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(12) United States Design Patent

Fan

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(54) **AIR PUMP**

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

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(51) **LOC (13) Cl.** **15-02**

(52) **U.S. Cl.**
USPC **D15/7**

(58) **Field of Classification Search**
USPC D15/7–9, 144.1; D12/114; D14/139, D14/154, 155, 196, 209.1, 214, 221; D24/108, 110, 168, 170, 231, 232
CPC F04B 53/14; F04B 53/92; F04B 33/00; F04B 33/005; F04B 1/005; F04B 39/102; F04D 13/06; F04D 29/22; F04D 29/046; F04D 29/2266
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D301,887	S	*	6/1989	Price	D15/7
D340,726	S	*	10/1993	Wang	D15/7
D403,330	S	*	12/1998	Williams	D15/9
D407,413	S	*	3/1999	Wang	D15/9
D426,243	S	*	6/2000	Wang	D15/8
D426,554	S	*	6/2000	Wang	D15/8
D428,422	S	*	7/2000	Wang	D15/8
D484,890	S	*	1/2004	Hsiao	D15/9
D505,759	S	*	5/2005	Yuen	D32/18
D540,826	S	*	4/2007	Wang	D15/9
D541,309	S	*	4/2007	Wang	D15/9
D548,751	S	*	8/2007	Snider	D15/7
D555,472	S	*	11/2007	Gedanke	D9/418
D557,708	S	*	12/2007	Carpenter	D15/7
D572,273	S	*	7/2008	Carpenter	D15/7

(Continued)

OTHER PUBLICATIONS

Prow, Electric Air Compressor Tire Inflator AC/DC Portable for Car—DC 12V, Home—AC 110V, (first available Sep. 26, 2019), Amazon.com, URL:<https://www.amazon.com/gp/product/B07YDY729D> (Year: 2019).*

(Continued)

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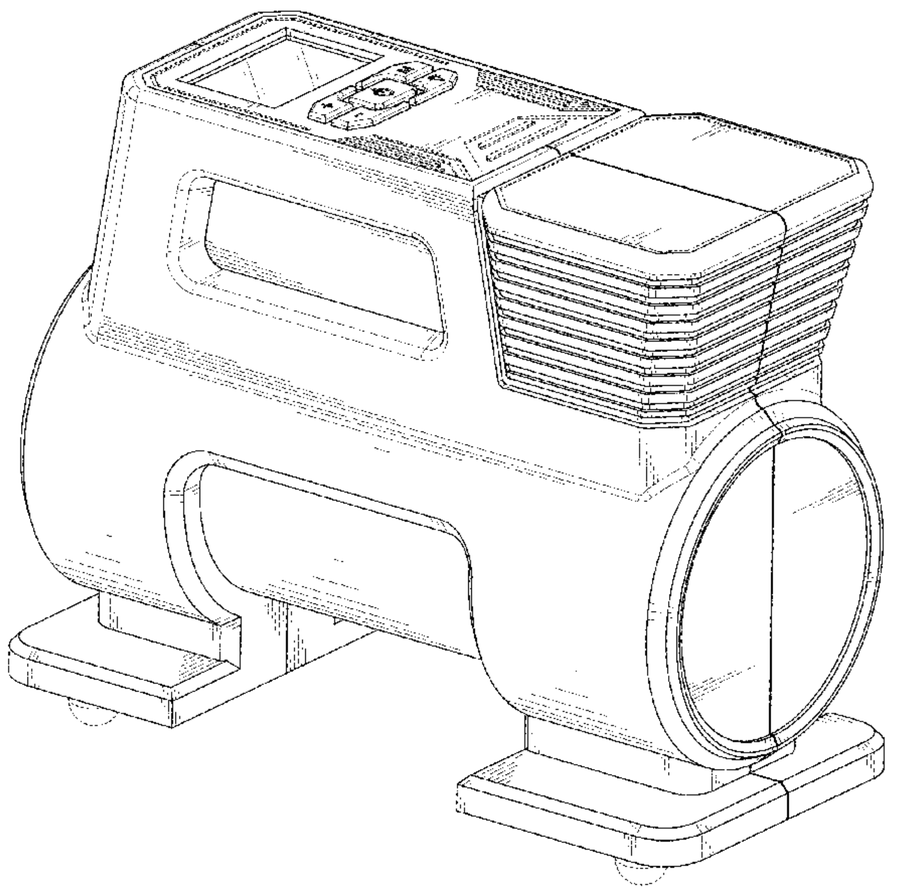
(57) **CLAIM**

The ornamental design for an air pump, as shown and described.

