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(12) **United States Design Patent**  
**Cheng et al.**

(10) **Patent No.:** **US D1,027,182 S**

(45) **Date of Patent:** **\*\* May 14, 2024**

(54) **HEART MONITOR**

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

(57) **CLAIM**

The ornamental design for a heart monitor, as shown and described.

(21) Appl. No.: **29/849,777**

**DESCRIPTION**

(22) Filed: **Aug. 15, 2022**

(30) **Foreign Application Priority Data**

Jul. 19, 2022 (CN) ..... 202230459215.5

(51) **LOC (14) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/167**

(58) **Field of Classification Search**  
USPC ..... D24/164–169, 185–188, 107, 200;  
D10/30–32, 38, 70, 61, 46, 98, 78, 103;  
(Continued)

FIG. 1 is a front perspective view of a heart monitor showing our design.  
FIG. 2 is a rear perspective view of the heart monitor in FIG. 1.  
FIG. 3 is a front elevation view of the heart monitor in FIG. 1.  
FIG. 4 is a rear elevation view of the heart monitor in FIG. 1.  
FIG. 5 is a left side elevation view of the heart monitor in FIG. 1.  
FIG. 6 is a right side elevation view of the heart monitor in FIG. 1.  
FIG. 7 is a top plan view of the heart monitor in FIG. 1; and, FIG. 8 is a bottom plan view of the heart monitor in FIG. 1. The broken lines in the drawings are employed to show unclaimed portions of the heart monitor, and form no part of the claimed design.

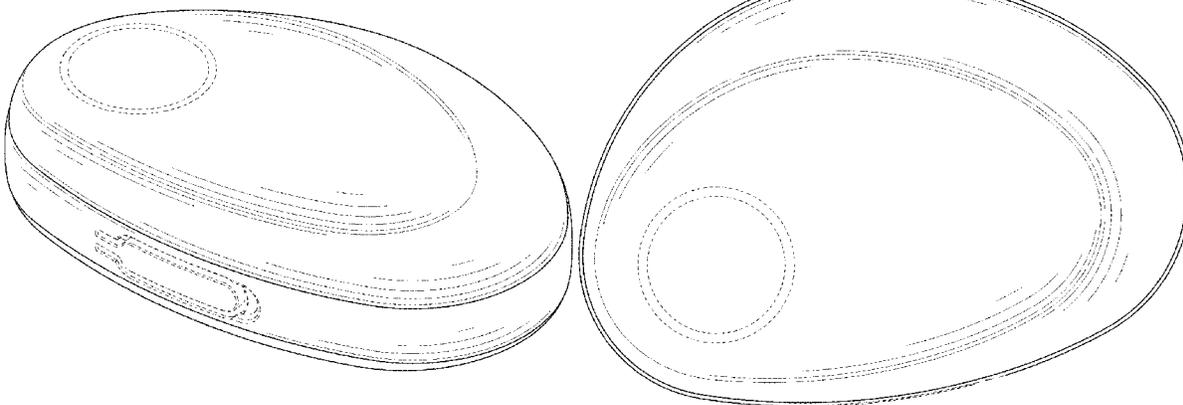
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**1 Claim, 8 Drawing Sheets**



(58) **Field of Classification Search**

USPC .... D14/138 R, 138 AA, 344, 192, 402, 409,  
D14/218  
CPC ..... A61B 5/0006; A61B 5/332; A61B 5/333;  
A61B 5/02438; A61B 5/0002; A61B  
5/0004; A61B 5/022; A61B 5/0205; A61B  
5/68; A61B 5/6801-6829; A61B 5/0425;  
A61B 2560/0468; A61B 2560/00; A61B  
2560/06; A61B 2560/0431; A61B  
2560/0412; A61B 2560/0425; A61B  
2560/0462; A61B 2562/0271; A61N  
1/39044; A61N 1/3904; A61N 1/3925;  
A61N 1/3968; G16H 10/00; G16H 10/60;  
G16H 15/00; G16H 50/00; G16H  
50/20-80; G16H 80/00; G16H 20/00;  
G16H 20/30; G06K 19/07762

See application file for complete search history.

