Design Application</b>	<b>Application No.</b> 29/823,846	<b>Applicant(s)</b> SHIN, Joo Young	
	<b>Examiner</b> Loryn K LeBlanc	<b>Art Unit</b> 2914	<b>AIA (FITF) Status</b> Yes

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

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. This notice does not set or reset the time period for paying the issue fee. The issue fee must be paid within THREE MONTHS FROM THE MAILING DATE of the Notice of Allowance (PTOL-85) or this application shall be regarded as ABANDONED. This statutory period cannot be extended. See 35 U.S.C.151.

1. ☒ This communication is responsive to Applicant's Response dated 11/20/2023 .
- ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_ .
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_ the restriction requirement and election have been incorporated into this action.
3. ☒ The claim is allowed.
4. ☒ Acceptable drawings:
- (a) ☒ The drawings filed on 20 November 2023 are accepted by the Examiner.
- (b) ☐ Drawing Figures filed on \_\_\_\_ and drawing Figures filed on \_\_\_\_ are accepted by the Examiner.
5. ☒ The claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f) is acknowledged.

**Certified copies:**

- a) ☒ All      b) ☐ Some      \*c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_ .
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirement for corrected drawings noted in item 6 below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.** See 37 CFR 1.85(c). **NOTE: This notice does not set or reset the time period for paying the issue fee.**

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

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

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4. <input type="checkbox"/> Examiner's Amendment/Comment                  |
| 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Receipt Date ____ | 5. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date ____                      | 6. <input type="checkbox"/> Other ____ .                                  |

**NOTE:** \_\_\_\_

/LORYN K. LEBLANC/  
Examiner, Art Unit 2914

/BAO-YEN T NGUYEN/  
Primary Examiner, Art Unit 2919



**AMENDMENTS TO THE SPECIFICATION**

**Please replace the Specification with the following amended Specification:**

This application claims priority from Korean Design Application 30-2021-0059966, filed on December 13, 2021, the entire disclosure of which is incorporated herein by reference.

BE IT KNOWN THAT I, SHIN, Joo Young, have invented a new, original and ornamental design for a

**PROTECTIVE COVER FOR CAMERA**

of which the following is a specification, reference being made to the accompanying drawings, forming a part thereof in which:

FIG. 1 is a perspective view of a protective cover for camera, showing ~~our~~my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof; and

FIG. 7 is a bottom view thereof.

I Claim:

The ornamental design for a protective cover for camera as shown and described.

**AMENDMENTS TO THE DRAWINGS**

Applicant is submitting herewith seven sheets of replacement drawings.

Attachment: 7 Replacement Sheets

### **REMARKS**

#### **Objections**

The drawing disclosure does not meet the requirements of 37 CFR 1.84. The drawings are rough and informal and not acceptable for use on a printed patent.

Applicant submits herewith clearer drawings.

Applicant has canceled the reference figure and has deleted the Appendix.

Applicant has amended the specification in the manner requested by the Examiner.

#### **Claim Rejection - Non-Statutory Double Patenting Rejection**

The claim is provisionally rejected under the judicially created doctrine of the obviousness-type double patenting of the claim of copending Applications No. 29/823,500 and 29/823,548.

Applicant files concurrently herewith a terminal disclaimer.

#### **Rejection Under 35 U.S.C. § 112 (a) and (b)**

The claim is rejected under 35 U.S.C. 112 (a) and (b).

Applicant has provided the features that the Examiner points to at pages 9 and 10 of the Office Action in broken lines.