DESCRIPTION

FIG. **1** is a front, right side, top perspective view of an air pump showing my new design;
FIG. **2** is a rear, left side, bottom perspective view thereof;
FIG. **3** is a top plan view thereof;
FIG. **4** is a bottom plan view thereof;
FIG. **5** is a front elevational view thereof;
FIG. **6** is a rear elevational view thereof;
FIG. **7** is the left side elevation view thereof rotated 180 degrees; and,
FIG. **8** is a right side view thereof.
The broken lines immediately adjacent to the claimed portions are boundaries, all the broken lines depict portions of the air pump and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D589,533	S	*	3/2009	Anderson	D15/8
D597,105	S	*	7/2009	Geisler	D15/9
D701,536	S	*	3/2014	Shakal	D15/7
D707,719	S	*	6/2014	Kamijyo	D15/7
D800,790	S	*	10/2017	Mazur	D15/7
D830,415	S	*	10/2018	Kennedy	D15/7
D878,423	S	*	3/2020	Andersson	D15/7
D891,478	S	*	7/2020	Ou	D15/7
D896,281	S	*	9/2020	Long	D15/9
D896,847	S	*	9/2020	Janardhan	D15/7

OTHER PUBLICATIONS

TACKLIFE, M1 Tire Inflator, (first available Aug. 15, 2019), Amazon.com, URL:<https://www.amazon.com/TACKLIFE-Inflator-Compressor-Precision-Adaptors/dp/B07WG7B5RX> (Year: 2019).*

