



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

(10) **Patent No.:** **US D1,023,062 S**
(45) **Date of Patent:** **** Apr. 16, 2024**

- (54) **TIRE SEALING AND INFLATION DEVICE**
- (71) Applicant: **TEK GLOBAL S.R.L.**, Pesaro (IT)
- (72) Inventor: **Maurizio Marini**, Pesaro (IT)
- (73) Assignee: **TEK GLOBAL S.R.L.**, Pesaro (IT)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/739,553**
- (22) Filed: **Jun. 26, 2020**

- D950,726 S * 5/2022 Kang D24/138
- D956,824 S * 7/2022 Richey D15/7
- D970,557 S * 11/2022 Yang D15/7
- D973,104 S * 12/2022 Solana D15/7
- 2008/0029181 A1* 2/2008 Marini B29C 73/025
141/38
- 2008/0277044 A1* 11/2008 Marini B29C 73/166
156/97

(Continued)

Primary Examiner — Eliza Z Harvey
(74) *Attorney, Agent, or Firm* — Leason Ellis LLP

Related U.S. Application Data

- (62) Division of application No. 35/506,986, filed on Nov. 30, 2018 (U.S. filing date under 35 U.S.C. 384), and having an international filing date of Nov. 30, 2018, now Pat. No. Des. 914,769.
- (51) **LOC (14) Cl.** **15-02**
- (52) **U.S. Cl.**
USPC **D15/7**
- (58) **Field of Classification Search**
USPC D15/7, 9, 199; D8/31
CPC B29C 73/025; B29C 73/166; B60S 5/046
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

- D599,389 S * 9/2009 Eckhardt D15/199
- D613,320 S * 4/2010 Marini D15/199
- D631,494 S * 1/2011 Marini D15/199
- D645,056 S * 9/2011 Marini D15/9
- D652,512 S * 1/2012 Sherwood D24/133
- D657,383 S * 4/2012 Wang D15/7
- D684,723 S * 6/2013 Tsai D24/146
- D776,810 S * 1/2017 Tseng D24/137
- D842,354 S * 3/2019 Marini D15/199
- D873,863 S * 1/2020 Marini D15/7
- D902,960 S * 11/2020 Marini F02M 37/04
D15/7
- D914,769 S * 3/2021 Marini D15/7

(57) **CLAIM**

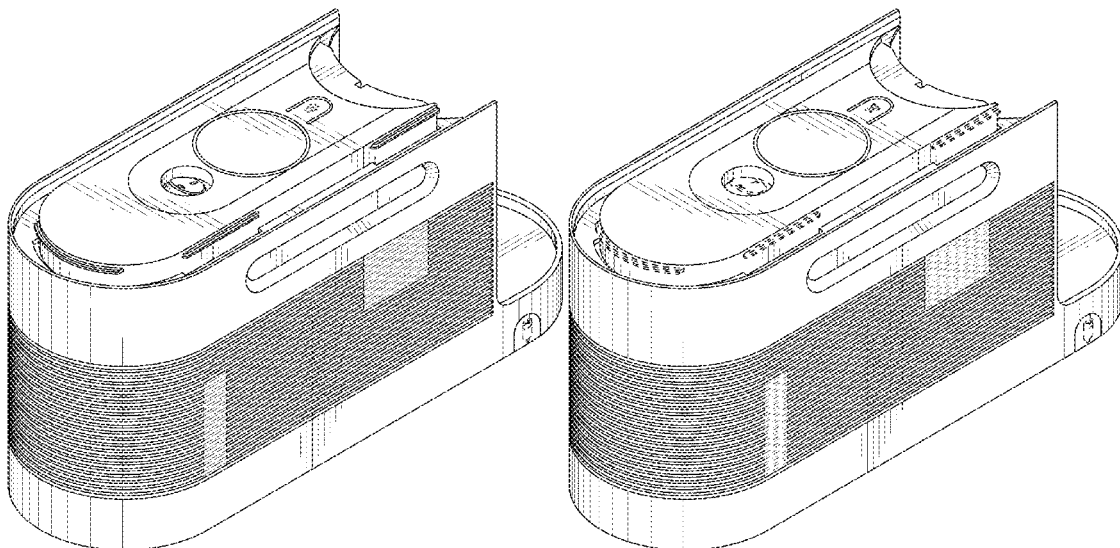
The ornamental design for a tire sealing and inflation device, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a tire sealing and inflation device showing a first embodiment;
 FIG. 2 is a right side elevation view thereof;
 FIG. 3 is a left side elevation view thereof;
 FIG. 4 is a front elevation view thereof;
 FIG. 5 is a rear elevation view thereof;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof;
 FIG. 8 is a top perspective view of a tire sealing and inflation device showing a second embodiment;
 FIG. 9 is a right side elevation view thereof;
 FIG. 10 is a left side elevation view thereof;
 FIG. 11 is a front elevation view thereof;
 FIG. 12 is a rear elevation view thereof;
 FIG. 13 is a top plan view thereof; and,
 FIG. 14 is a bottom plan view thereof.

