

US0D1024342S

(12) **United States Design Patent** (10) **Patent No.: US D1,024,342 S**
Yeniel et al. (45) **Date of Patent: ** Apr. 23, 2024**

(54) **NEUROMODULATION DEVICE**

A61F 7/08; A61F 7/10; A61F 7/034;
A61F 7/086; A41D 20/005

(71) Applicant: **SORANUS ARGE VE**
DANISMANLIK HIZMETLERI
SANAYI TICARET A.S., Izmir (TR)

See application file for complete search history.

(72) Inventors: **Ahmet Özgür Yeniel,** Izmir (TR);
Özgün Selim Germiyan, Izmir (TR);
Serdal Temel, Izmir (TR); **Ilker**
Basaran, Izmir (TR); **Gökhan**
Bulunur, Izmir (TR); **Ahmet Mete**
Ergenoğlu, Izmir (TR)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D794,812 S * 8/2017 Matsushita D24/200
D810,952 S * 2/2018 Hsu D24/186
10,076,662 B2 * 9/2018 Tuan A61N 1/36021
(Continued)

(73) Assignee: **SORANUS ARGE VE**
DANISMANLIK HIZMETLERI
SANAYI TICARET A.S., Izmir (TR)

OTHER PUBLICATIONS

VPOD Wireless Tens Unit for Pain Relief, first available Jan. 20, 2020, amazon.com, [online], [site visited May 17, 2023], Available from internet URL: <https://www.amazon.com/dp/B0842BWJ7W/r> (Year: 2020).*

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

(Continued)

(21) Appl. No.: **29/823,717**

(22) Filed: **Jan. 19, 2022**

Primary Examiner — Samantha Q Lawrence

Assistant Examiner — Holly M Rodriguez

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Greenberg Traurig, LLP;
Roman Fayerberg; David J. Dykeman

Jul. 19, 2021 (TR) 2021/008379

(51) **LOC (14) Cl.** **24-01**

(57) **CLAIM**

(52) **U.S. Cl.**
USPC **D24/200**

The ornamental design for a neuromodulation device, as shown and described.