* cited by examiner

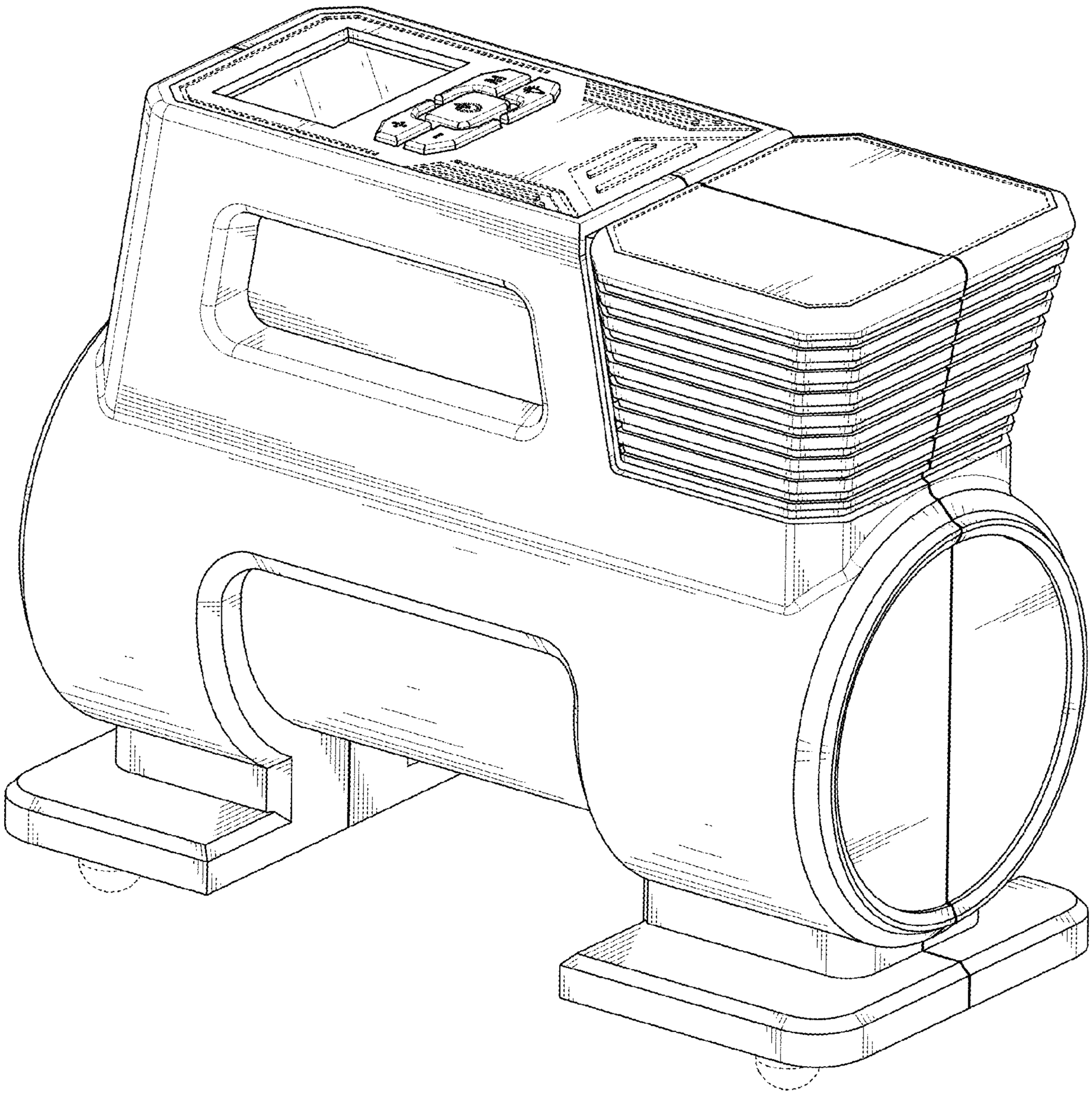


