US00D834574S

(12) **United States Design Patent** (10) **Patent No.: US D834,574 S**
Hayami (45) **Date of Patent: ** Nov. 27, 2018**

(54) **IMAGE AND SOUND TRANSMITTER-RECEIVER WITH WIRELESS CAMERA**

(71) Applicant: **Keizo Hayami**, Kanagawa (JP)

(72) Inventor: **Keizo Hayami**, Kanagawa (JP)

(**) Term: **15 Years**

(21) Appl. No.: **29/538,210**

(22) Filed: **Sep. 1, 2015**

(30) **Foreign Application Priority Data**

Mar. 2, 2015 (JP) 2015-4530

(51) **LOC (11) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/372**

(58) **Field of Classification Search**
USPC D14/372, 496, 432, 371, 125, 126, 129, D14/299; D16/300–342; 351/158, 153,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D792,398 S * 7/2017 Costa D14/372
D795,866 S * 8/2017 Porter D14/372
(Continued)

Primary Examiner — Austin Murphy
(74) *Attorney, Agent, or Firm* — Amin, Turocy & Watson, LLP

(57) **CLAIM**

The ornamental design for an image and sound transmitter-receiver with wireless camera, as shown and described.

DESCRIPTION

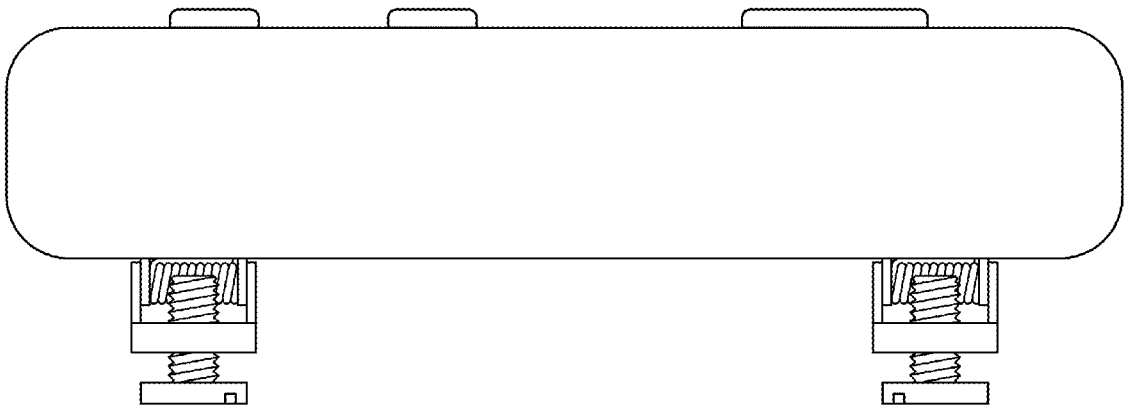
FIG. **1** is a bottom view of the image and sound transmitter-receiver with wireless camera

FIG. **2** is a front elevational view thereof;
FIG. **3** is a left side view thereof;
FIG. **4** is a right side view thereof;
FIG. **5** is a plan view thereof;
FIG. **6** is a rear side view thereof;
FIG. **7** is a perspective view showing the image and sound transmitter-receiver with wireless camera in a position of use;
FIG. **8** is a side view of FIG. **7**; and,
FIG. **9** is a side view showing the image and sound transmitter-receiver with wireless camera in an alternate position of use.

The broken lines shown in the drawings are intended to depict stitching.

The text labels included in FIGS. **7-9** and dashed lines in the drawings, if any, are shown for environmental purposes and form no part of the claimed design. It is also noted with respect to the similar embodiments of FIGS. **8-9** that multiple embodiments of a single concept may be filed in one design application, so long as their appearance and shape are similar, as is the case in this application.

