



US0D1089161S

(12) **United States Design Patent**  
**Liu**

(10) **Patent No.:** **US D1,089,161 S**

(45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **WIRELESS MICROPHONE**

(71) Applicant: **Jianzhi Liu, Jiangxi (CN)**

(72) Inventor: **Jianzhi Liu, Jiangxi (CN)**

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

(21) Appl. No.: **29/948,060**

(22) Filed: **Jun. 19, 2024**

(51) **LOC (15) Cl.** ..... **14-01**

(52) **U.S. Cl.**  
USPC ..... **D14/225; D14/226**

(58) **Field of Classification Search**  
USPC ..... D14/225, 226, 228, 217, 188, 192, 496,  
D14/203.2, 358, 137-168; 24/3.12;  
381/394; D13/137.1, 168  
CPC . H04R 25/00; H04R 1/08; H04R 9/08; H04R  
3/00; H04R 1/02; H04R 19/04; H05K  
5/00; G06F 1/16  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,070,748 A \* 12/1962 Worobey ..... H04B 1/086  
307/64  
D243,861 S \* 3/1977 Akazawa ..... D14/137  
D278,905 S \* 5/1985 Scheid ..... D14/191  
D376,146 S \* 12/1996 Totsch ..... D16/237  
5,748,454 A \* 5/1998 Nichols ..... H01M 50/256  
24/3.12  
D439,243 S \* 3/2001 Miyazaki ..... D14/137  
D441,744 S \* 5/2001 Miyazaki ..... D14/137  
D609,701 S \* 2/2010 Hou ..... D14/240  
D656,924 S \* 4/2012 Mehlsen ..... D14/226  
D678,531 S \* 3/2013 Patil ..... D24/186  
D702,732 S \* 4/2014 Wu ..... D14/496  
D716,274 S \* 10/2014 Henning ..... D14/223  
D850,627 S \* 6/2019 Purani ..... D10/70  
D864,145 S \* 10/2019 Zhang ..... D14/433

D873,232 S \* 1/2020 Zeng ..... D14/155  
D894,161 S \* 8/2020 Ye ..... D14/225  
D916,678 S \* 4/2021 Du ..... D14/155  
D917,431 S \* 4/2021 Gao ..... D14/225  
D925,503 S \* 7/2021 Wang ..... D14/228  
D925,504 S \* 7/2021 Wang ..... D14/228  
D934,206 S \* 10/2021 Liu ..... D14/225  
D942,408 S \* 2/2022 Dharmadas ..... D14/188  
D942,962 S \* 2/2022 Dharmadas ..... D14/188  
D945,392 S \* 3/2022 Jia ..... D14/155  
D953,304 S \* 5/2022 Huang ..... D14/225  
D953,305 S \* 5/2022 Zhang ..... D14/188  
D953,306 S \* 5/2022 Zhang ..... D14/188  
D971,186 S \* 11/2022 Deng ..... D14/225

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 308546455 \* 3/2024  
CN 308747103 \* 7/2024

(Continued)

*Primary Examiner* — Paula Allen Greene

(57)

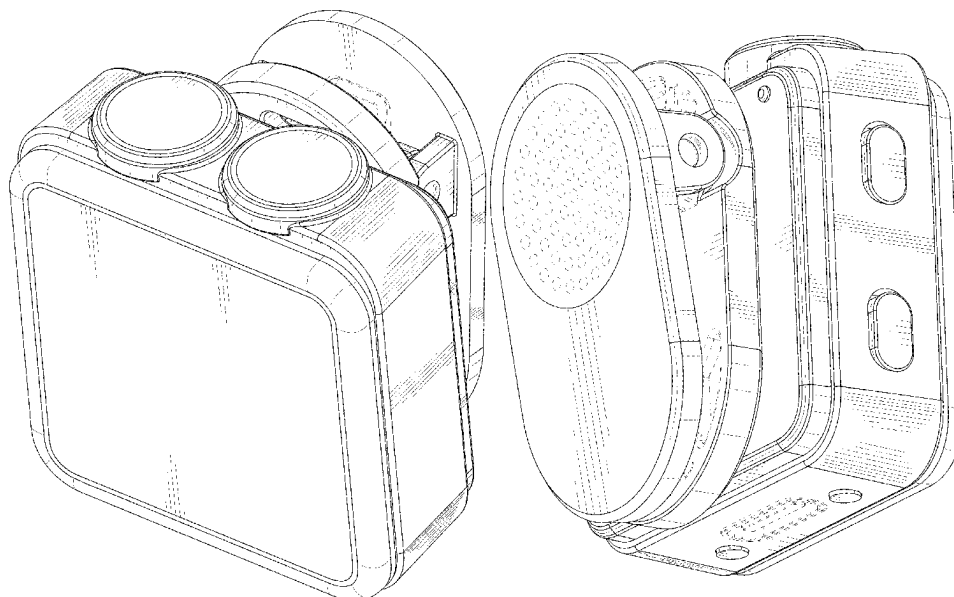
**CLAIM**

The ornamental design for a wireless microphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a wireless microphone showing 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 view thereof.  
FIG. 7 is a bottom view thereof; and,  
FIG. 8 is a rear, left, bottom perspective view thereof.  
The broken lines in the drawings depict portions of the wireless microphone that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