FIG. 1

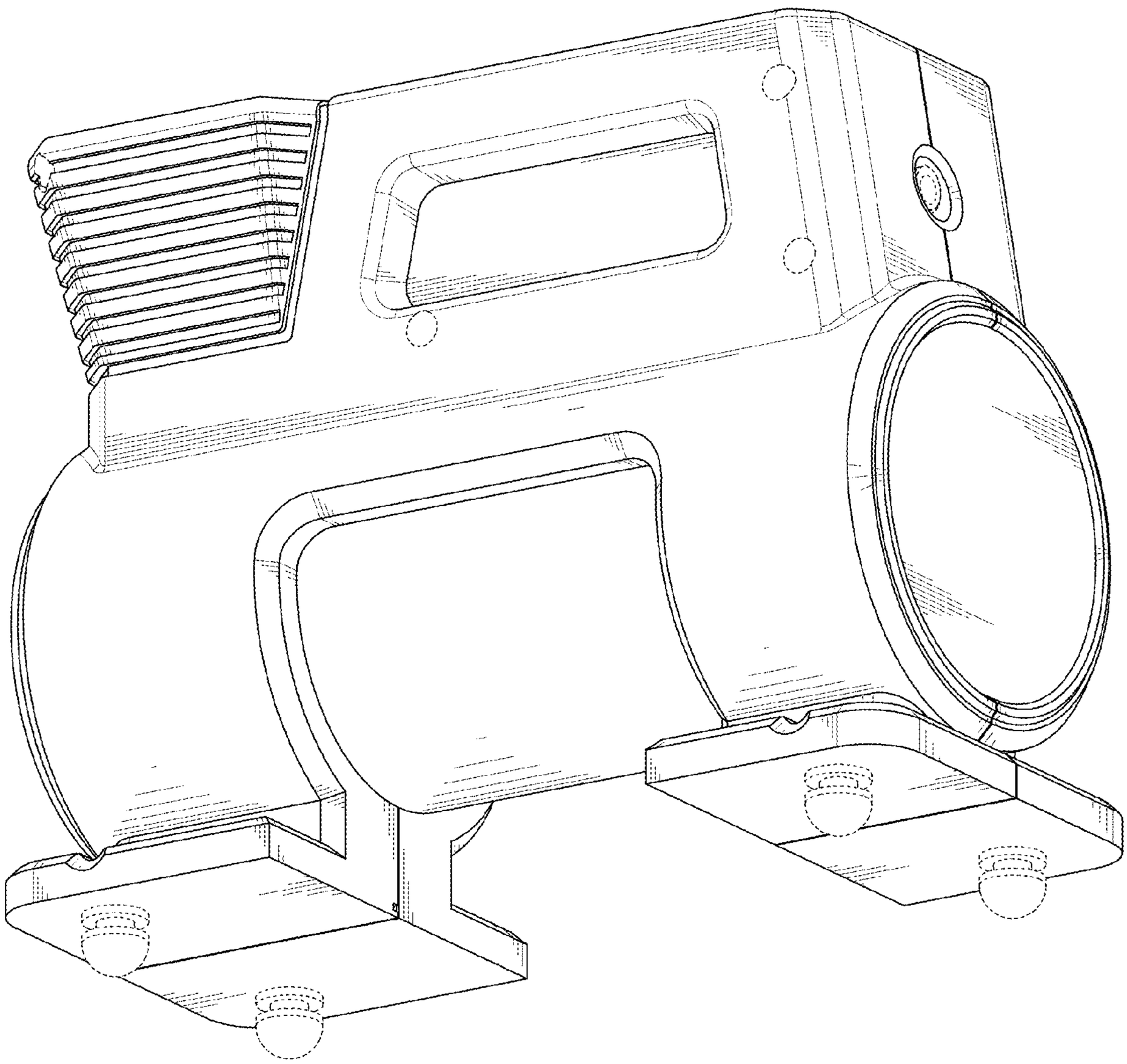


FIG. 2