This article of the design is the image and sound transmitter-receiver with wireless camera. The article is attached to a frame of the glasses. The article can send the image signal of an image taken from the camera lens by a radio wave, can receive the data signal from outside by a radio wave, and can output sound. The rectangular parallelepiped-like body is made with the light-weight material (e.g., a plastic), and the process device to process the transmitting signal and the received signal is provided in the body. A liquid crystal screen, two operational buttons and one power supply ON/OFF button are installed in front of the body. Two board-like attachment parts are installed in the back of the body. An extending ditch is formed in the back of the body, and a sound output part is provided on the back of the body. The attachment parts are attached to rotate relative to the body by a hinge part. The attachment parts can go back in the original location by a spring biasing the hinge part. When the width of the frame of the glasses is thin, it is fixed to this article to put the frame in the ditch formed in the back of the body and clamp the screw part on the one-sided side of two attachment parts. When the width of the frame of the glasses is wide or this article is attached to another wide and thick member, it is fixed to this article to clamp both screw parts
(Continued)



in two attachment parts and fix by the biasing power of the spring. It is possible that the user can attach the glasses in a state in which this article is attached on the glasses because a frame of the glasses can be adjusted so that the degree in the crosswise direction may spread.

1 Claim, 9 Drawing Sheets

(58) **Field of Classification Search**
USPC 351/144; 345/7–9, 905; 455/344; 348/115, 53, 121, 739
CPC G02B 27/017; G02B 27/0158; G02B 27/0161; G02B 27/0181; G02B 27/0185; G02B 27/0189
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D799,480	S	*	10/2017	Flanders	D14/372
D800,118	S	*	10/2017	Xing	D14/372
D805,072	S	*	12/2017	Seki	D14/372
D807,882	S	*	1/2018	Gribetz	D14/372
D811,394	S	*	2/2018	Tabata	D14/372
D812,613	S	*	3/2018	Cafferty	D14/372
D815,638	S	*	4/2018	Edwards	D14/372