|              |    |   |         |           |       |             |
|--------------|----|---|---------|-----------|-------|-------------|
| D971,188     | S  | * | 11/2022 | Deng      | ..... | D14/225     |
| D999,759     | S  | * | 9/2023  | Deng      | ..... | D14/225     |
| D1,030,722   | S  | * | 6/2024  | Zhao      | ..... | D14/225     |
| D1,031,688   | S  | * | 6/2024  | Mai       | ..... | D14/188     |
| D1,038,088   | S  | * | 8/2024  | Miller    | ..... | D14/225     |
| D1,046,827   | S  | * | 10/2024 | McKendry  | ..... | D14/225     |
| D1,050,087   | S  | * | 11/2024 | Taanila   | ..... | D14/225     |
| D1,056,881   | S  | * | 1/2025  | Zhao      | ..... | D14/225     |
| D1,061,484   | S  | * | 2/2025  | Shi       | ..... | D14/225     |
| D1,066,305   | S  | * | 3/2025  | Zeng      | ..... | D14/225     |
| 2022/0295179 | A1 | * | 9/2022  | Yoshimoto | ..... | H04R 29/005 |

## FOREIGN PATENT DOCUMENTS

|    |           |   |         |
|----|-----------|---|---------|
| CN | 309070973 | * | 1/2025  |
| CN | 309187954 | * | 3/2025  |
| GB | 6412145   | * | 12/2024 |