The present application relates to a tire sealing and inflation device in which the broken line shown is for the purpose of illustrating portions which forms no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2009/0266440	A1*	10/2009	Lolli	B60S 5/043 141/38
2011/0116941	A1*	5/2011	Lolli	B29C 73/166 417/313
2011/0180180	A1*	7/2011	Lolli	B29C 73/166 141/38
2016/0126765	A1*	5/2016	Marini	H02J 7/007192 320/107

* cited by examiner

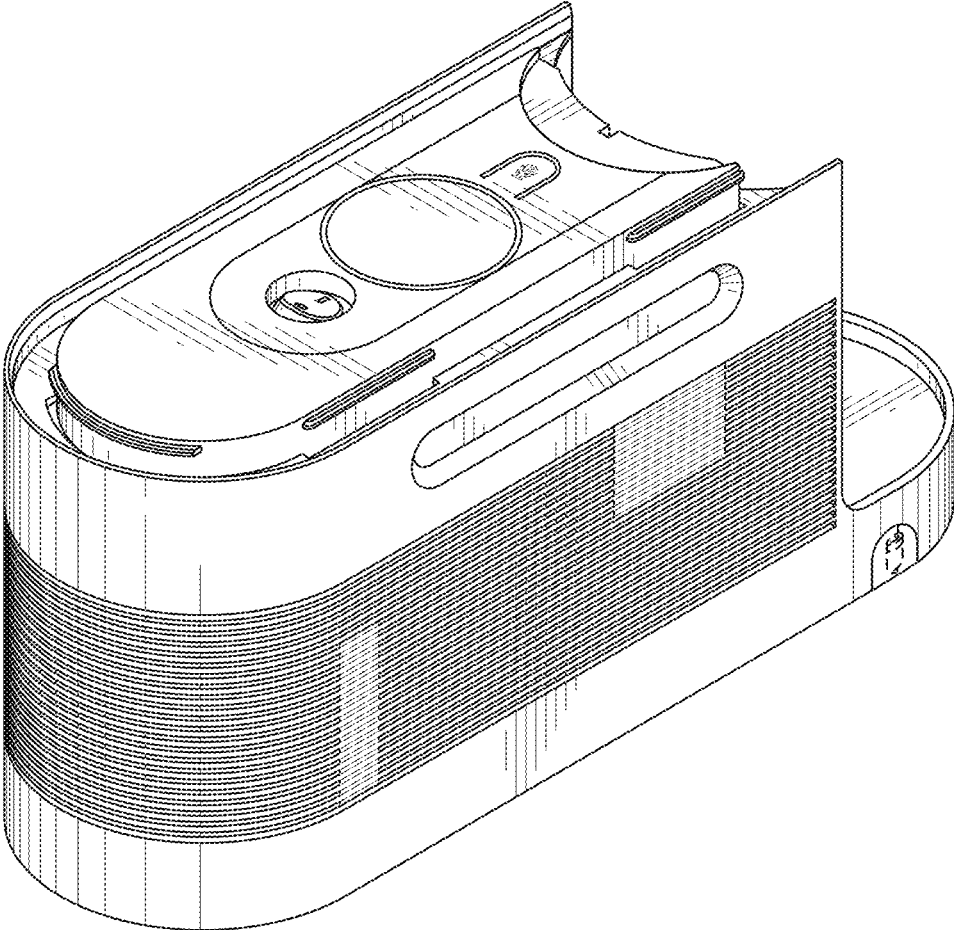


Fig. 1