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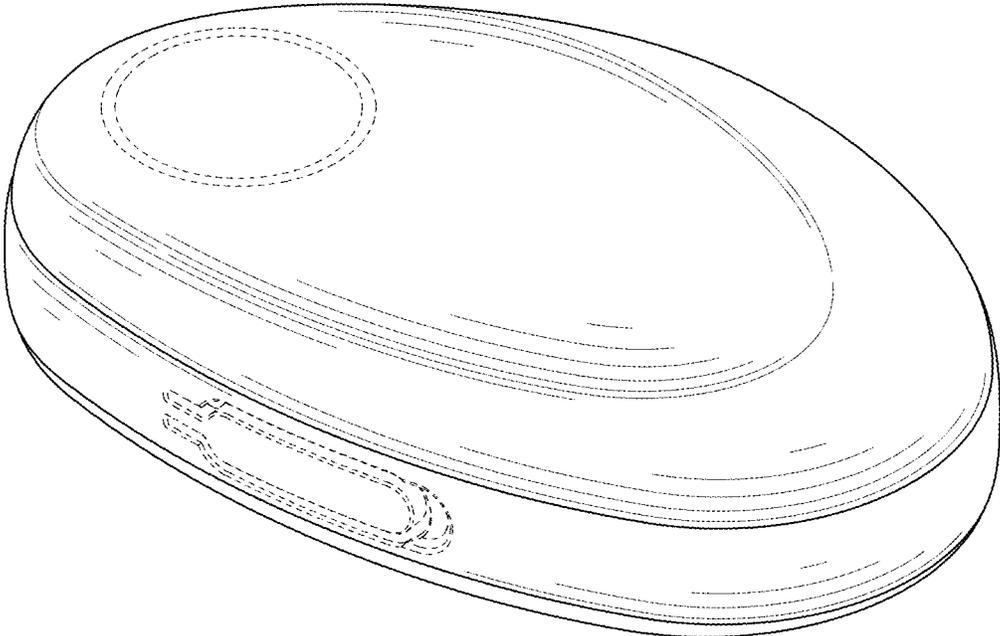