* cited by examiner

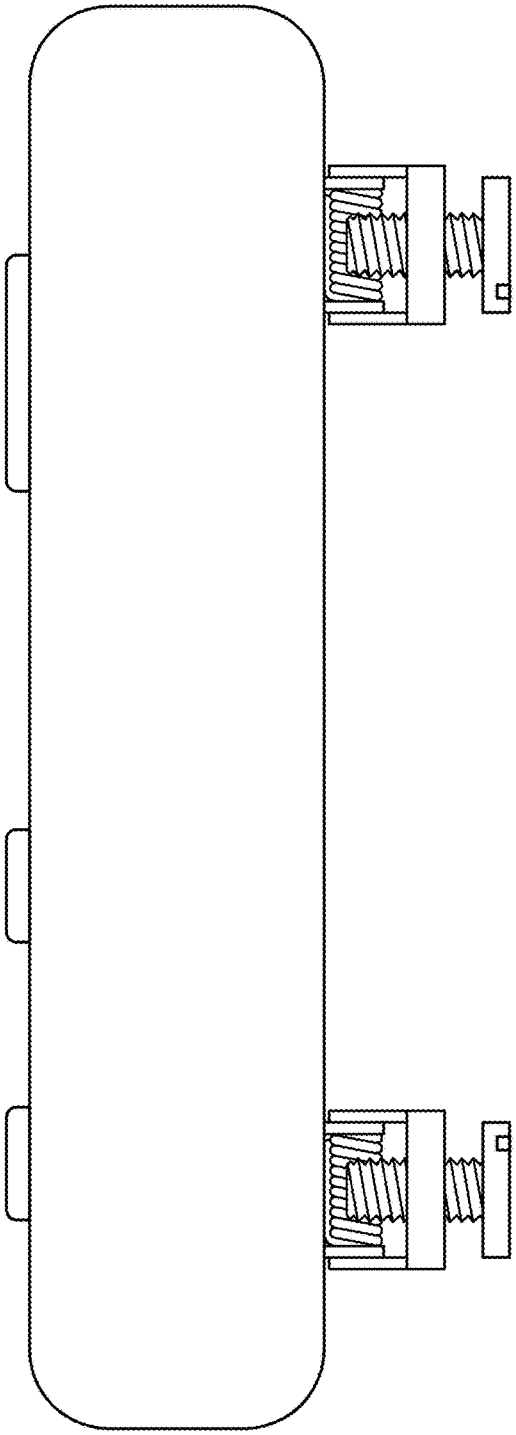


Fig. 1