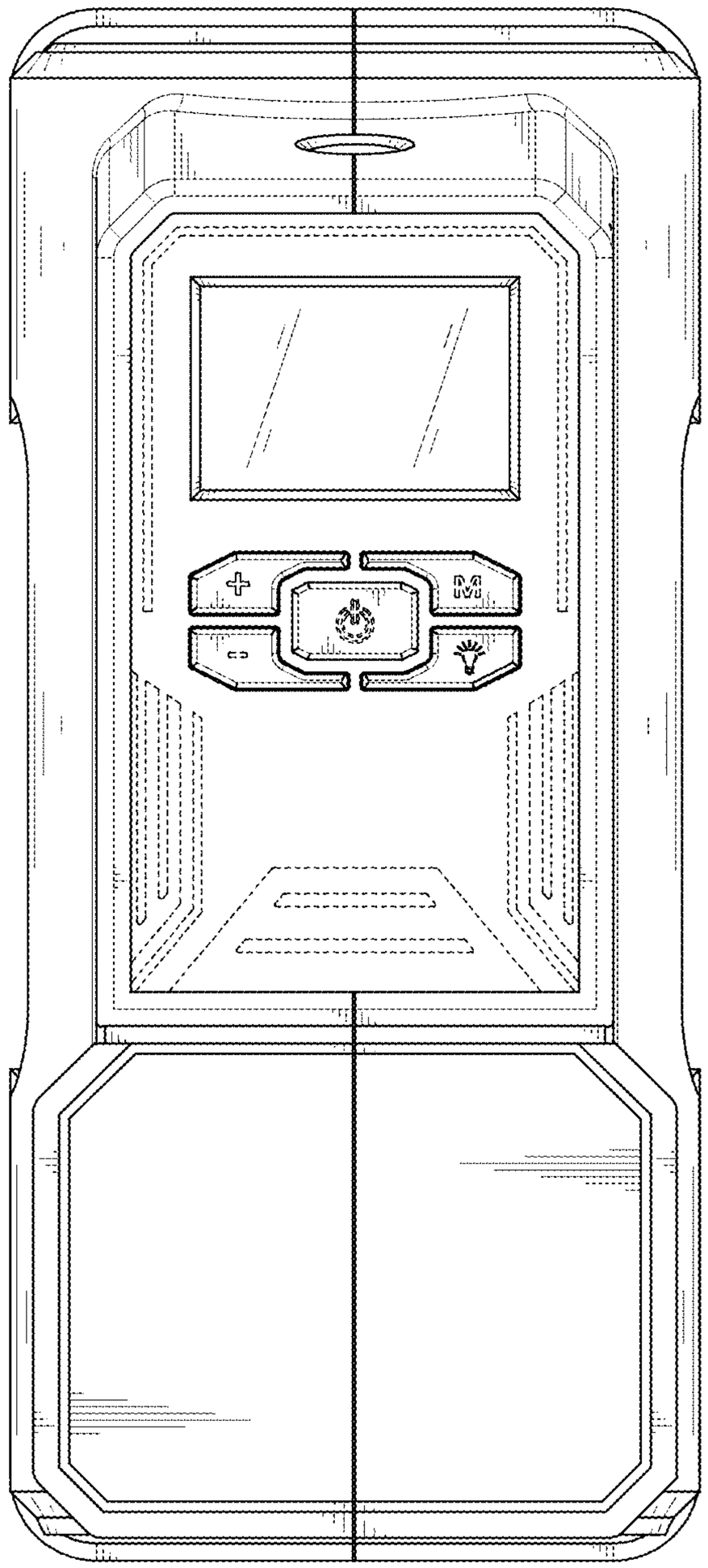


FIG. 3

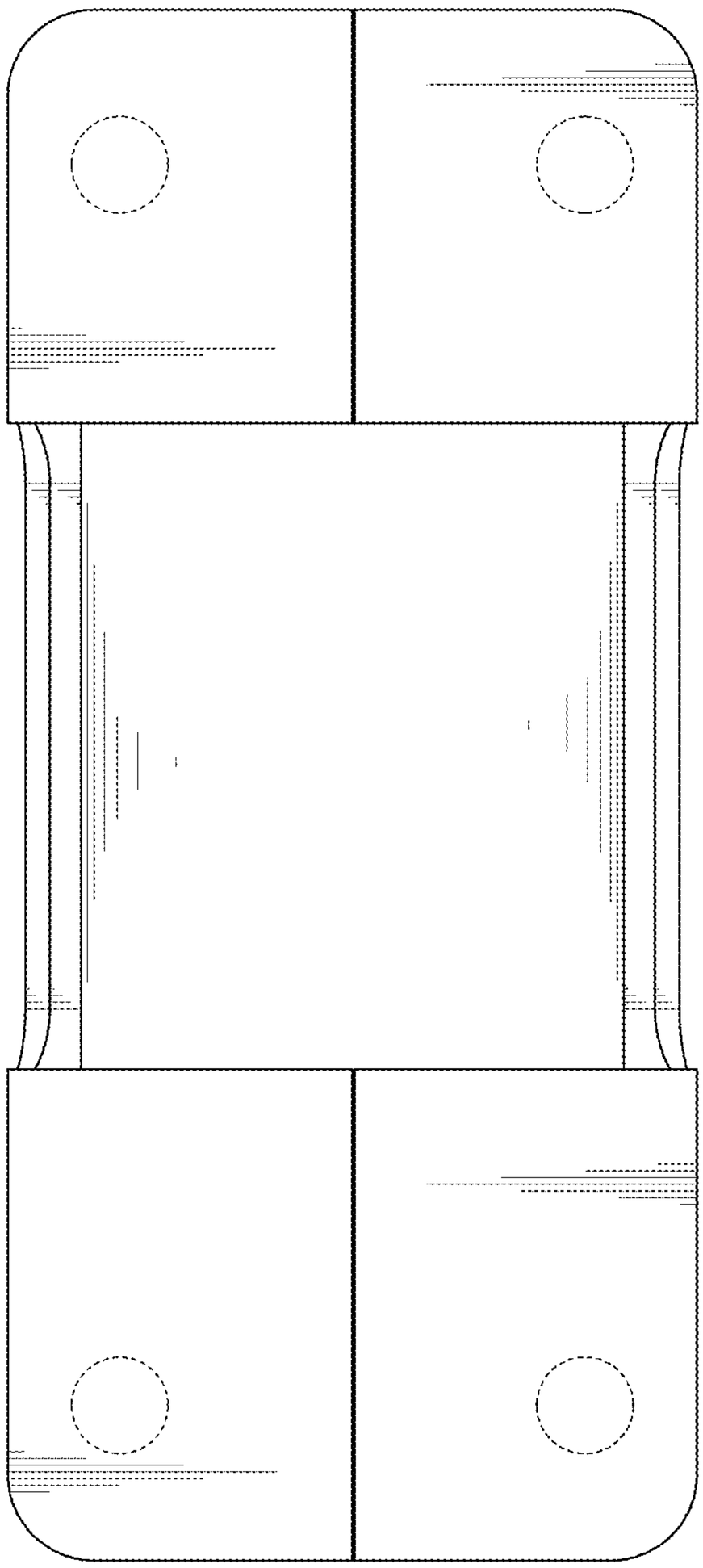