(58) **Field of Classification Search**

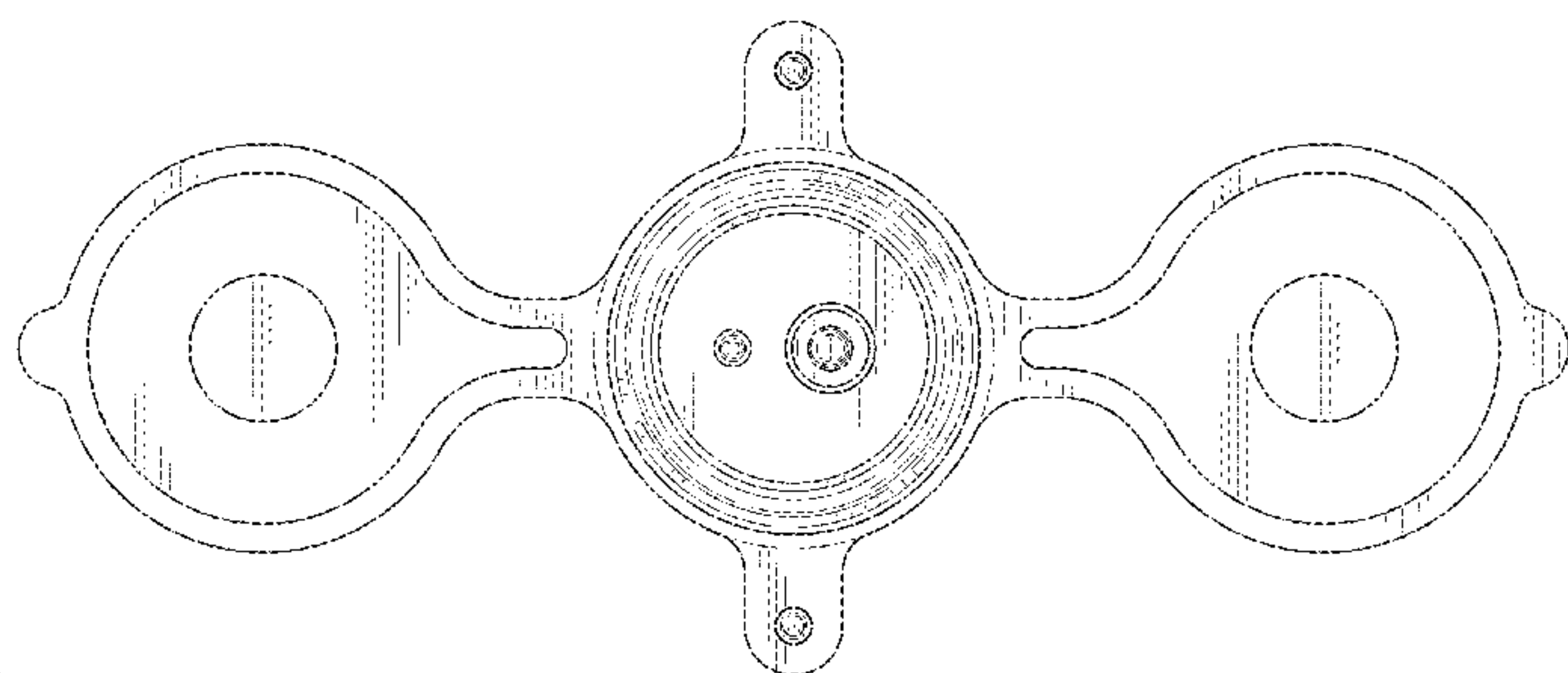
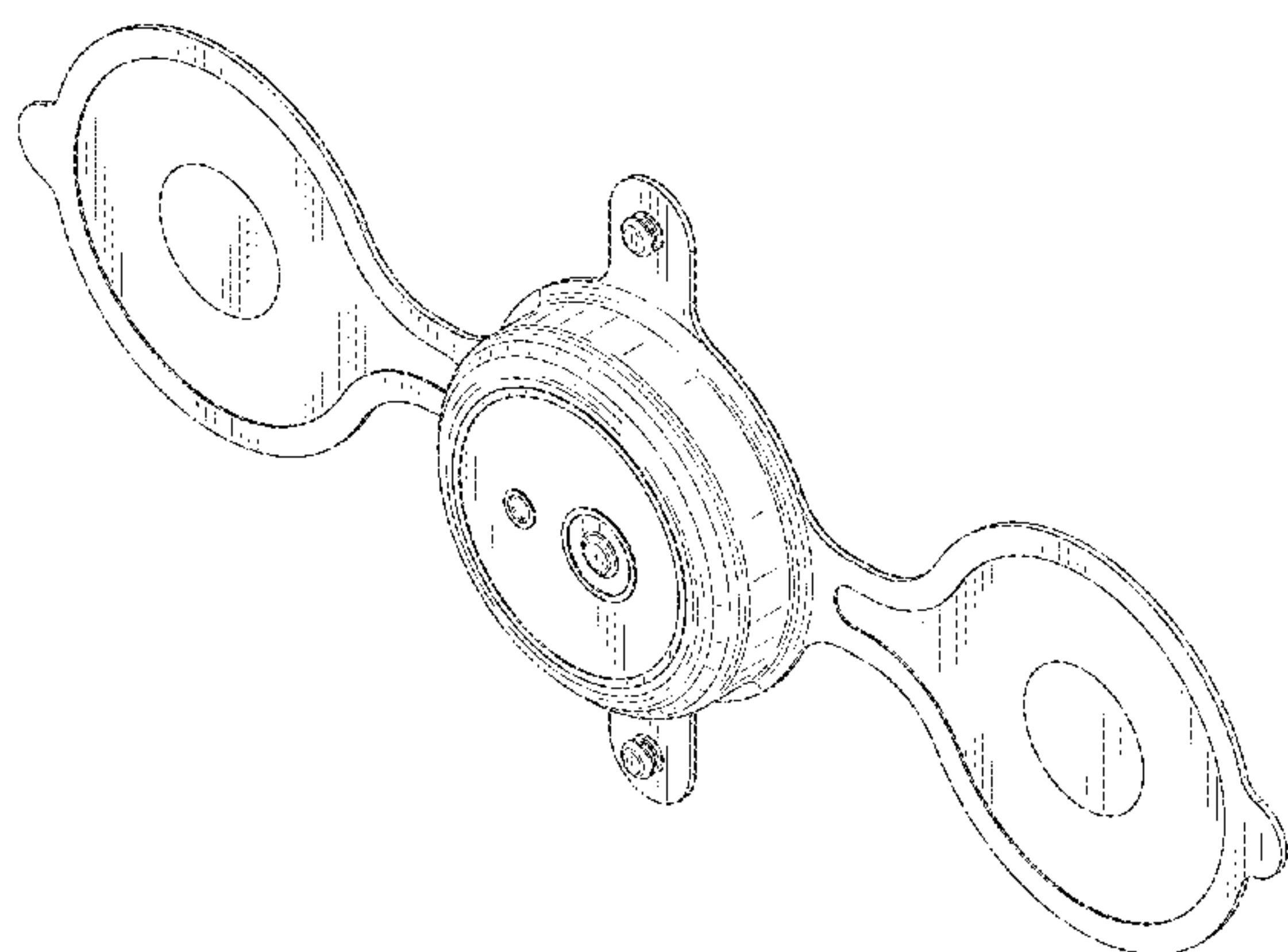
DESCRIPTION