#### **Conclusion**

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

/John M. Bird/

SUGHRUE MION, PLLC  
Telephone: 202.293.7060  
Facsimile: 202.293.7860

---

John M. Bird  
Registration No. 46,027

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: November 20, 2023

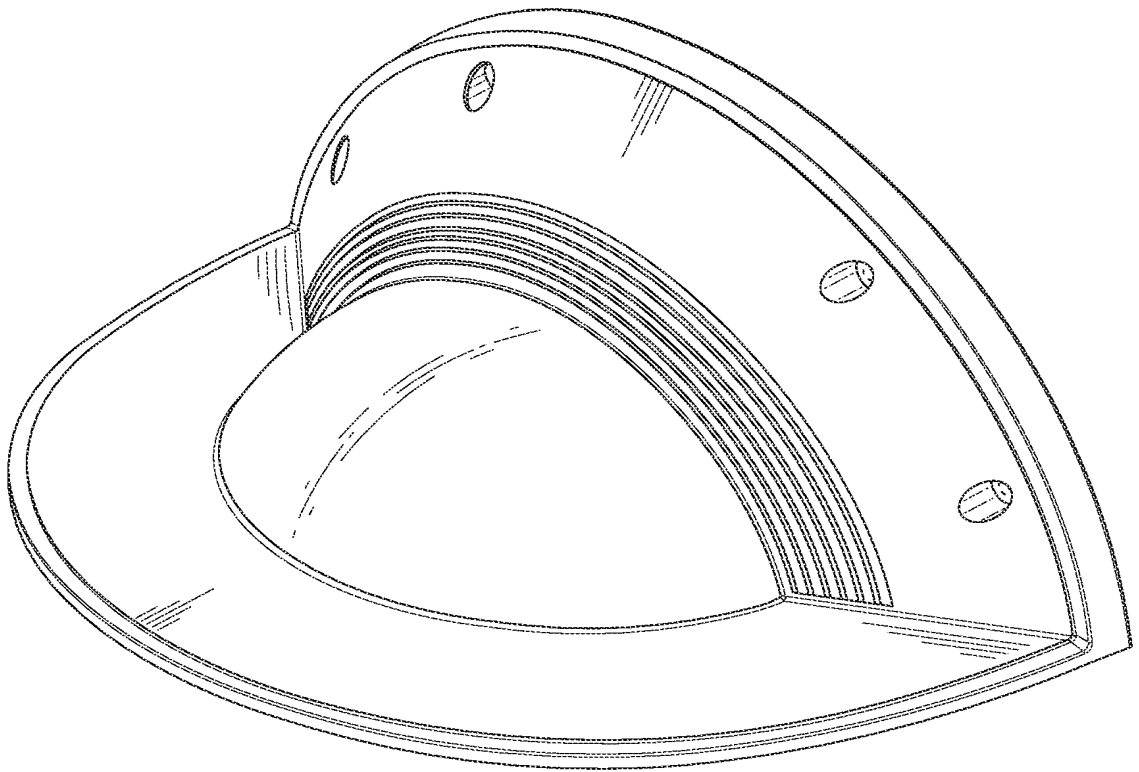


FIG. 1

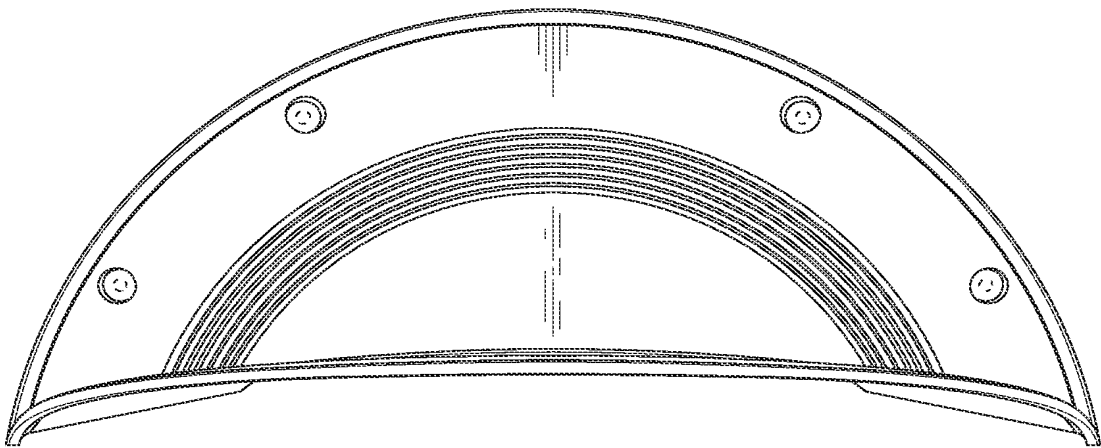


FIG. 2

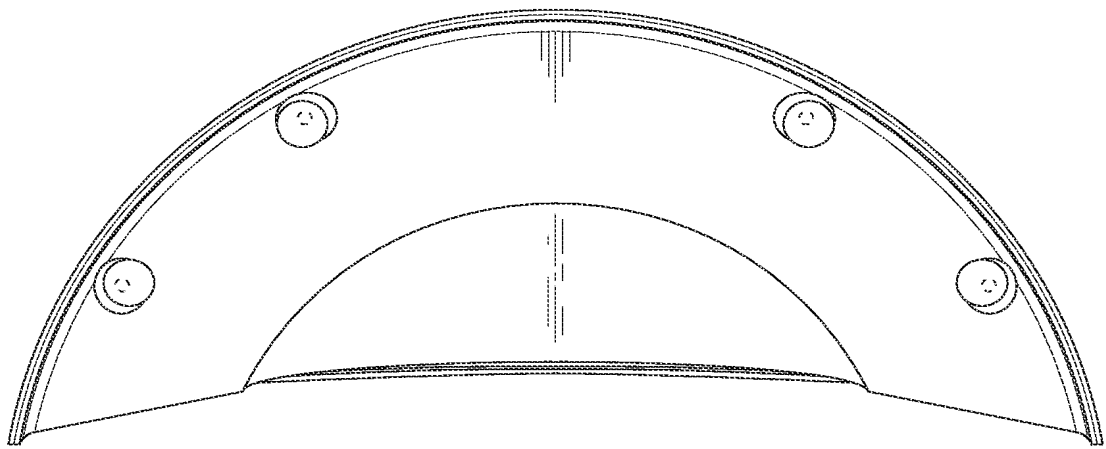


FIG. 3

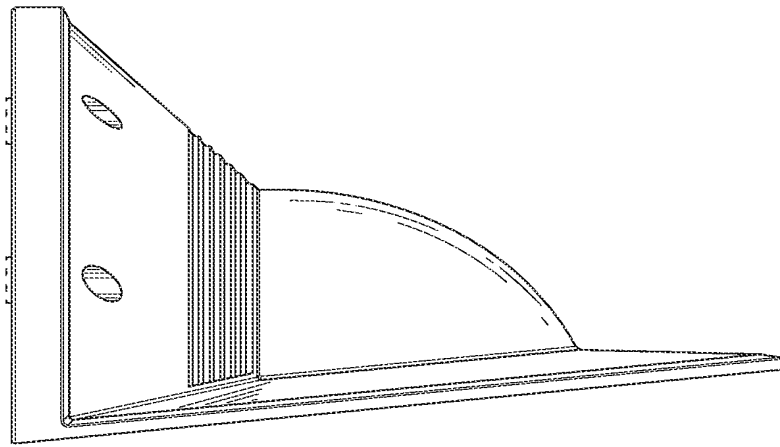


FIG. 4



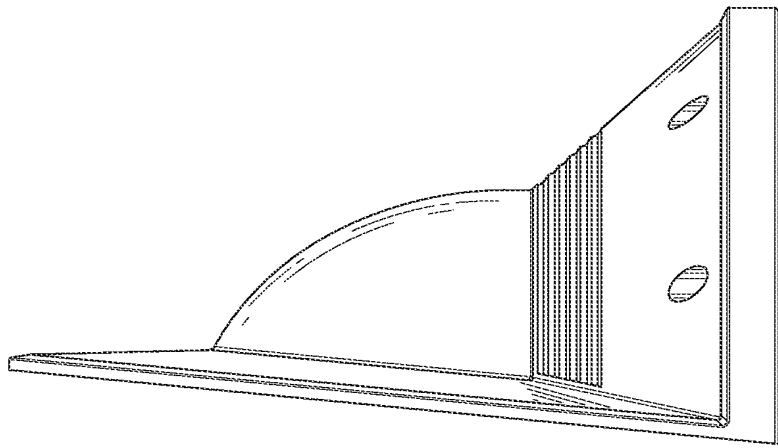


FIG. 5

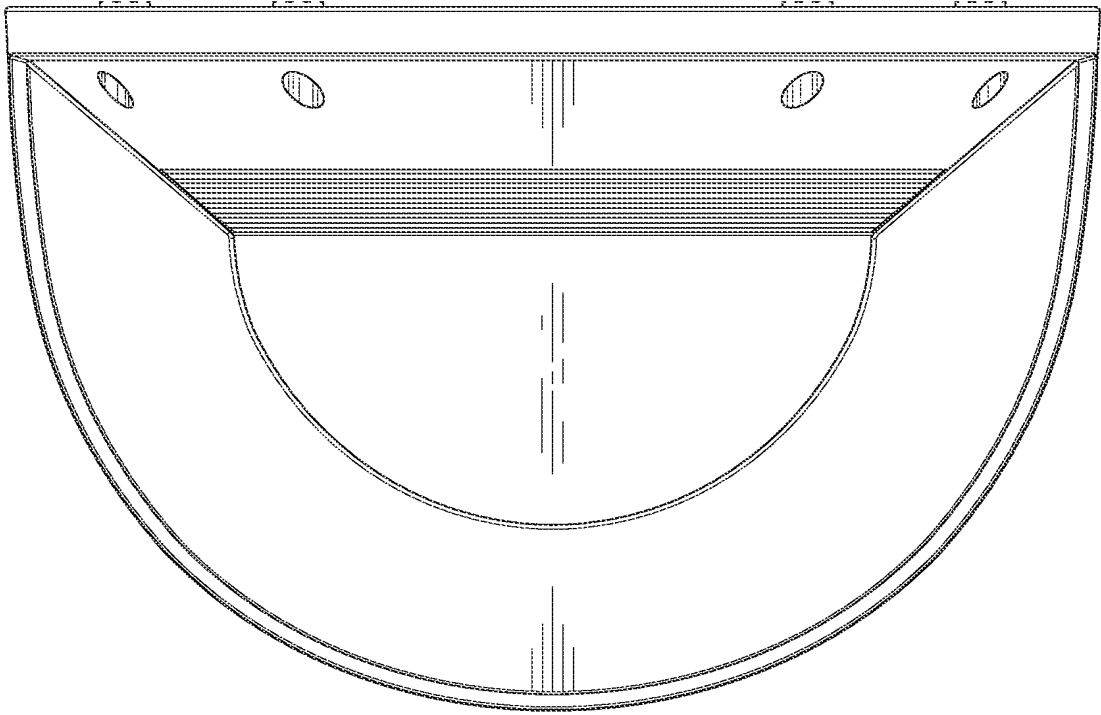


FIG. 6

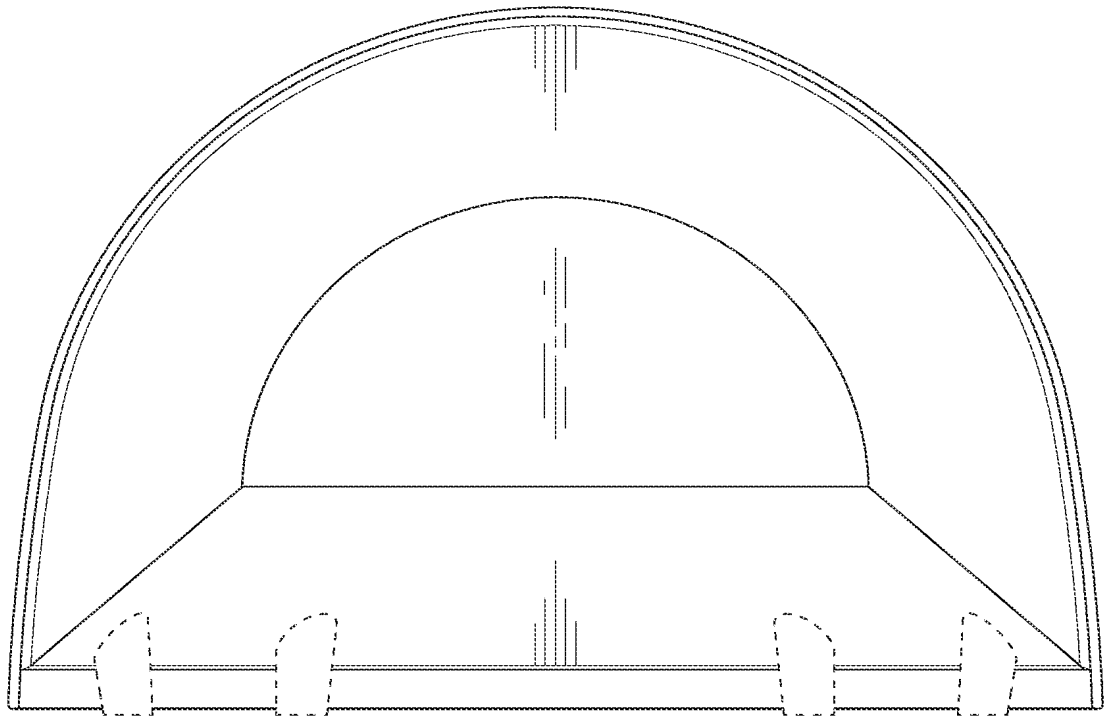


FIG. 7

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q271425

Joo Young SHIN, et al.

Appln. No.: 29/823,846

Group Art Unit: 2914

Confirmation No.: 2422

Examiner: LORYN KORRINE LEBLANC

Filed: January 20, 2022

For: PROTECTIVE COVER FOR CAMERA

**AMENDMENT UNDER 37 C.F.R. § 1.111**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 20, 2023, please amend the above-identified application as follows on the accompanying pages.

**TABLE OF CONTENTS**

AMENDMENTS TO THE SPECIFICATION.....	2
AMENDMENTS TO THE DRAWINGS.....	4
REMARKS .....	5



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
**United States Patent and Trademark Office**  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
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[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/823,846	01/20/2022	Joo Young SHIN	Q271425	2422
23373	7590	09/20/2023		
SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W. SUITE 9000 WASHINGTON, DC 20006			EXAMINER LEBLANC, LORYN KORRINE	
			ART UNIT	PAPER NUMBER
			2914	
			NOTIFICATION DATE	DELIVERY MODE
			09/20/2023	ELECTRONIC

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

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

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

PPROCESSING@SUGHRUE.COM  
USPTO@sughrue.com  
sughrue@sughrue.com

## Office Action Summary

**Application No.**

29/823,846

**Applicant(s)**

SHIN, Joo Young

**Examiner**

Loryn K LeBlanc

**Art Unit**

2914

**AIA (FITF) 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 \_\_\_\_.

☐ 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 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 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](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

**Application Papers**

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

11) ☒ The drawing(s) filed on 20 January 2022 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.

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