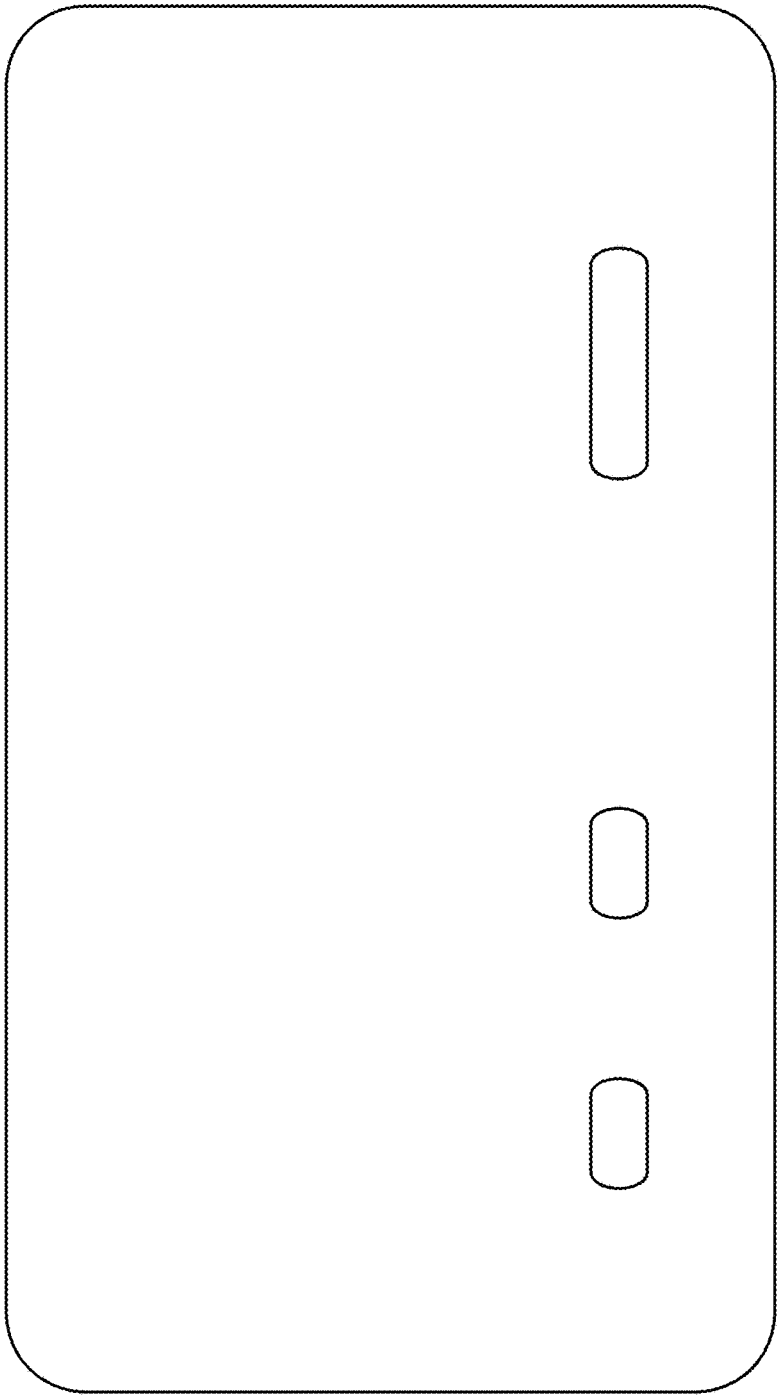


Fig. 2

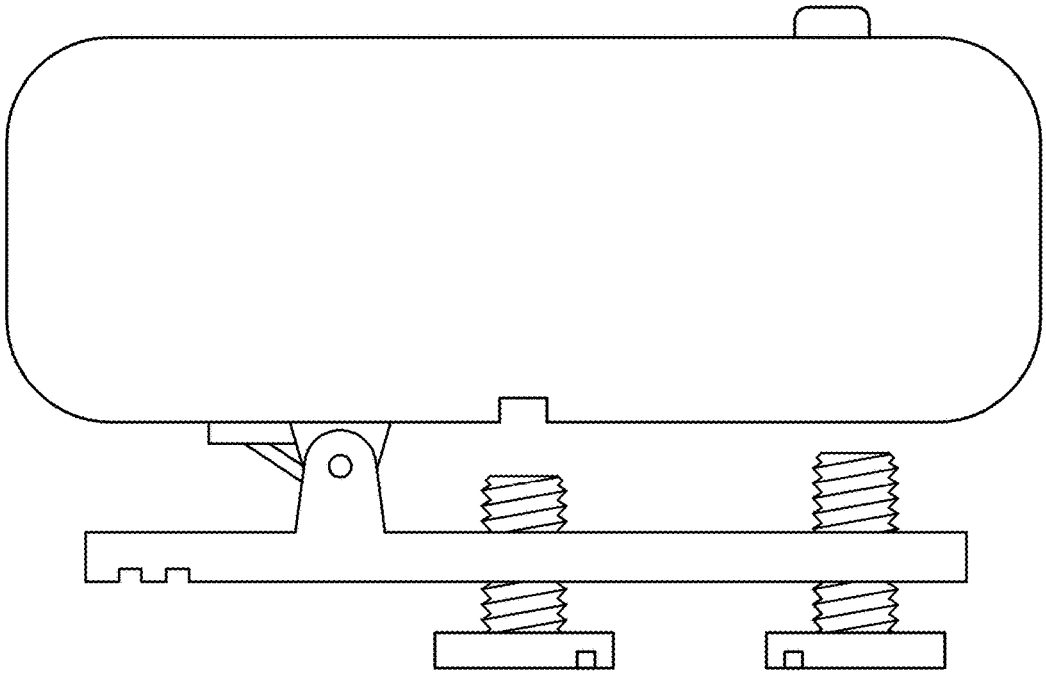