FIG. 1

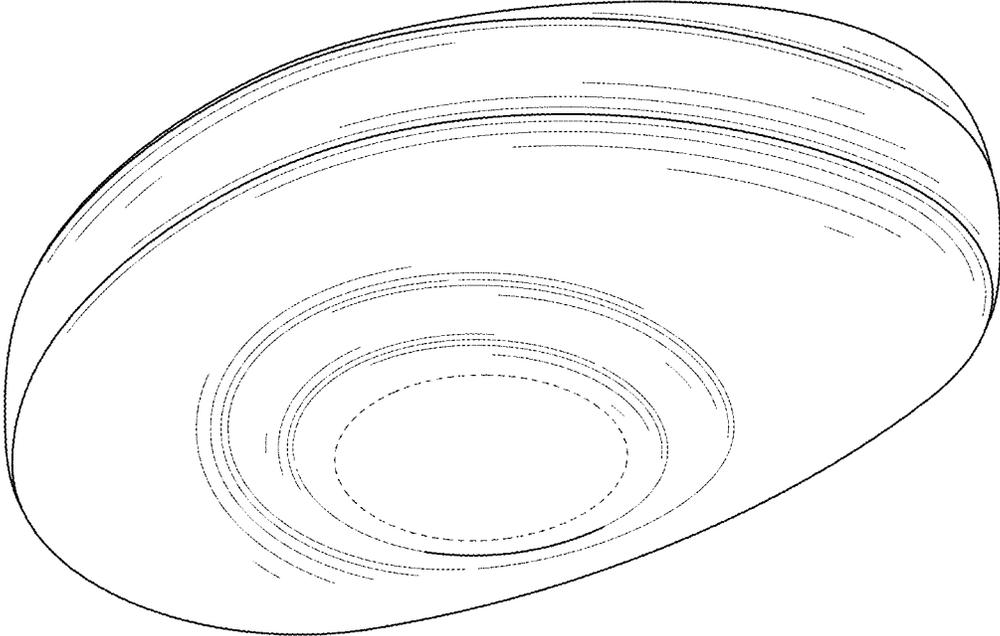


FIG. 2

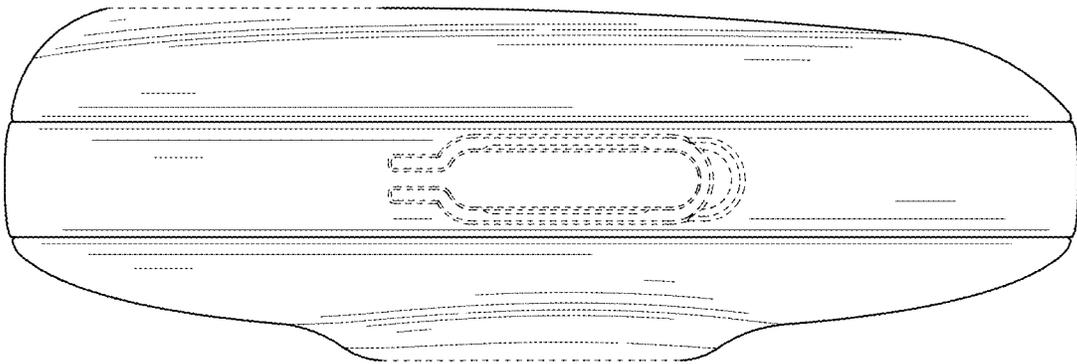


FIG. 3

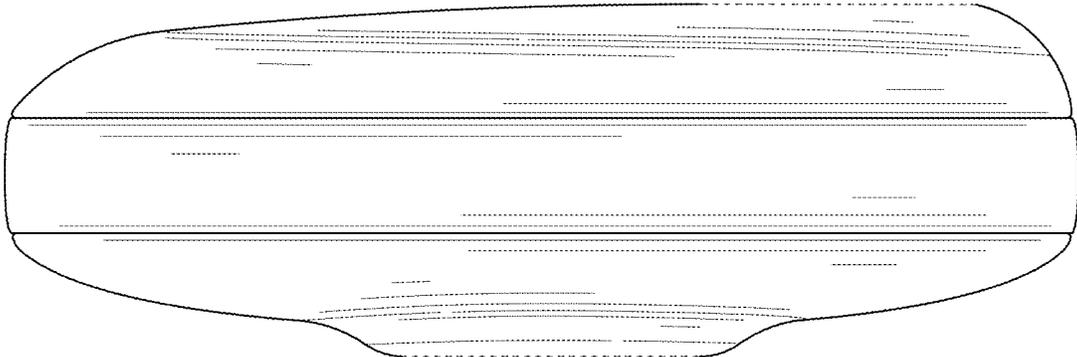


FIG. 4