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

**Priority under 35 U.S.C. § 119**

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

**Certified copies:**

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

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

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

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

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

**Attachment(s)**

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

3) ☐ Interview Summary (PTO-413)

Paper No(s)/Mail Date \_\_\_\_.

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)

4) ☐ Other: \_\_\_\_.

Paper No(s)/Mail Date \_\_\_\_.

***Notice of Pre-AIA or AIA Status***

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

***Detailed Action***

This application has been carefully examined and is **REJECTED** for the reasons set forth below.

***Incorporation by Reference***

This application incorporates by reference Korean Design Application Number 30-2021-0059966 filed on December 13, 2021. All the material from the Korean Design Application which is essential to the claimed design is included in this application. Amendments of the claim may be based on the content of the incorporated material. However, with or without a specific amendment, it is understood that any material in the Korean Design Application which is not present in this application forms no part of the claimed design.

***Objections to the Drawings***

**Jagged Line Quality**

The drawing disclosure does not meet the requirements of 37 CFR 1.84. The drawings are rough and informal and not acceptable for use on a printed patent. The lines appear rough, sketch-like, and not sharp. All drawings must be made by a process which will give them satisfactory reproduction characteristics. The following issues exist throughout the application:

**(i) Arrangement of views.** One view must not be placed upon another or within the outline of another. All views on the same sheet should stand in the same direction and, if possible, stand so that they can be read with the sheet held in an upright position. If views wider than the width of the sheet are necessary for the clearest illustration of the invention, the sheet may be turned on its side so that the top of the sheet, with the appropriate top margin to be used as the heading space, is on the right-hand side. Words must appear in a horizontal, left-to-right fashion when the page is either upright or turned so that the top becomes the right side, except for graphs utilizing standard scientific convention to denote the axis of abscissas (of X) and the axis of ordinates (of Y).