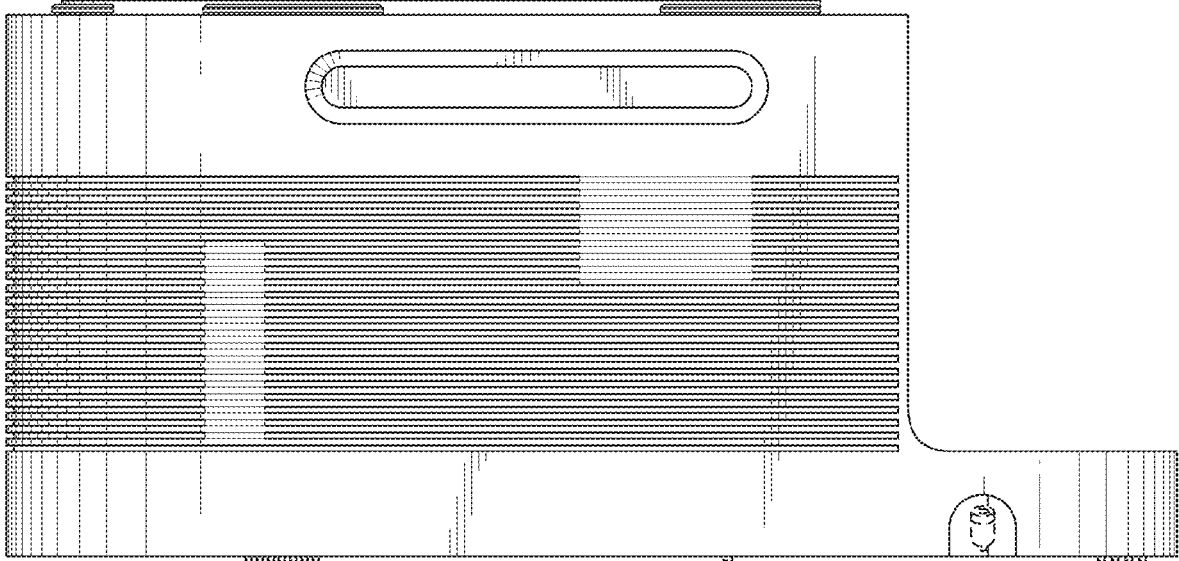


Fig. 2

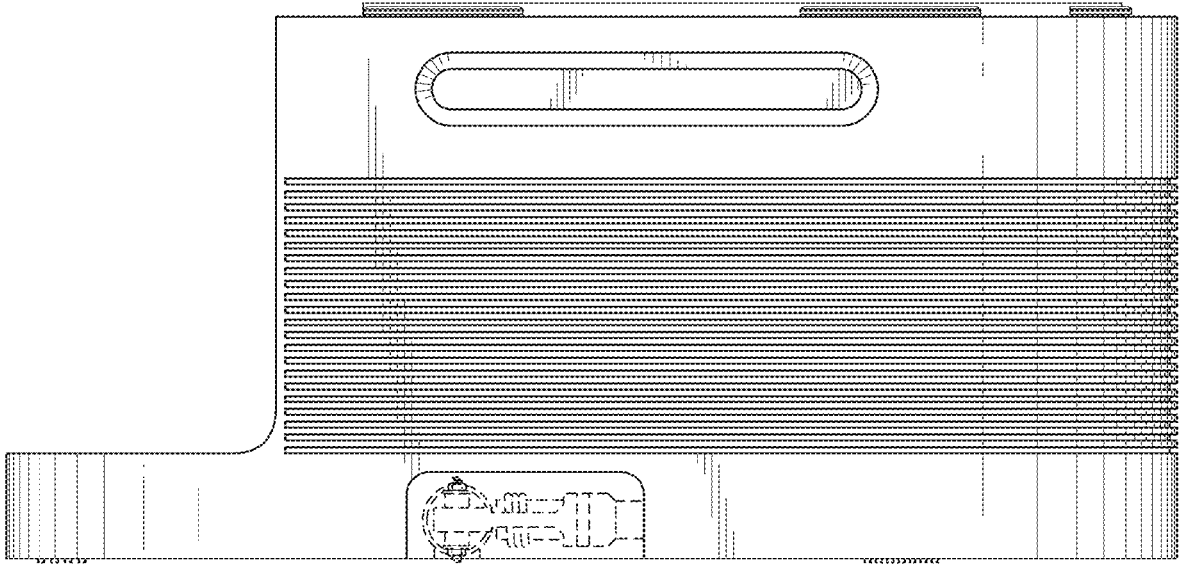


Fig. 3

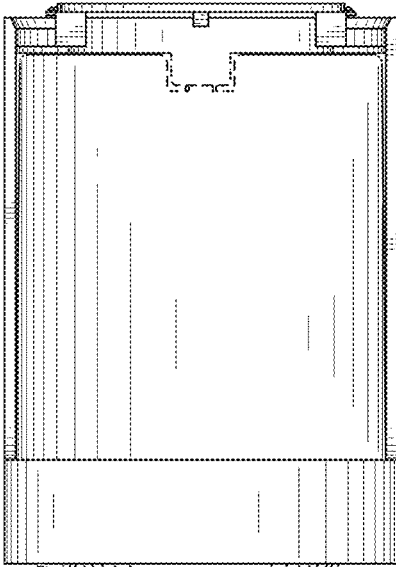


Fig. 4