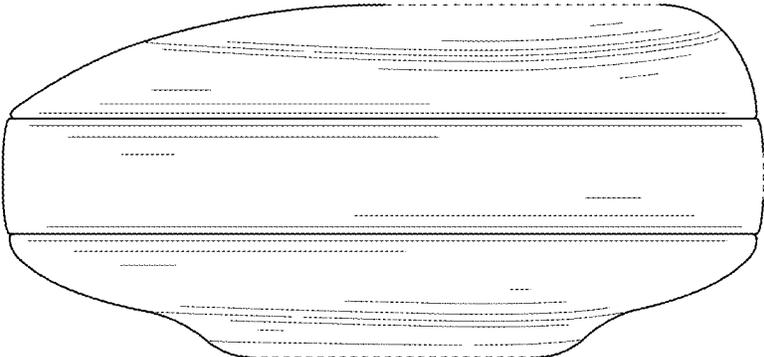


FIG. 5

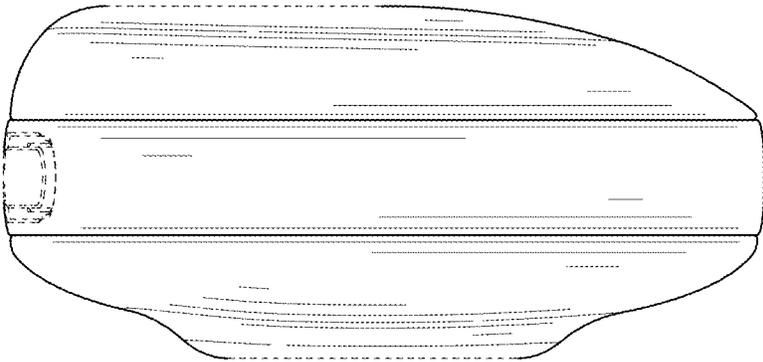


FIG. 6

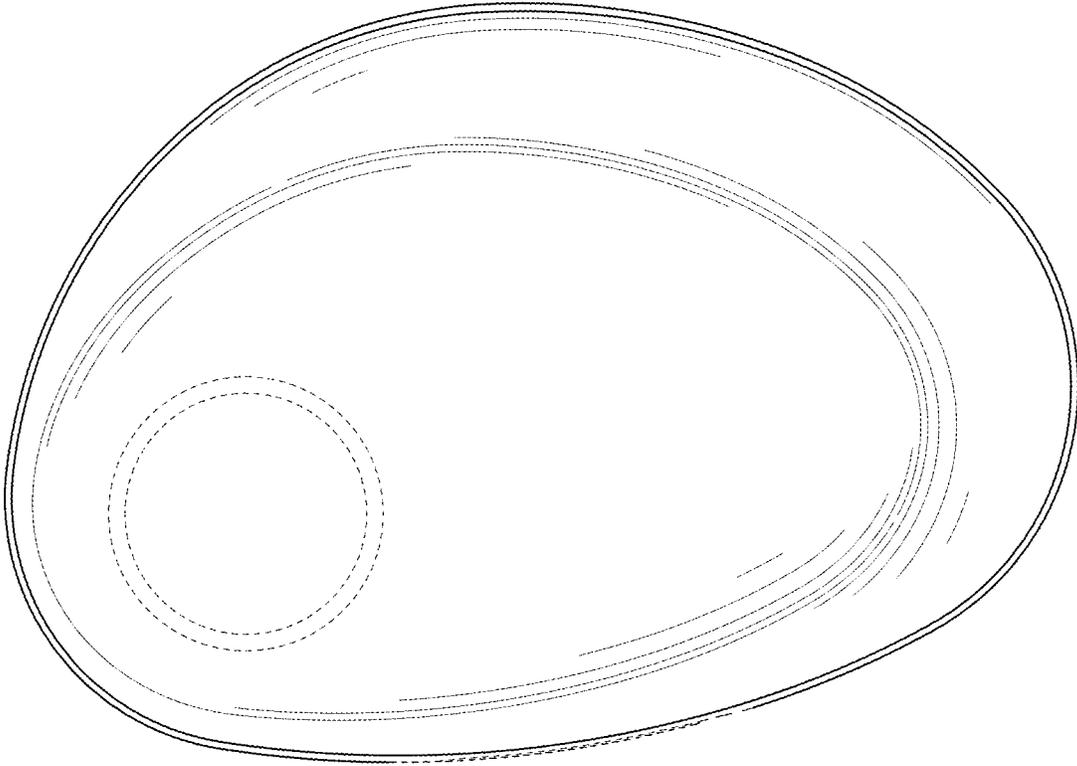


FIG. 7

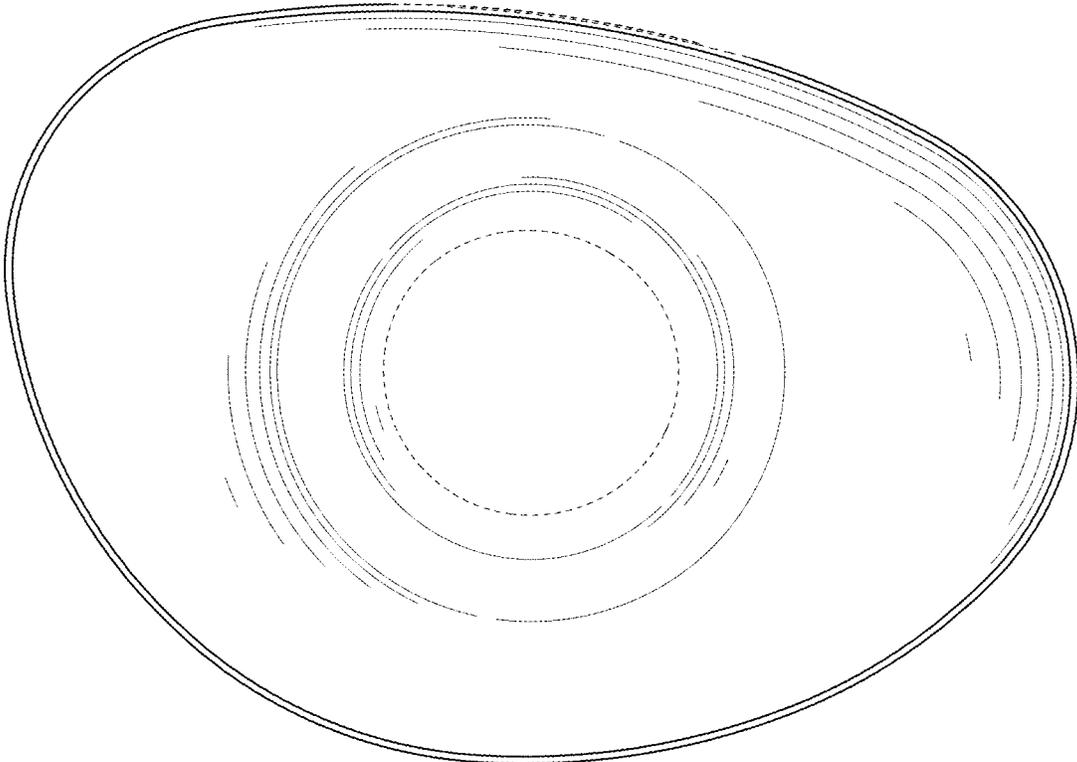


FIG. 8