USPC D24/200, 202, 205–208, 118, 188–192;
D2/728, 863, 880, 815, 750, 702, 701;
D29/108, 101.5, 121.1, 120.1; D21/660;
D9/707; D3/321, 226, 224, 221, 215;
D6/582–583, 595; D14/138 AA
CPC A61H 9/0078; A61H 2209/00; A61H
2205/106; A61H 2201/1697; A61H
9/0092; A61H 2205/10; A61H 36/00;
A61F 13/085; A61F 5/0123; A61F
5/0106; A61F 5/0109; A61F 2005/0176;
A61F 2007/023; A61F 2007/105; A61F
2007/108; A61F 2007/0001; A61F
2007/0238; A61F 2007/0268; A61F 7/02;

FIG. 1 is a perspective view of an embodiment of a neuromodulation device showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a right side elevational view thereof; and,
FIG. 5 is a top plan view thereof.

The broken lines shown in the drawings are included for the purpose of illustrating portions of the neuromodulation device and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D834,719 S * 11/2018 Theriot D24/200
2017/0209693 A1 * 7/2017 An A61N 1/0456

OTHER PUBLICATIONS

Neck Massager, first available Feb. 2, 2023, amazon.com, [online],
[site visited May 17, 2023], Available from internet URL: <https://www.amazon.com/dp/B0BTPBJT7W/> (Year: 2023).*

Mini Cervical Massager with Remote Control, first available Jul. 23,
2021, amazon.com, [online], [site visited Jun. 11, 2023], Available
from internet URL: <https://www.amazon.co.uk/dp/B09B3DSX3B/>
(Year: 2021).*

Wireless TENS Unit Stimulator by iTENS, first available Jan. 2,
2019, amazon.com, [online], [site visited May 6, 2023], Available
from internet URL: <https://www.amazon.com/Wireless-TENS-Pain-Relief-iTENS/dp/B07MF9QDTQ> (Year: 2019).*

OrthoTape Wireless Tens Unit Machine, first available Feb. 20,
2022, amazon.com, [online], [site visited Jun. 11, 2023], Available
from internet URL: <https://www.amazon.com/dp/B09SRBVRLB/>
(Year: 2022).*