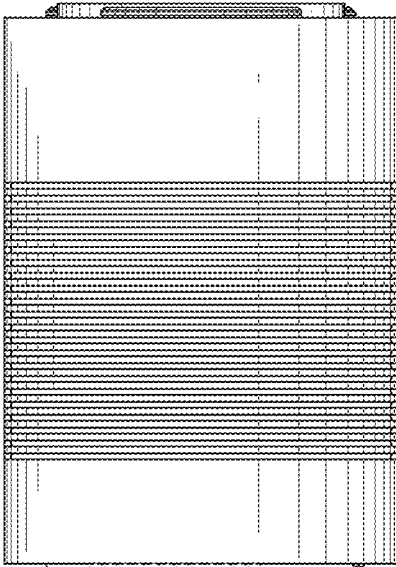


Fig. 5

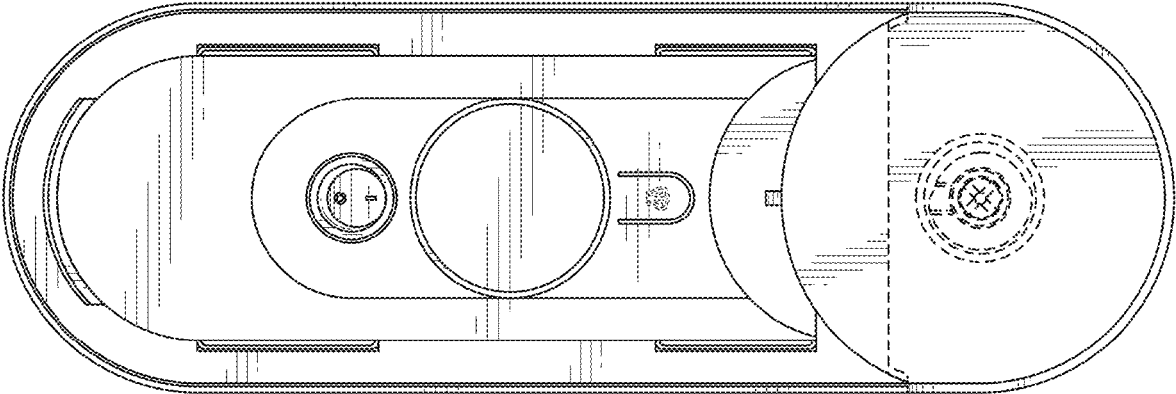


Fig. 6

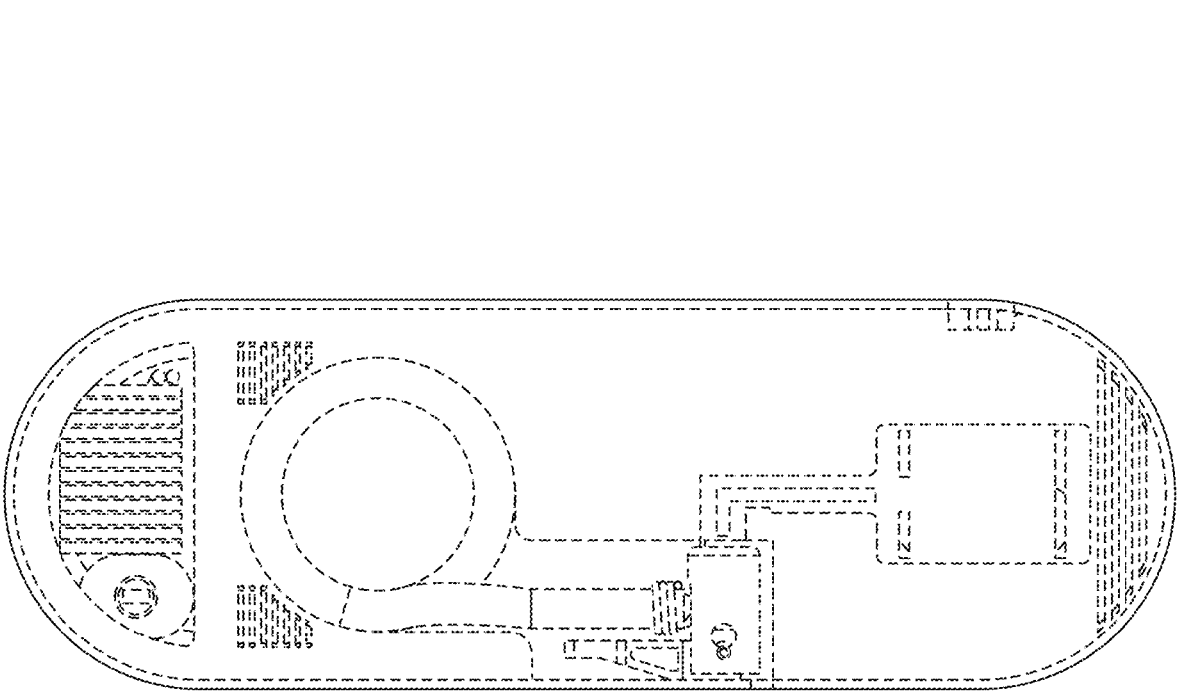


Fig. 7

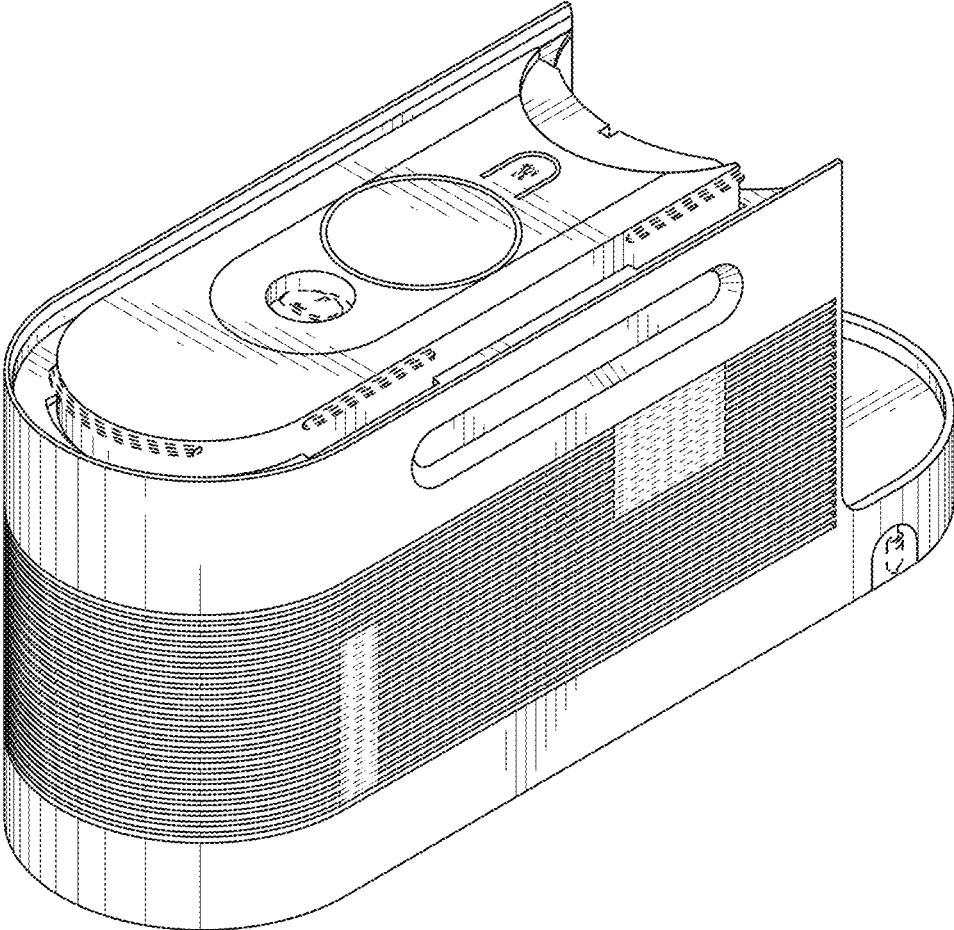