\* cited by examiner

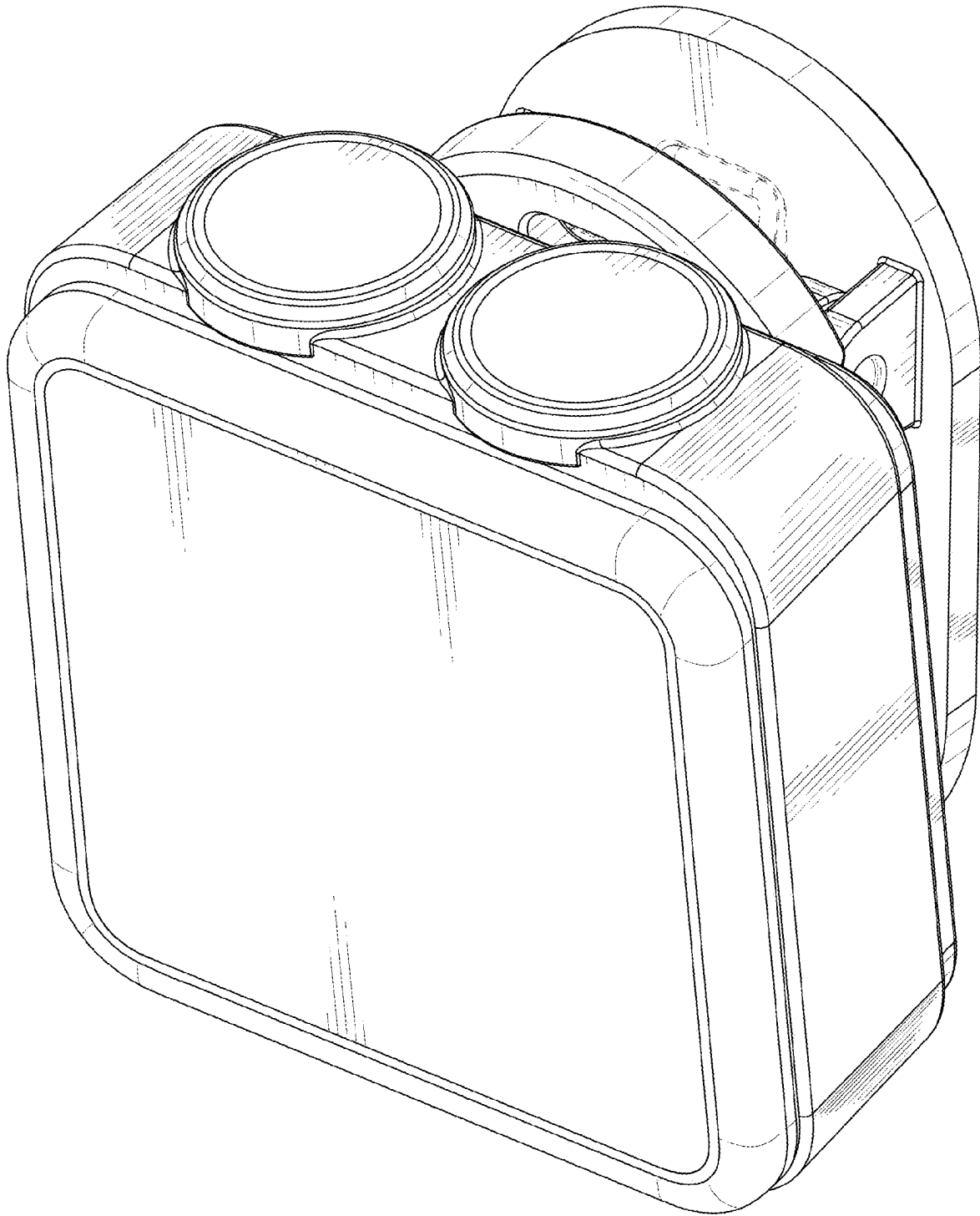


FIG. 1