**(k) Scale.** The scale to which a drawing is made must be large enough to show the mechanism without crowding when the drawing is reduced in size to two-thirds in reproduction. Indications such as "actual size" or "scale 1/2" on the drawings are not permitted since these lose their meaning with reproduction in a different format.

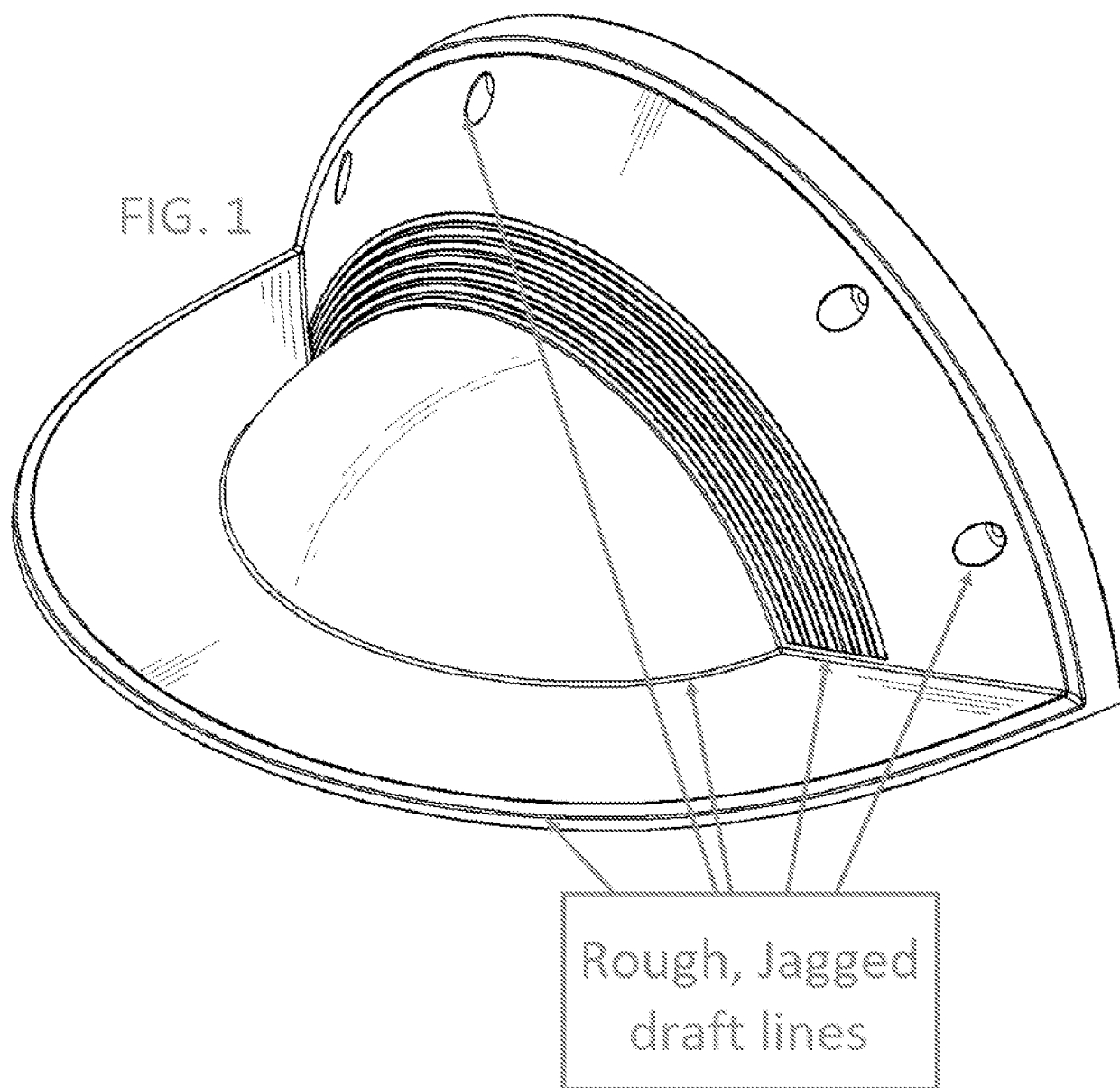
**(l) Character of lines, numbers, and letters.** All drawings must be made by a process which will give them satisfactory reproduction characteristics. Every line, number, and letter must be durable, clean, black (except for color drawings), sufficiently dense and dark, and uniformly thick and well-defined. The weight of all lines and letters must be heavy enough to permit adequate reproduction. This requirement applies to all lines however fine, to shading, and to lines representing cut surfaces in sectional views. Lines and strokes of different thicknesses may be used in the same drawing where different thicknesses have a different meaning.

See (37 CFR § 1.84 and (37 CFR § 1.152).

It is extremely important that very good drawings are provided for a design patent. The drawings must be so well drawn and so complete that nothing in the design is unclear. The requirements for design patent drawings are very specific. They must meet standards that are established by official Patent Rules, 37 CFR § 1.84 and 37 CFR § 1.152.

It is recommended that the applicant amends ALL figures to have a better line quality. It is also recommended that the applicant amends the drawing to increase the size of the drawings on the page so that the figures are shown clearly without the any distortion and crowding of the draft lines. It is important the applicant remembers that these issues are seen throughout ALL figures, and that the figures used below is used as an example to show areas of concern, but aren't limited to just the areas below. See annotated drawing(s) below:



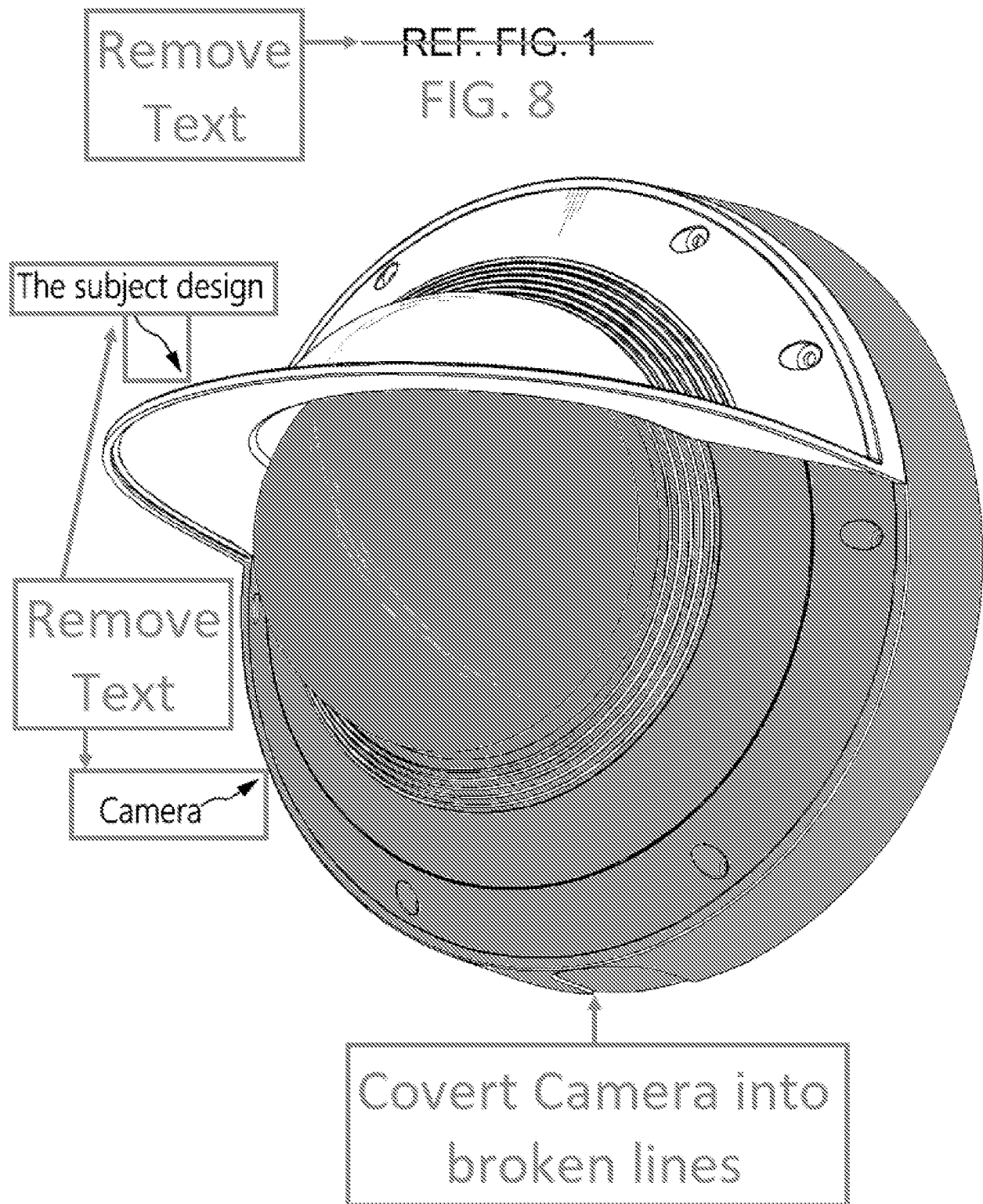


### **Reference Figure**

The drawings appear to have 8 figures, where the 8<sup>th</sup> figure is labeled as REF. FIG. 1, it appears that the applicant intends for this figure to be shown as a reference to what the claim would look like in a state of use, including the environment that the claim interacts with.

If the applicant intends to NOT include the REF. FIG. 1 as part of the claimed design, the applicant should formally cancel this figure from the drawings. If the applicant would like to keep this figure within the files of the claim, it is recommended the applicant submits this REF. FIG. 1 as an appendix.

If the applicant intends to keep this figure within the claim, it is recommended the applicant amends the figure number to removed REF. FIG. 1 and replace it with FIG. 8. In addition to adding the new figure number, the applicant is reminded that the addition of a figure would require a figure description in the specification. Additionally, the extra text seen on the figures should be removed. (See 37 CFR § 1.84 (u) numbering of views.) Lastly, the camera portion should be converted into broken lines representing environment. The applicant is reminded that the conversion of the camera portion into broken lines will necessitate in the addition of a broken line statement in the specification. See annotated drawing(s) below:



***Claim Rejection - Non-Statutory Double Patenting Rejection***

The non-statutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.131(c). A registered attorney or agent of record may sign a terminal disclaimer.

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit <http://www.uspto.gov/forms/>. The filing date of the application will determine what form should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to <http://www.uspto.gov/patents/process/file/efs/guidance/eTD-info-1.jsp>.

The claim is provisionally rejected under the judicially created doctrine of the obviousness-type double patenting of the claim of copending Applications No. 29823500 and 29823548. Although the conflicting claims are not identical, they are not patentably distinct from each other. This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented. The only difference between the immediate claimed design and the copending Applications No. 29823500 and 29823548 is there are duplicated parts. The slight changes of the portions does not change the overall characteristic of the design. Presence of invention is as essential to granting of design patent as to granting of mechanical patent; obvious changes in arrangement and proportioning are no more patentable in one case than in the other. See *In re Stevens* 624 O.G. 366; 81 USPQ 362 (1949). The change or omission or addition of a few minor details would not justify the multiplication of design patents even though the designs may readily be distinguished from each other by one or more features.

Substantial differences are required to render one device patentable over another as a design. The novelty of a design must be judged by the test of ornament, and while the final merit of ornamentation may depend upon the harmonious blending of small details mechanical differences which may make a vast difference in the operativeness of the devices may make no appreciable difference between the devices as designs. See *In re Freeman* 1904 C.D. 619; 109 O.G. 1339 (1904).

It is well settled that it is unobviousness in the overall appearance of the claimed design, when compared with the prior art, rather than minute details or small variations in design as appears to be the case here, that constitutes the test of design patentability. See *In re Frick*, 275 F.2d 741, 125 USPQ 191 (CCPA 1960) and *In re Lamb*, 286 F.2d 610, 128 USPQ 539 (CCPA 1961).