Fig. 8

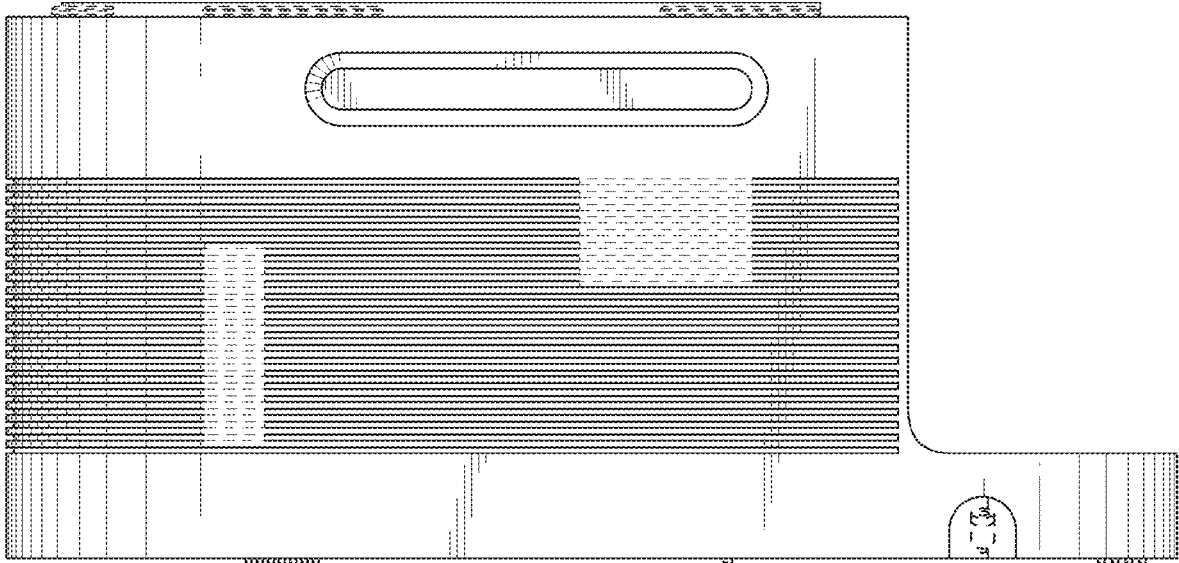


Fig. 9

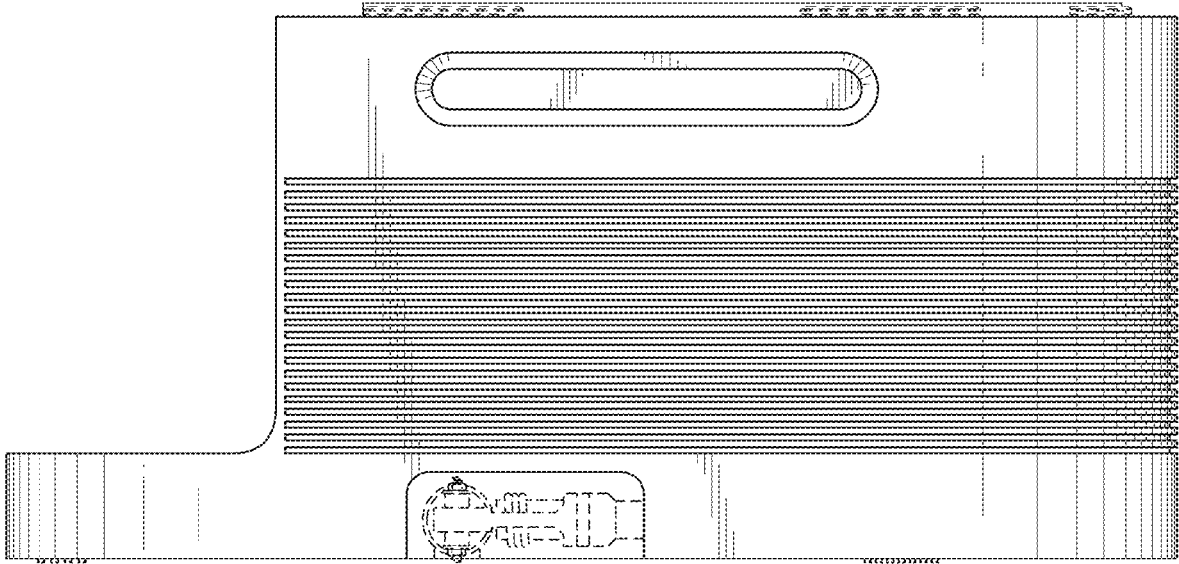


Fig. 10

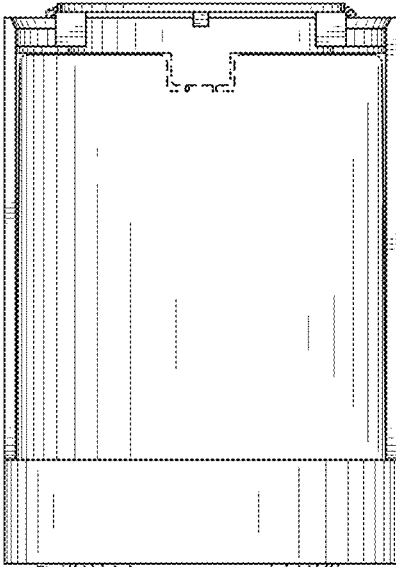