Fig. 3

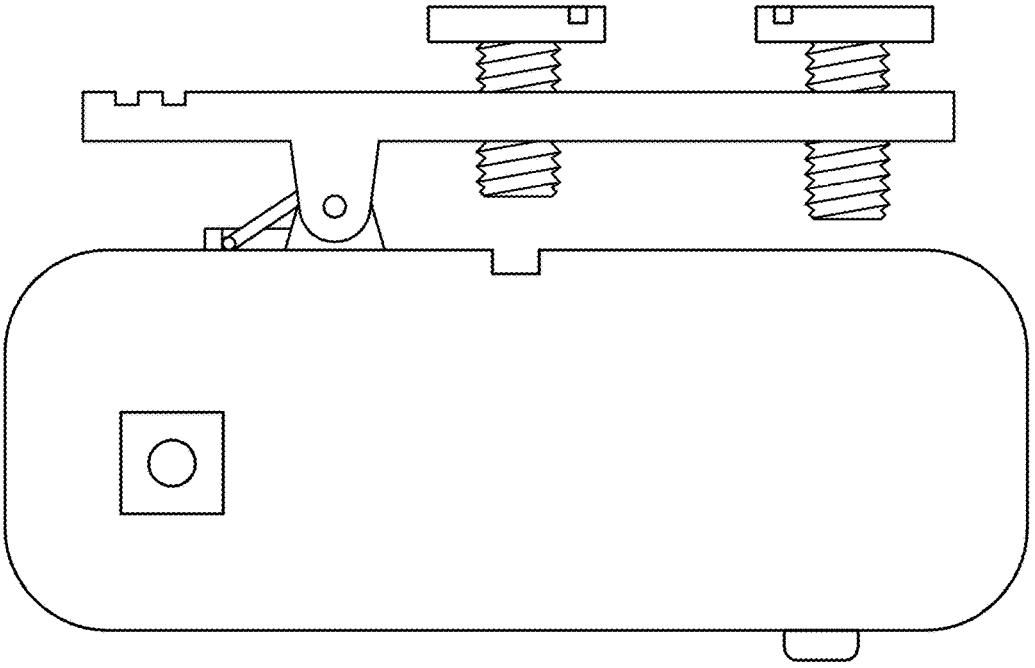


Fig. 4