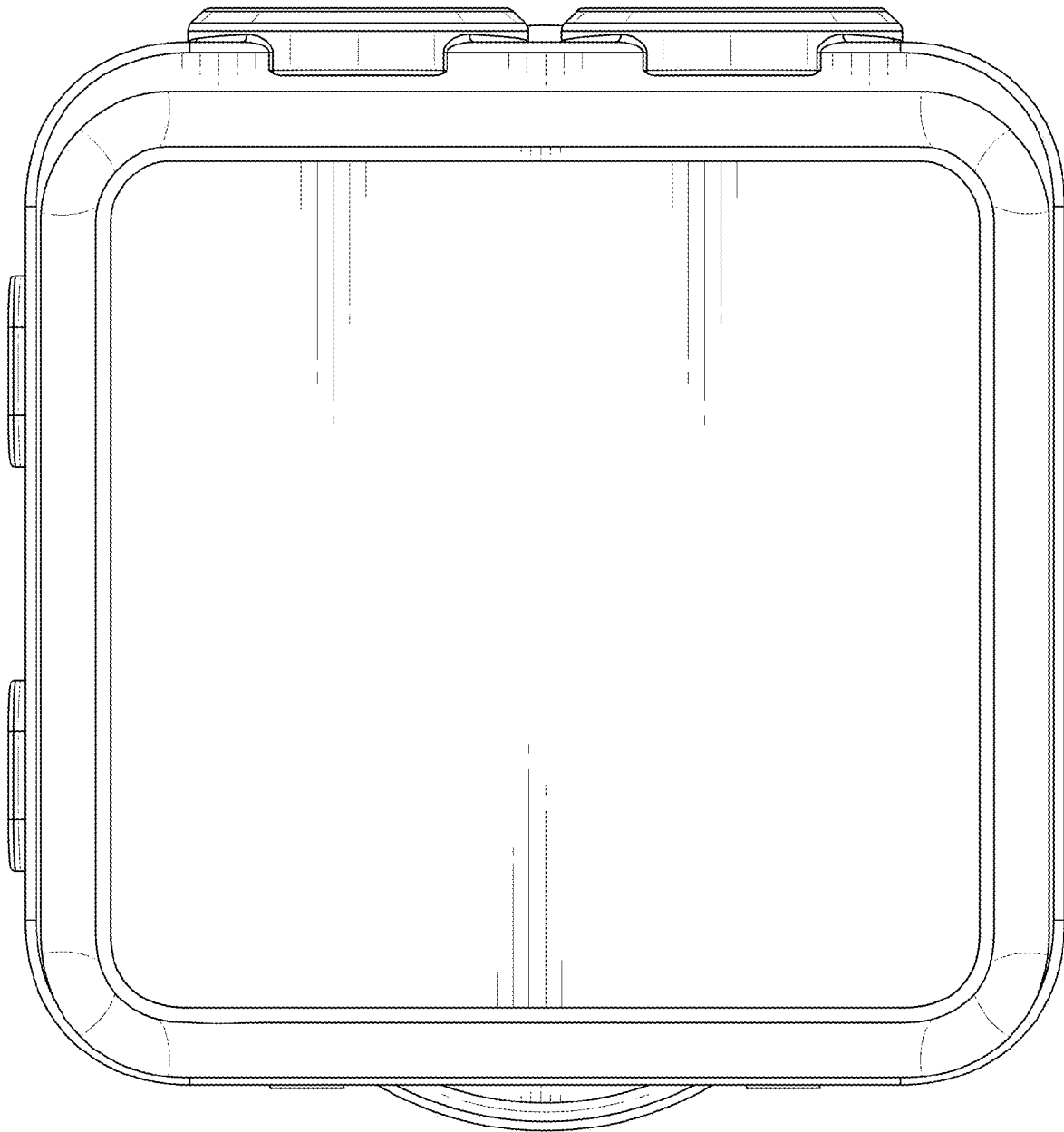


FIG. 2