Fig. 11

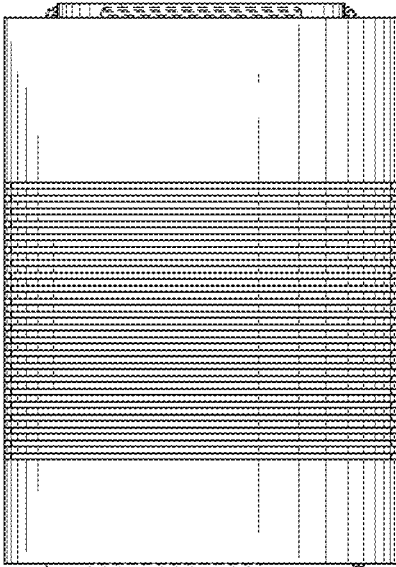


Fig. 12

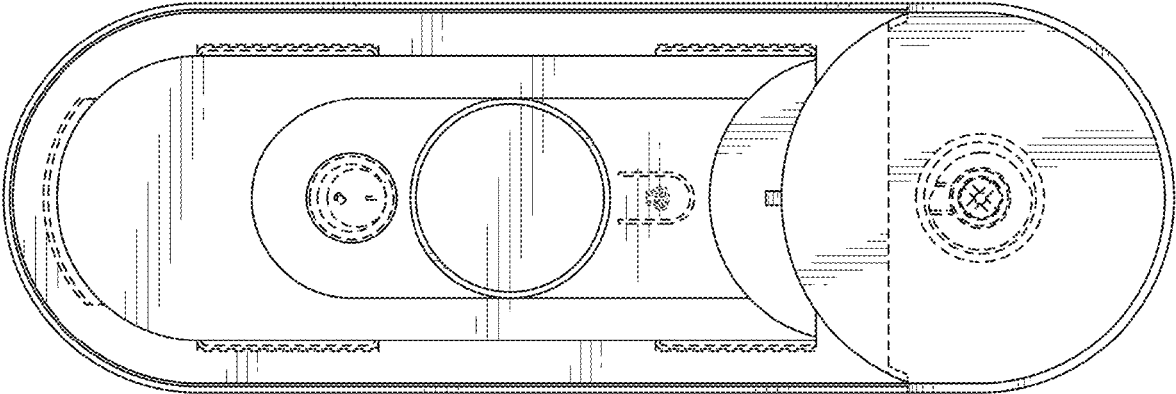


Fig. 13

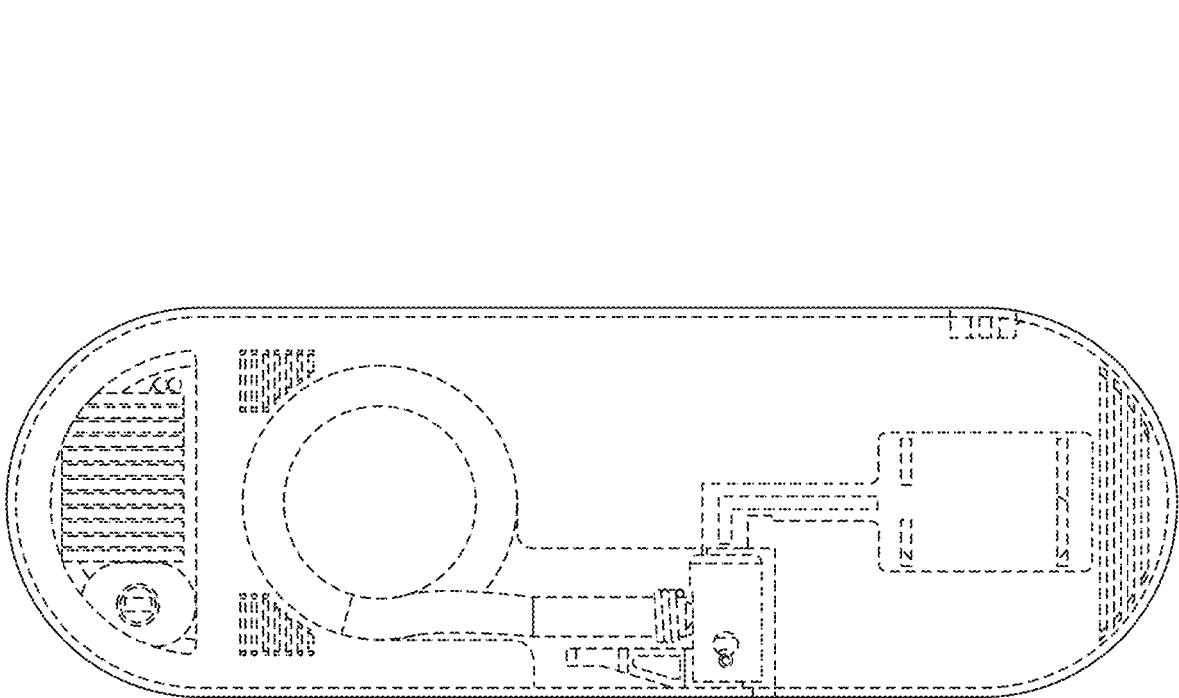


Fig. 14