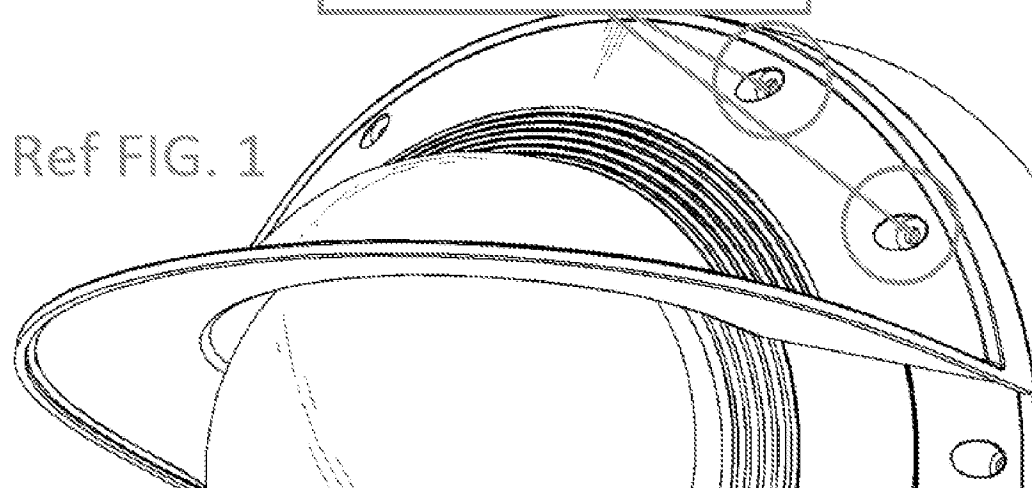
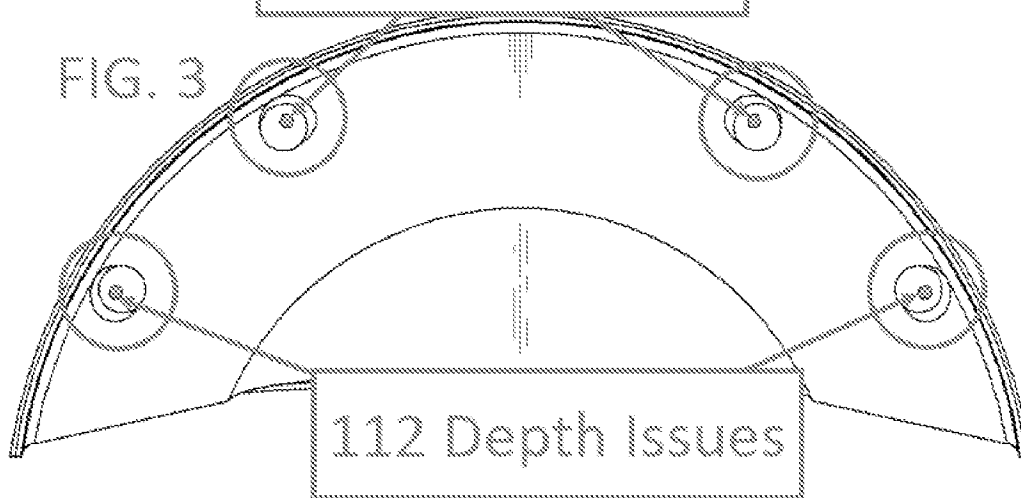
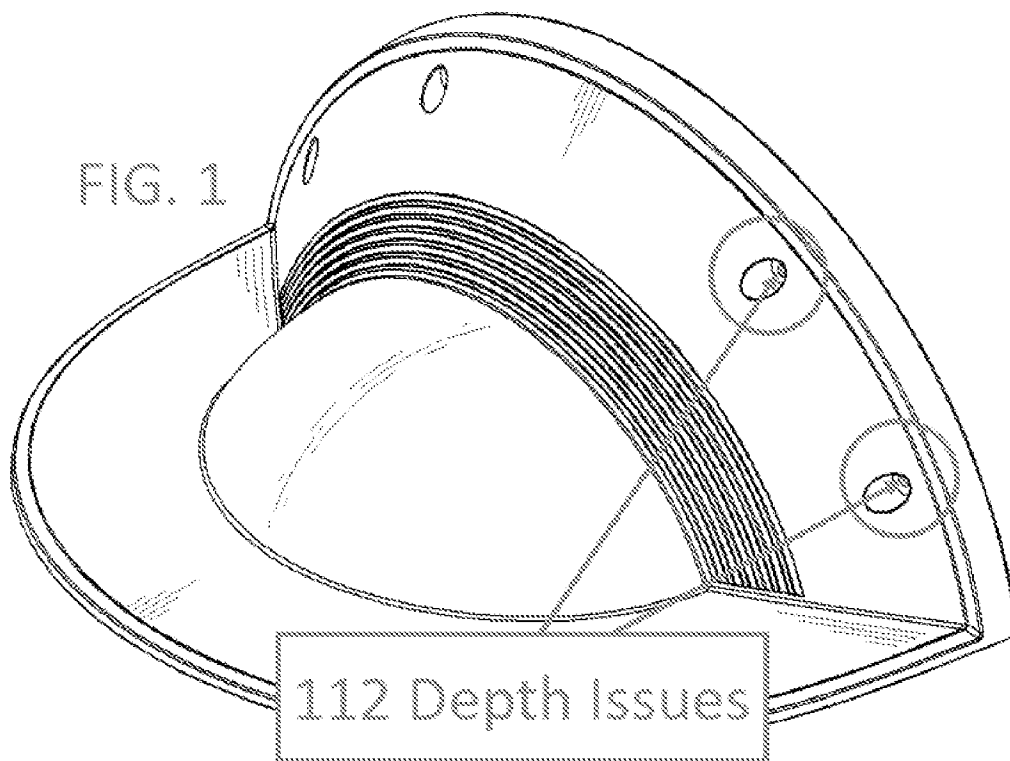
***Rejection Under 35 U.S.C. § 112 (a) and (b)***