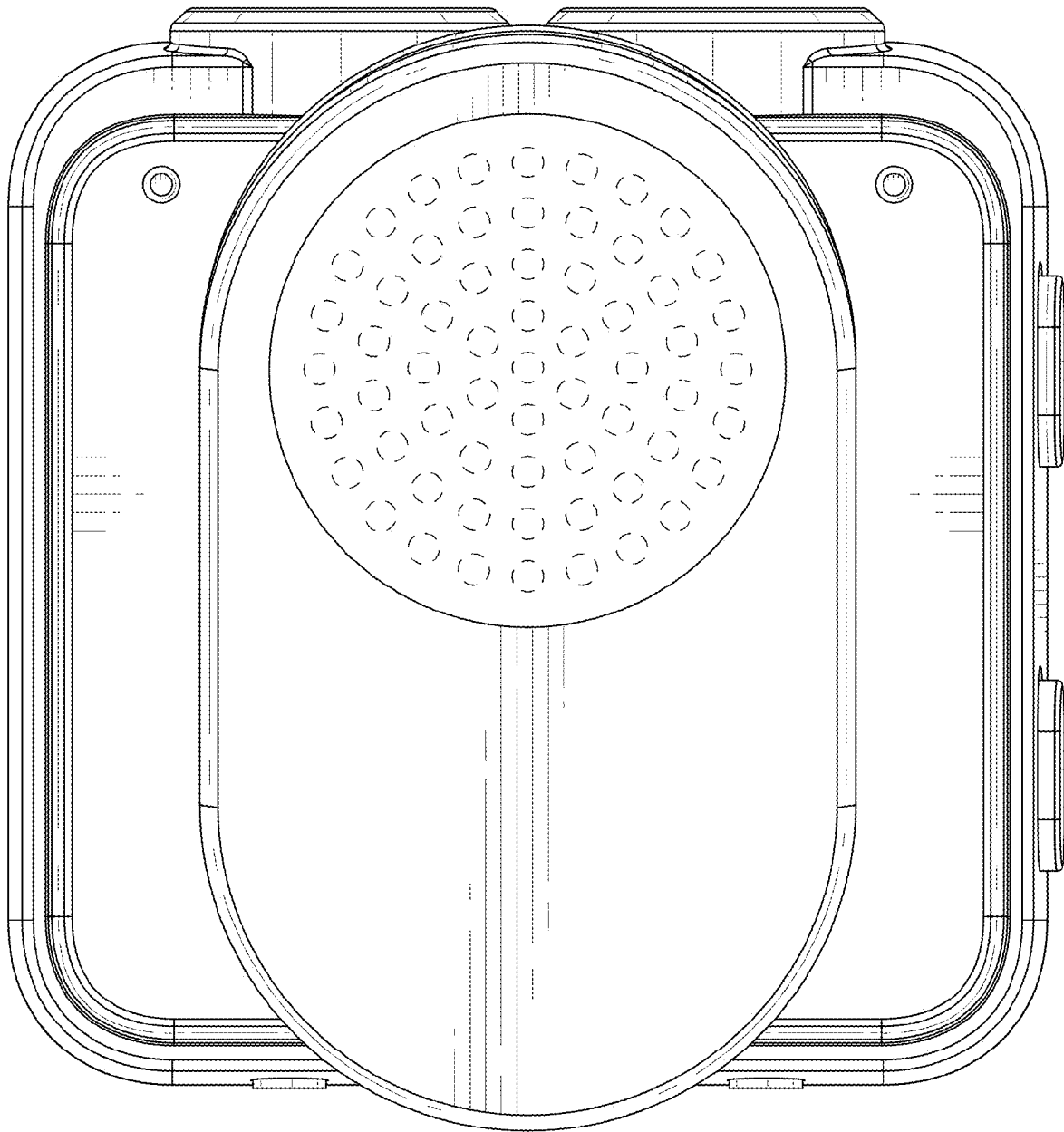


FIG. 3

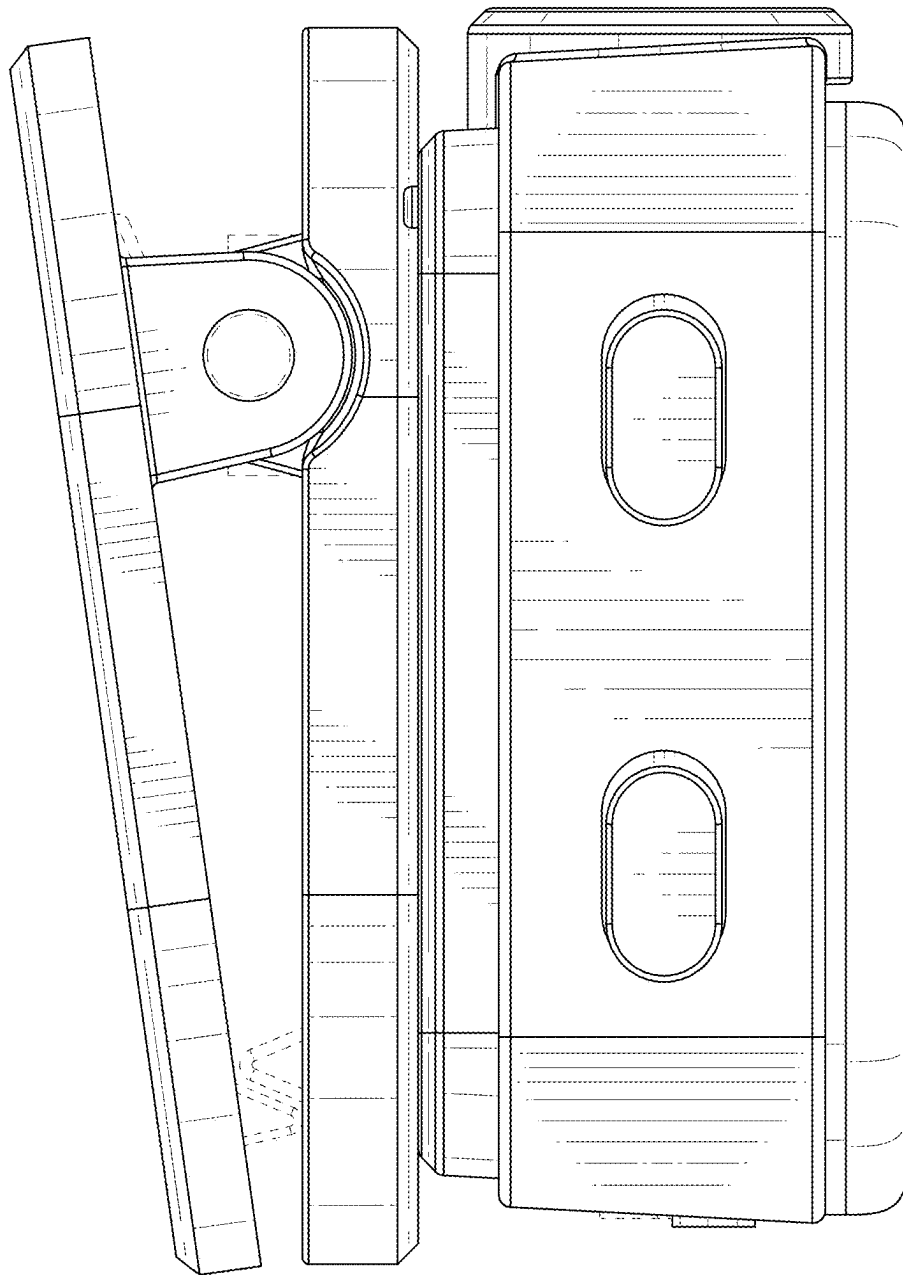