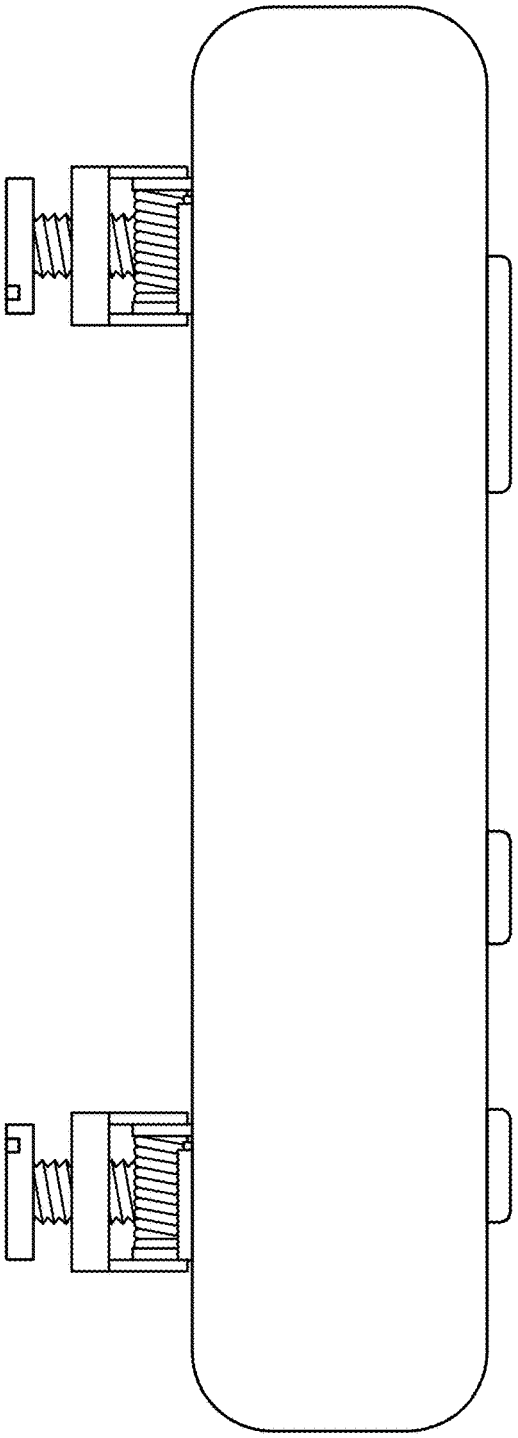


Fig. 5

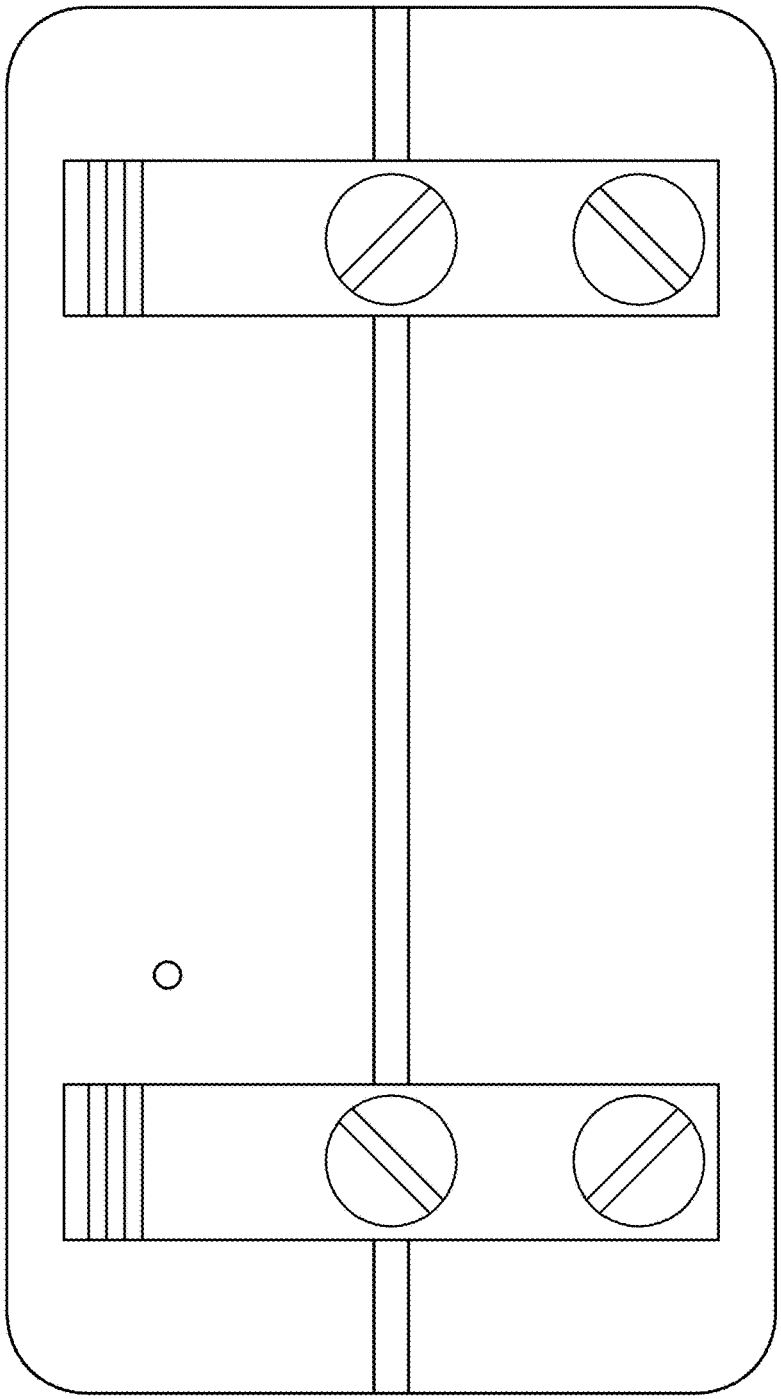