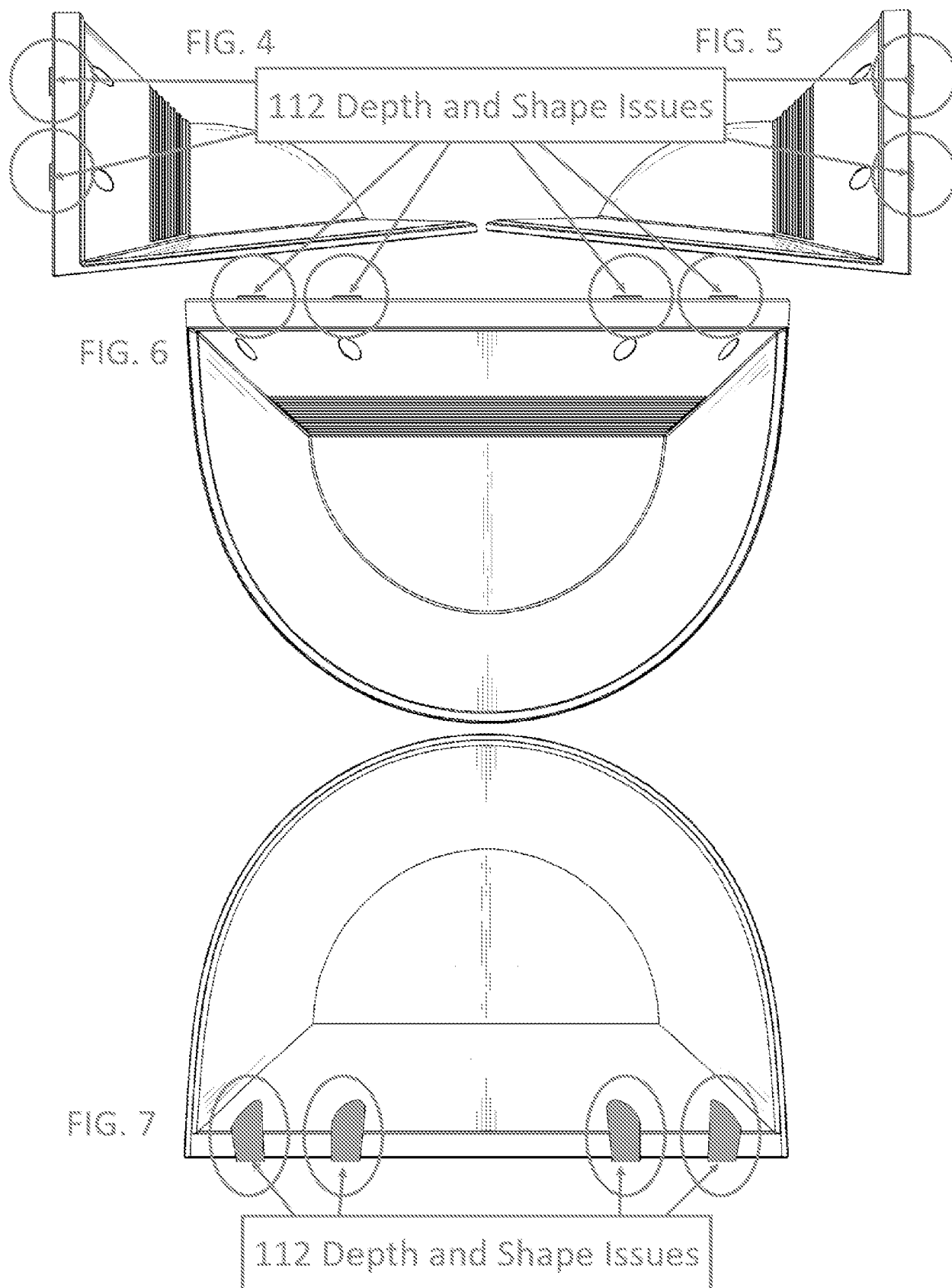
The claim is rejected under 35 U.S.C. 112 (a) and (b), as the claimed invention is not described in such full, clear, concise and exact terms as to enable any person skilled in the art to make and use the same, and fails to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claim is indefinite and nonenabling for the following reason(s):

**Unknown Depths**

The true appearance of the claim cannot be clearly determined. Specifically, there are circle features where depths are unknown and cannot be determined due to the lack of shading and lack of views. Specifically, in FIG. 1, FIG. 2, FIG. 3 and Ref FIG. 1 the interior depth of the highlighted portions are unknown and cannot be determined. Additionally, there are areas in FIG. 4, FIG. 5, FIG. 6 and FIG. 7 that are not seen throughout the drawings, due to the lack of views and shading of these areas, the examiner cannot determine the true shape and depth of these features. The examiner is not sure if these areas are flush, open areas, partially indented, or full indented. The overall shape/configuration of the design cannot be understood without resorting to conjecture. See annotated drawing(s) below:





To overcome this rejection, it is suggested that applicant disclaim the portions / elements / features that are considered non-enabled and indefinite by converting them to broken lines, thus removing them from the claim. Specifically, it is suggested the applicant disclaims the interior most portions of ALL the areas of concern shown above. It is **not** recommended that the applicant adds shade lines, because this would add new matter.

Since the drawing disclosure constitutes the entire visual disclosure of the claim, it is imperative that the drawings be clear and complete, and that nothing regarding the design sought to be patented is left to conjecture. See MPEP § 1503.02.

Accordingly, the overall shape, appearance and configuration of the invention cannot be understood. Therefore, the claim fails to particularly point out and distinctly claim the subject matter applicant regards as the invention. Such ambiguities in the disclosure fail to enable a designer of ordinary skill in the art to reproduce the shape and appearance of the claimed design without resorting to conjecture.

**The applicant is also reminded that use of broken lines may necessitate the addition of a feature statement (broken line statement) located in the specification.**

Any amendment to the claim must meet the written disclosure requirement of 35 U.S.C. § 112(a). That is, it must be apparent that applicant was in possession of the amended design at the time of filing. This pertains to the addition or removal of parts of the design, as well as the conversion of solid lines to broken lines and vice versa. See 35 USC § 132 and 37 CFR 1.121(f) for new matter.

#### ***New Drawing Submission***

Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.”

Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as “Replacement Sheet” pursuant to 37 CFR 1.121(d). Additional replacement sheets may be necessary to show the renumbering of the remaining figures. If a drawing figure is to be canceled, the



appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency.

Any change to the drawing or specification must have support from the original disclosure. The amended drawings must not contain new matter. (See 35 USC 132 and 37 CFR 1.121) Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. If applicants' response to the requirements set forth above is incomplete or includes new matter, the examiner may hold the response non-compliant. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action.

When preparing new drawings in compliance with the requirement therefor, care must be exercised to avoid introduction of anything which could be construed to be new matter prohibited by 35 U.S.C. 132 and 37 CFR 1.121. The examiner recommends using a lossless file format when submitting drawings through EFS-web (e.g., TIFF, PNG, GIF, BMP). EFS-web PDF Guidelines may be found at <https://www.uspto.gov/patents-application-process/applying-online/efs-web-pdf-guidelines>.

### ***Conclusion***

The claim stands rejected under Non-Statutory Double Patenting Rejection and under 35 U.S.C. § 112 (a) and (b) for the reasons set forth above. The references cited but not applied are considered cumulative art related to the subject matter of the claimed design.

### ***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Loryn K LeBlanc whose telephone number is (571)272-9160. The examiner can normally be reached Monday-Friday 9AM-5PM EST.

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 Primary Examiner, Bao-Yen T. Nguyen can be reached on (571)-270-0217. The Examiner's Supervisor, Amy C. Wierenga can be reached on (571) 270-0216. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/L.K.L./  
Examiner, Art Unit 2914

/BAO-YEN T NGUYEN/  
Primary Examiner, Art Unit 2919

# APPLICATION FOR DESIGN PATENT

## SPECIFICATION

This application claims priority from Korean Design Application 30-2021-0059966, filed on December 13, 2021, the entire disclosure of which is incorporated herein by reference.

BE IT KNOWN THAT I, SHIN, Joo Young, have invented a new, original and ornamental design for

### PROTECTIVE COVER FOR CAMERA

of which the following is a specification, reference being made to the accompanying drawings, forming a part thereof in which:

FIG. 1 is a perspective view of a protective cover for camera, showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof; and

FIG. 7 is a bottom view thereof.