FIG. 4

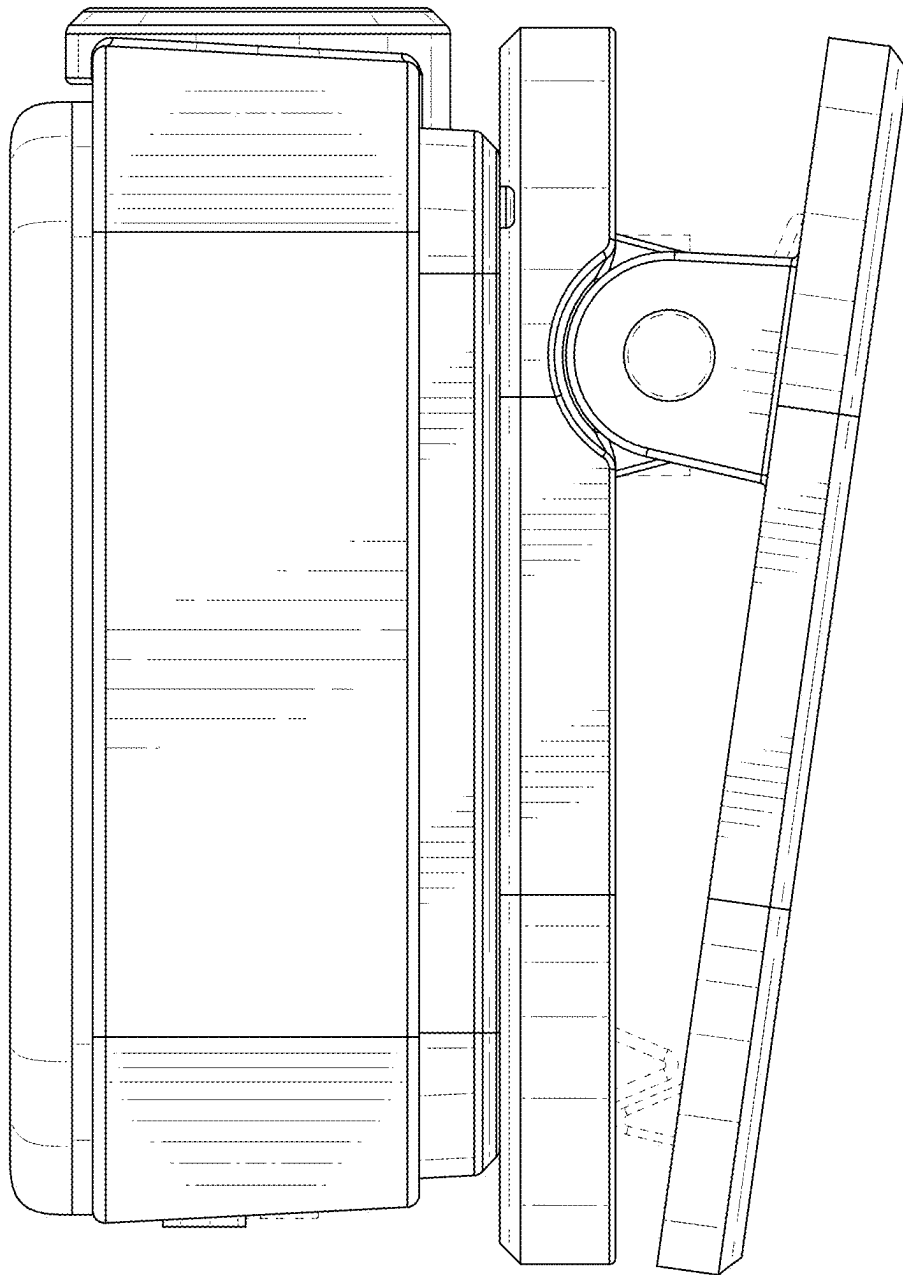


FIG. 5