Fig. 6

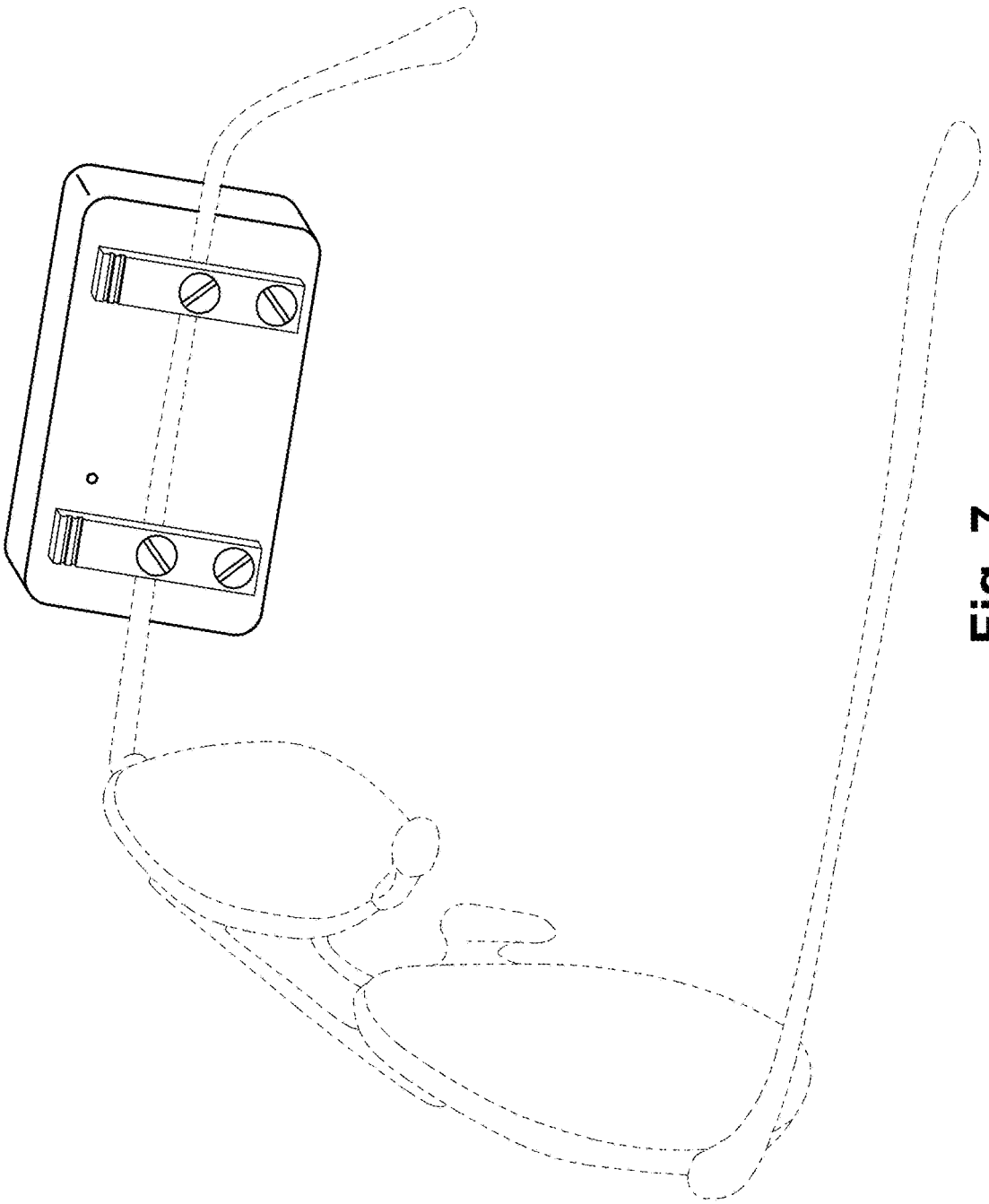


Fig. 7