FIG. 1

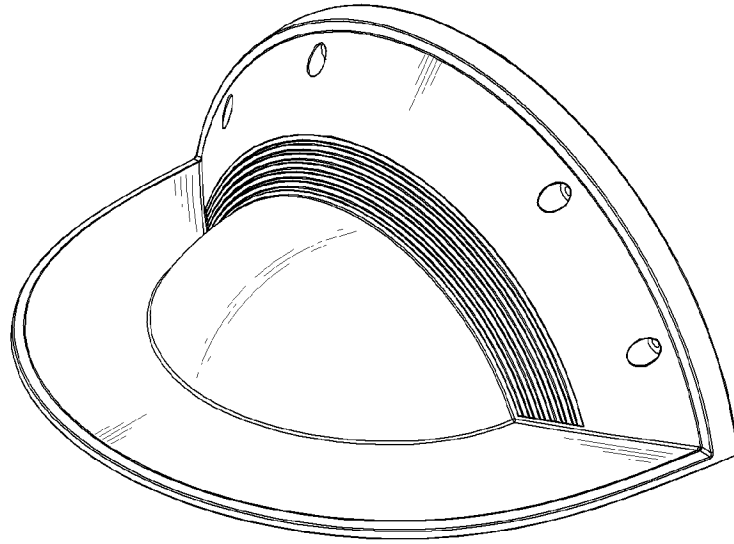


FIG. 2

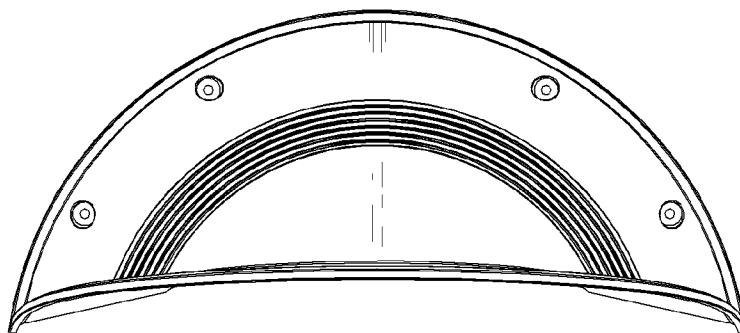


FIG. 3

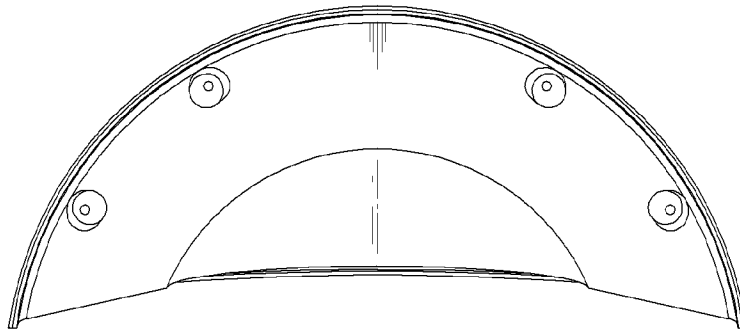


FIG. 4

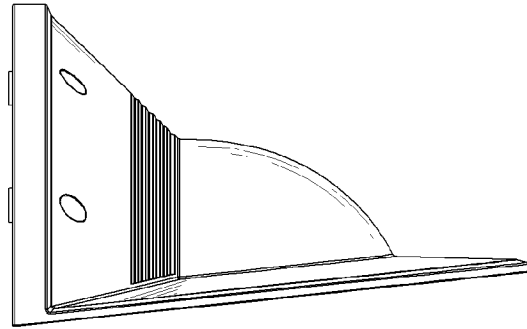


FIG. 5

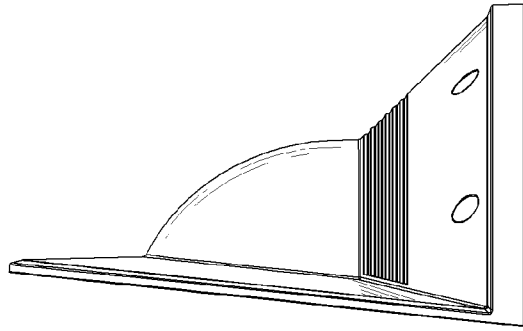




FIG. 6

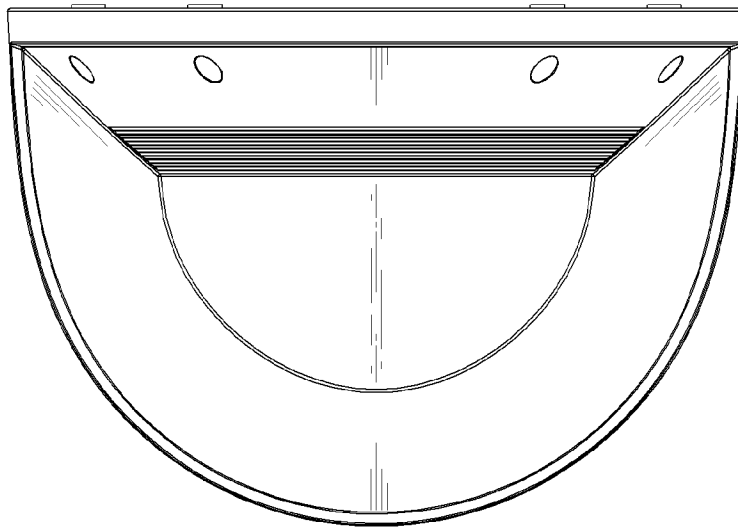
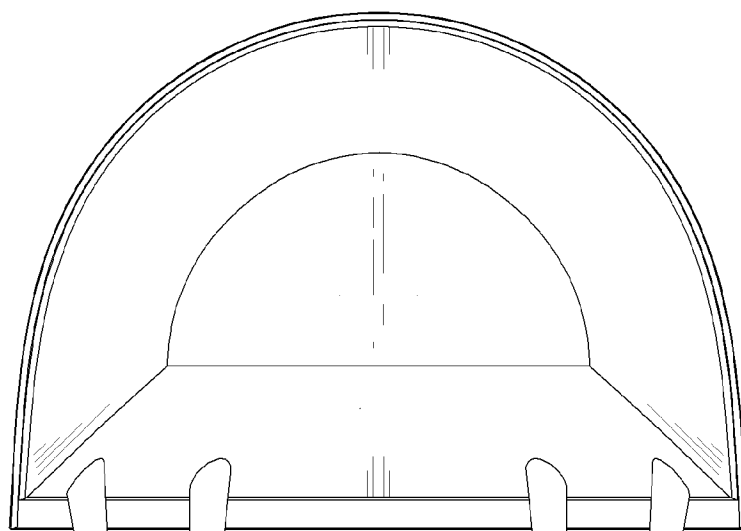


FIG. 7



I Claim:

The ornamental design for a protective cover for camera as shown and described.