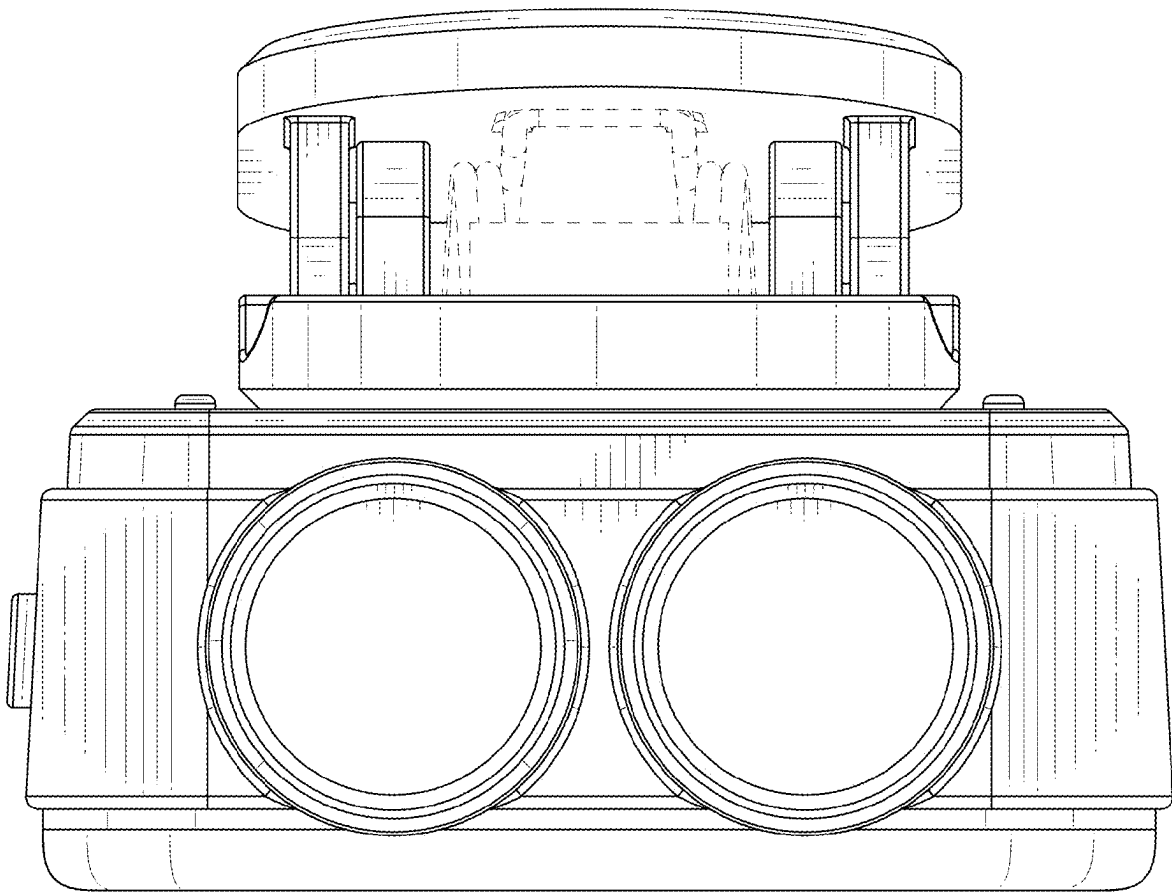


FIG. 6



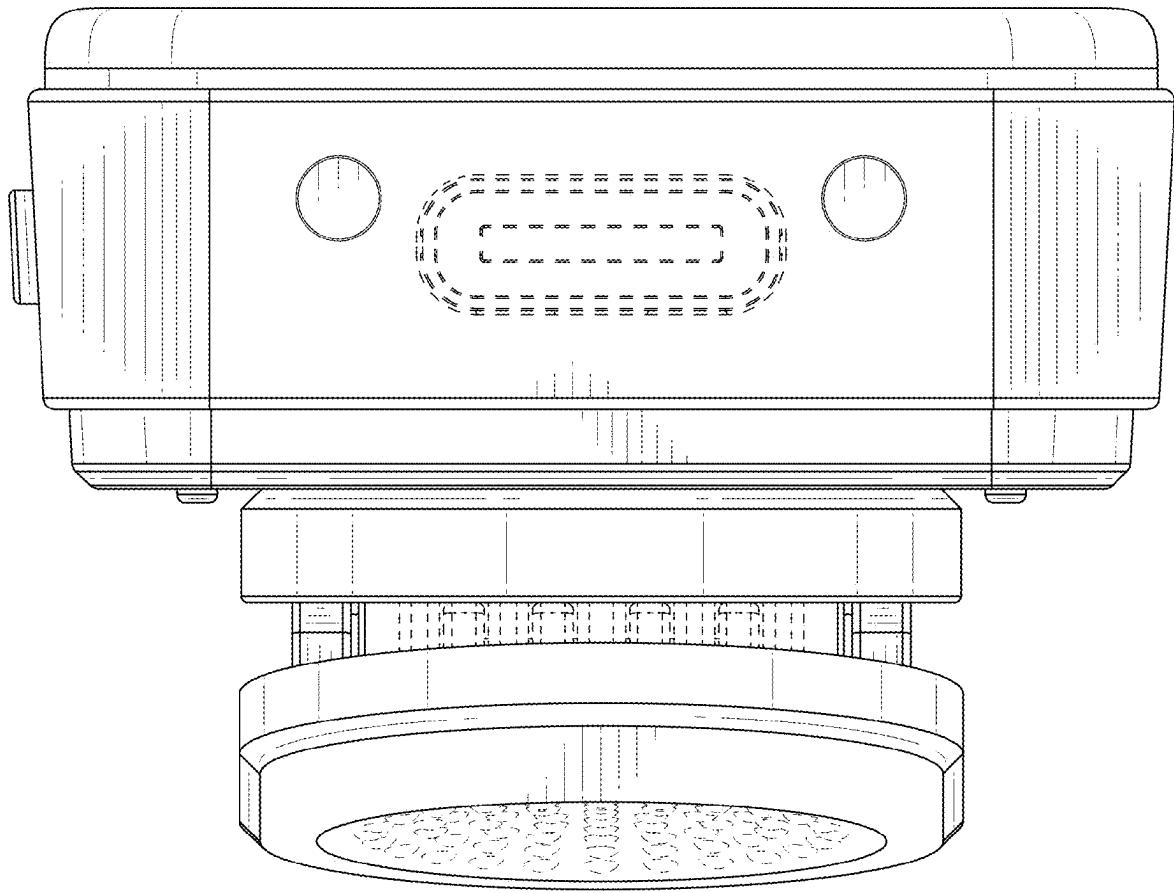