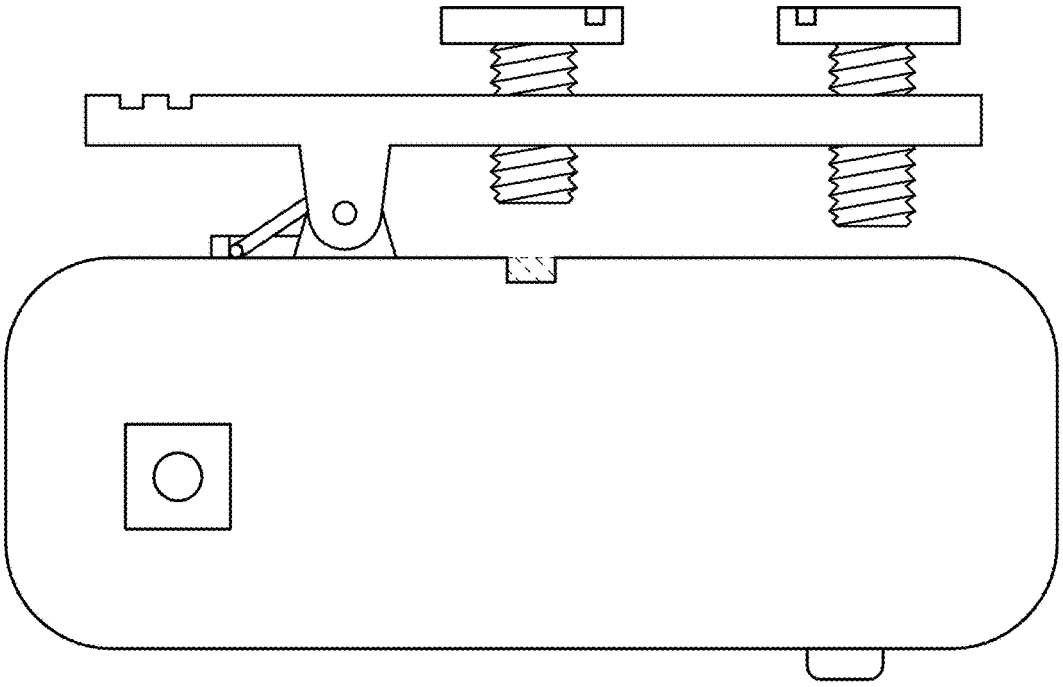


Fig. 8

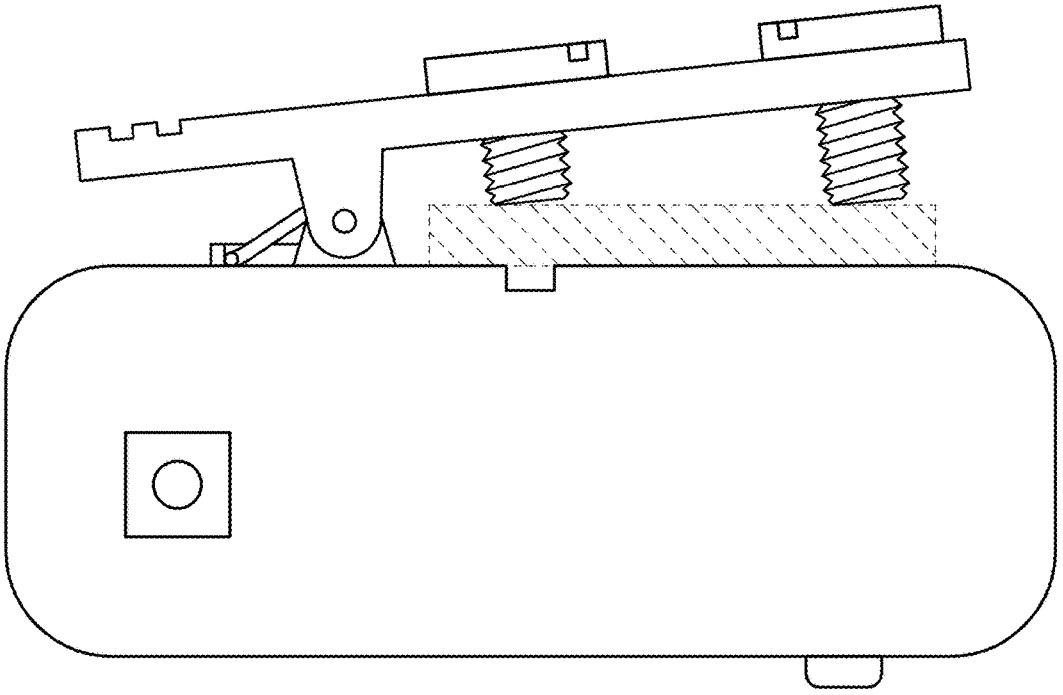


Fig. 9