* cited by examiner

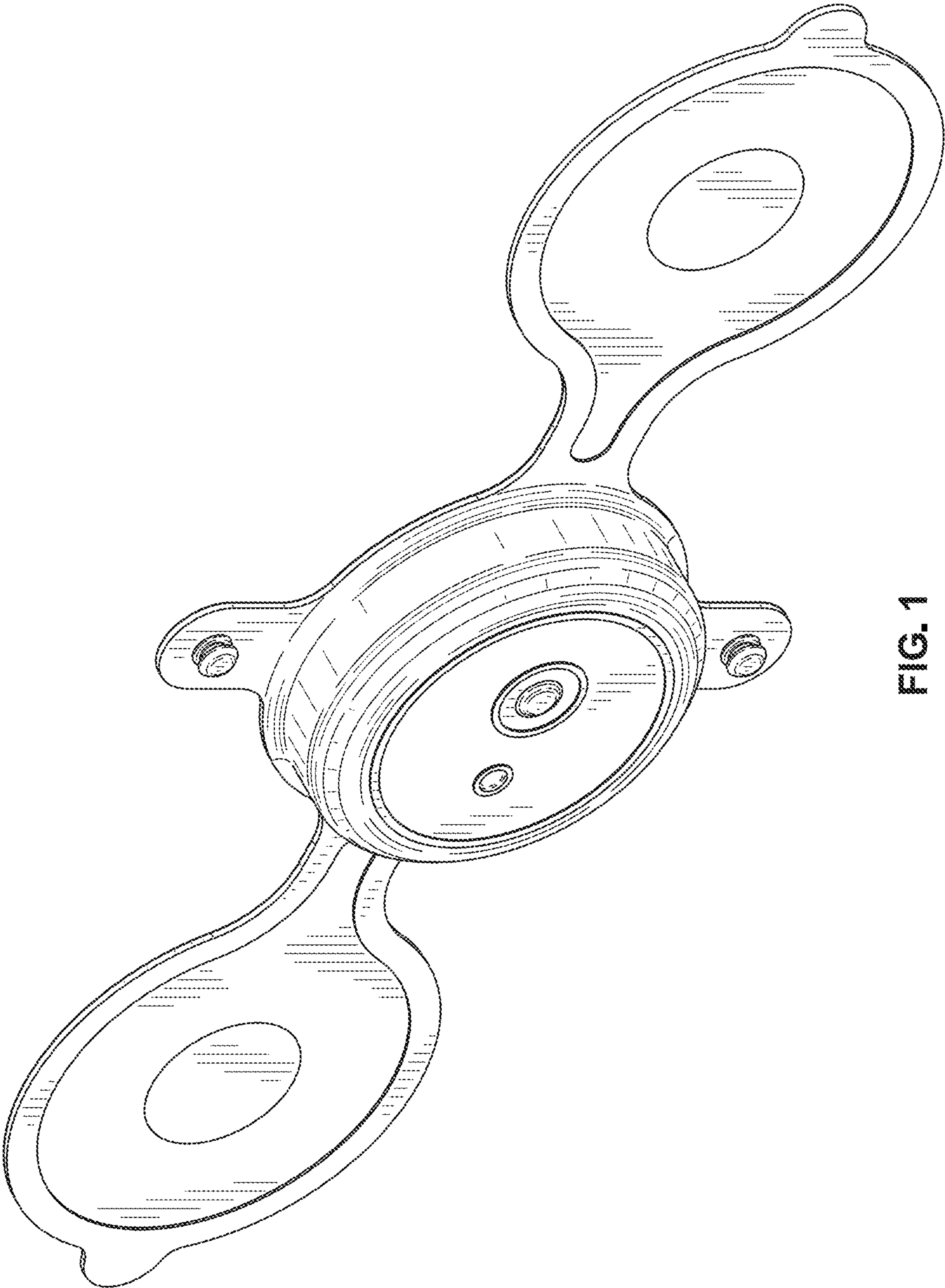


FIG. 1