FIG. 7

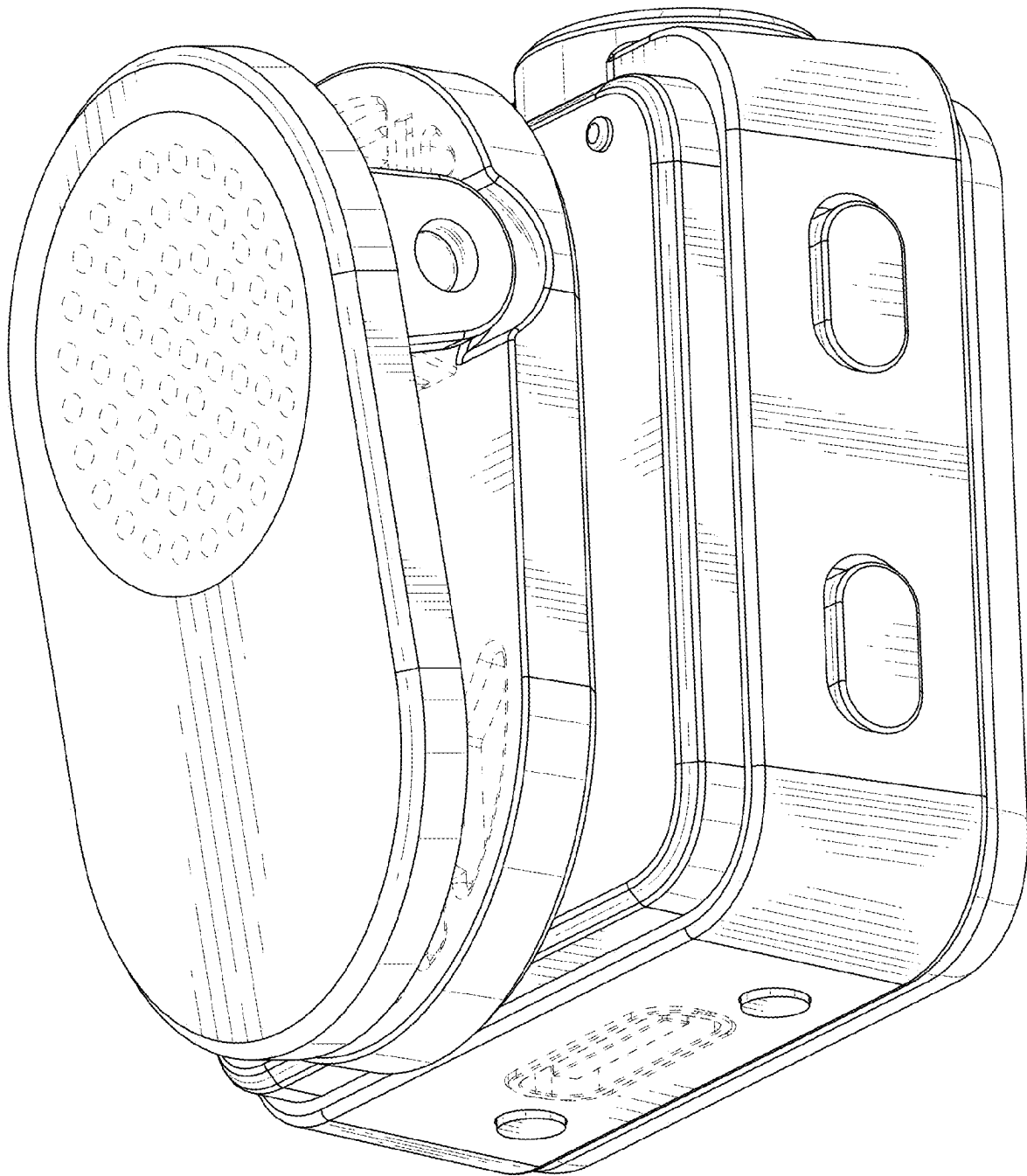


FIG. 8