FIG. 4

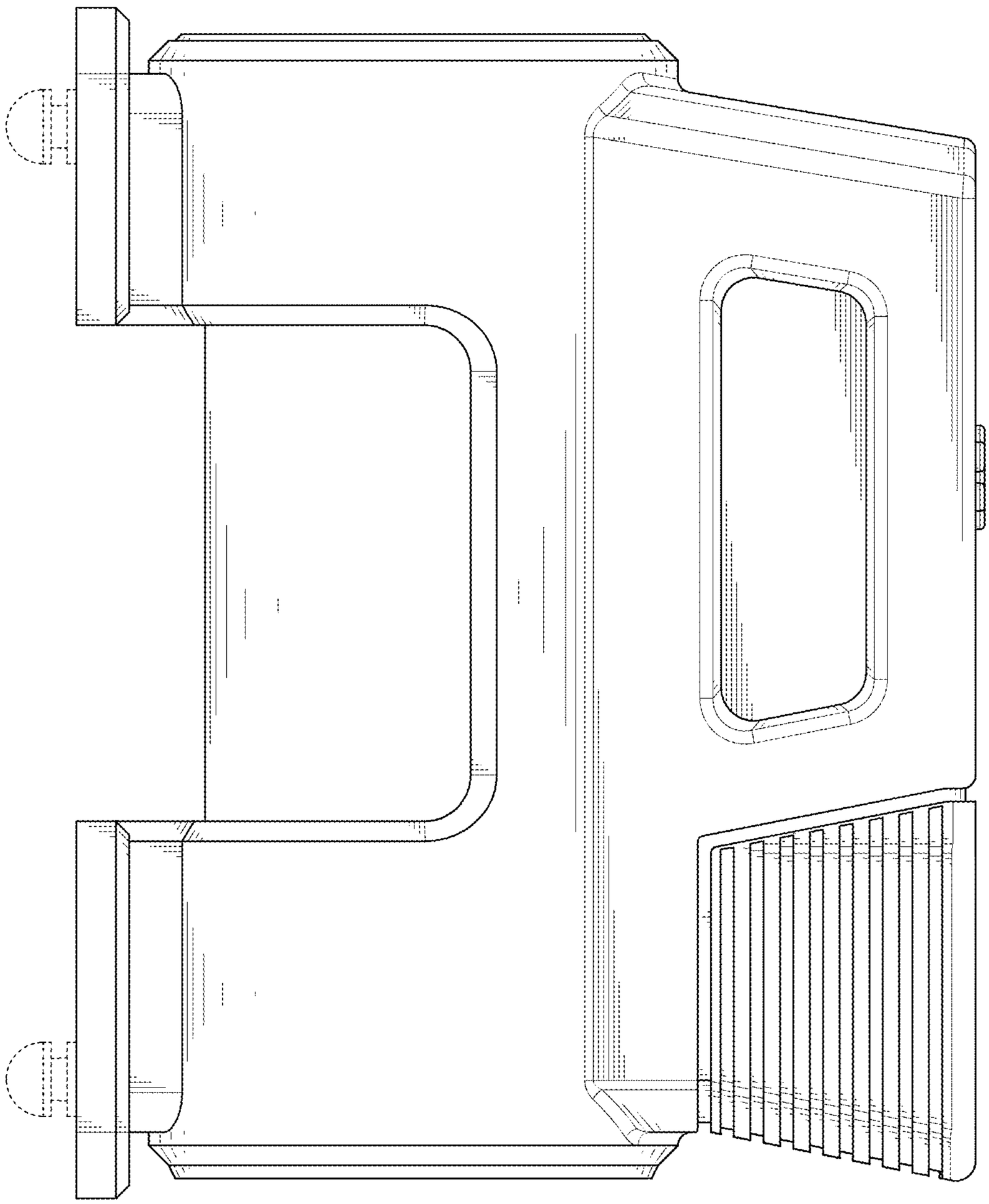