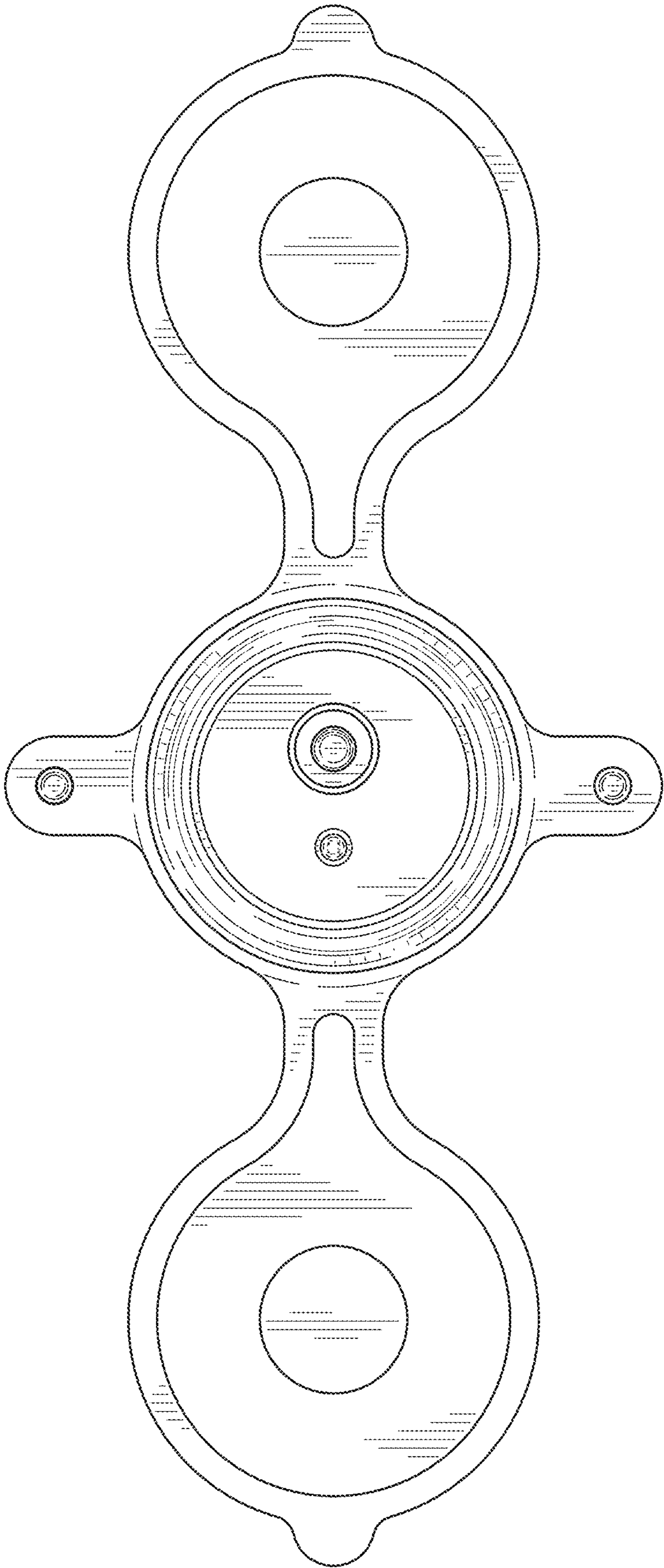


FIG. 2

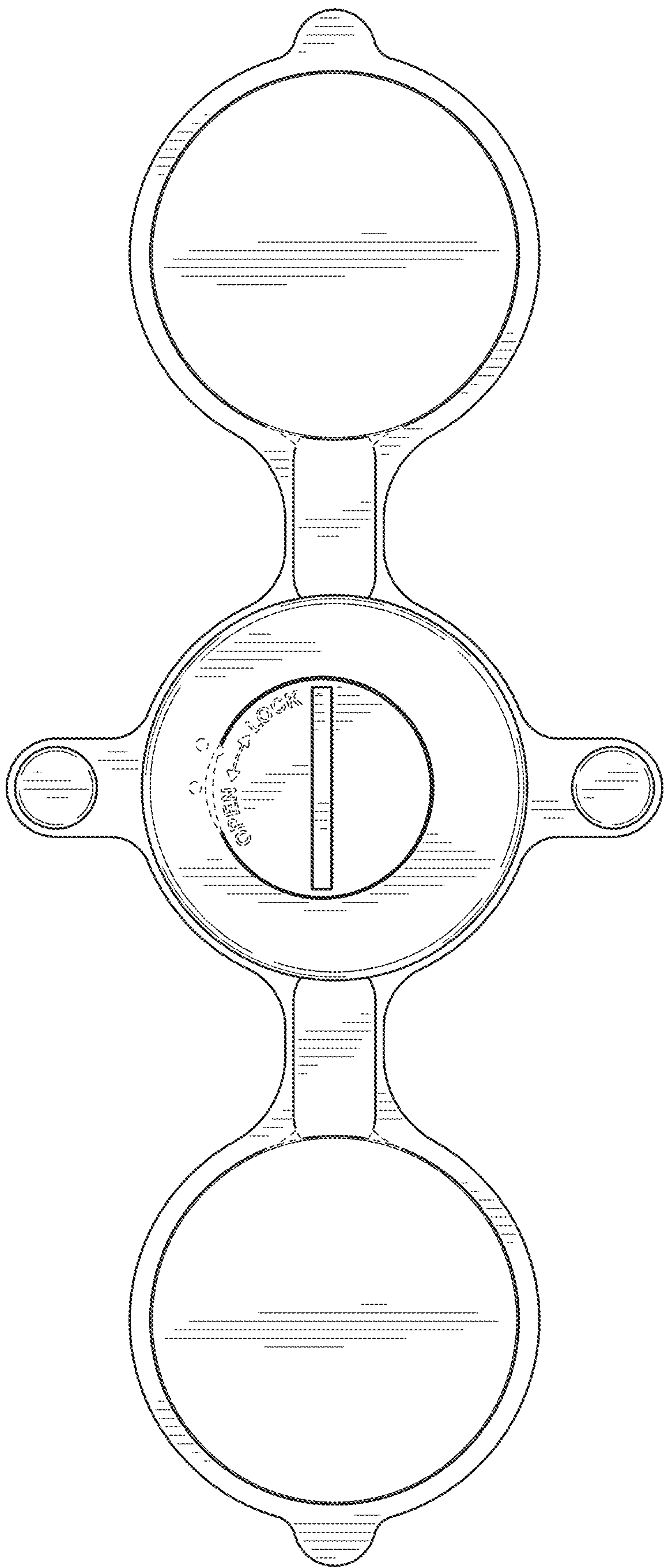


FIG. 3



FIG. 4

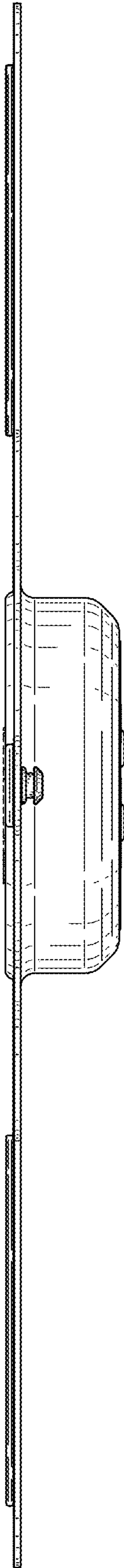


FIG. 5