FIG. 5

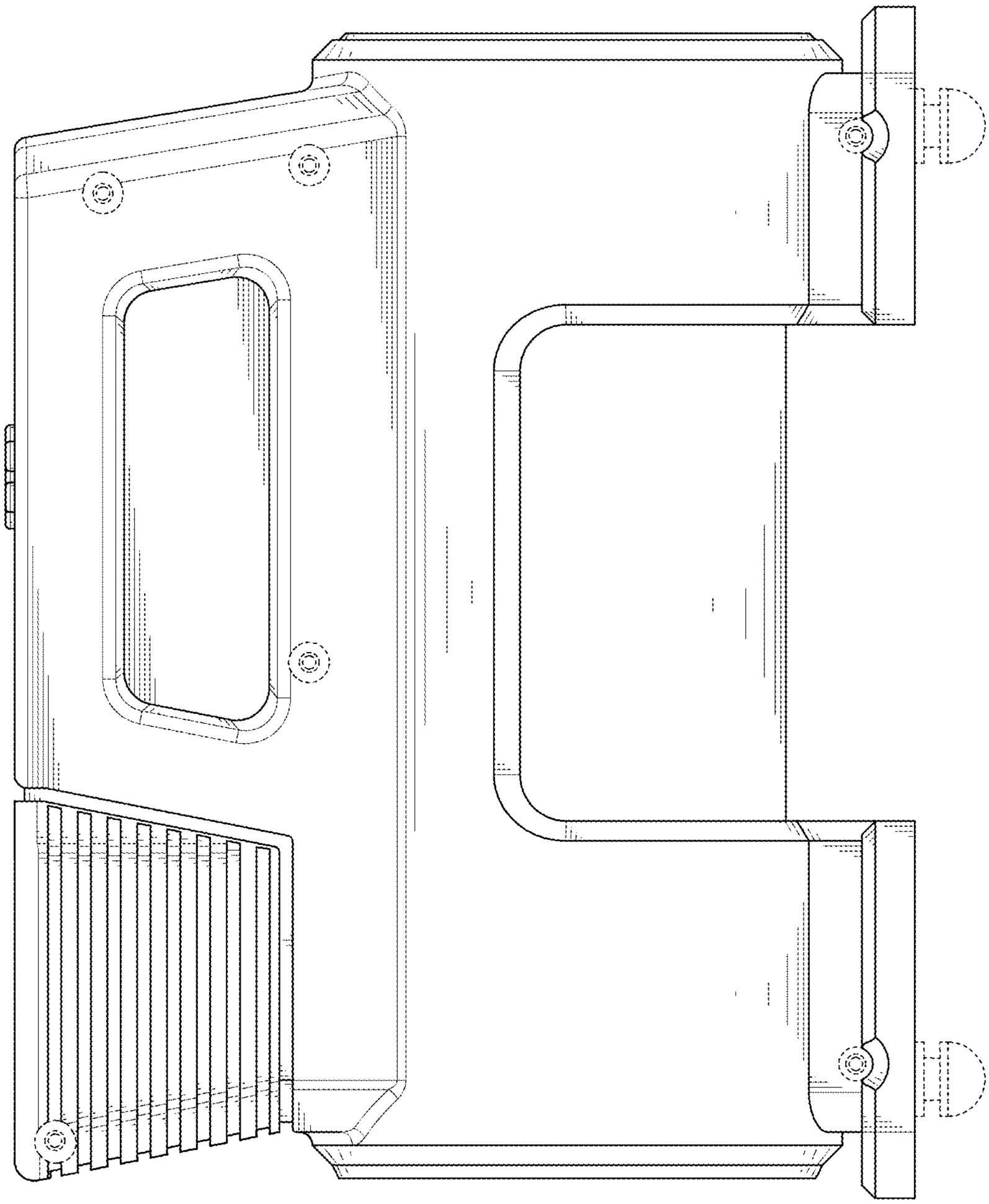


FIG. 6

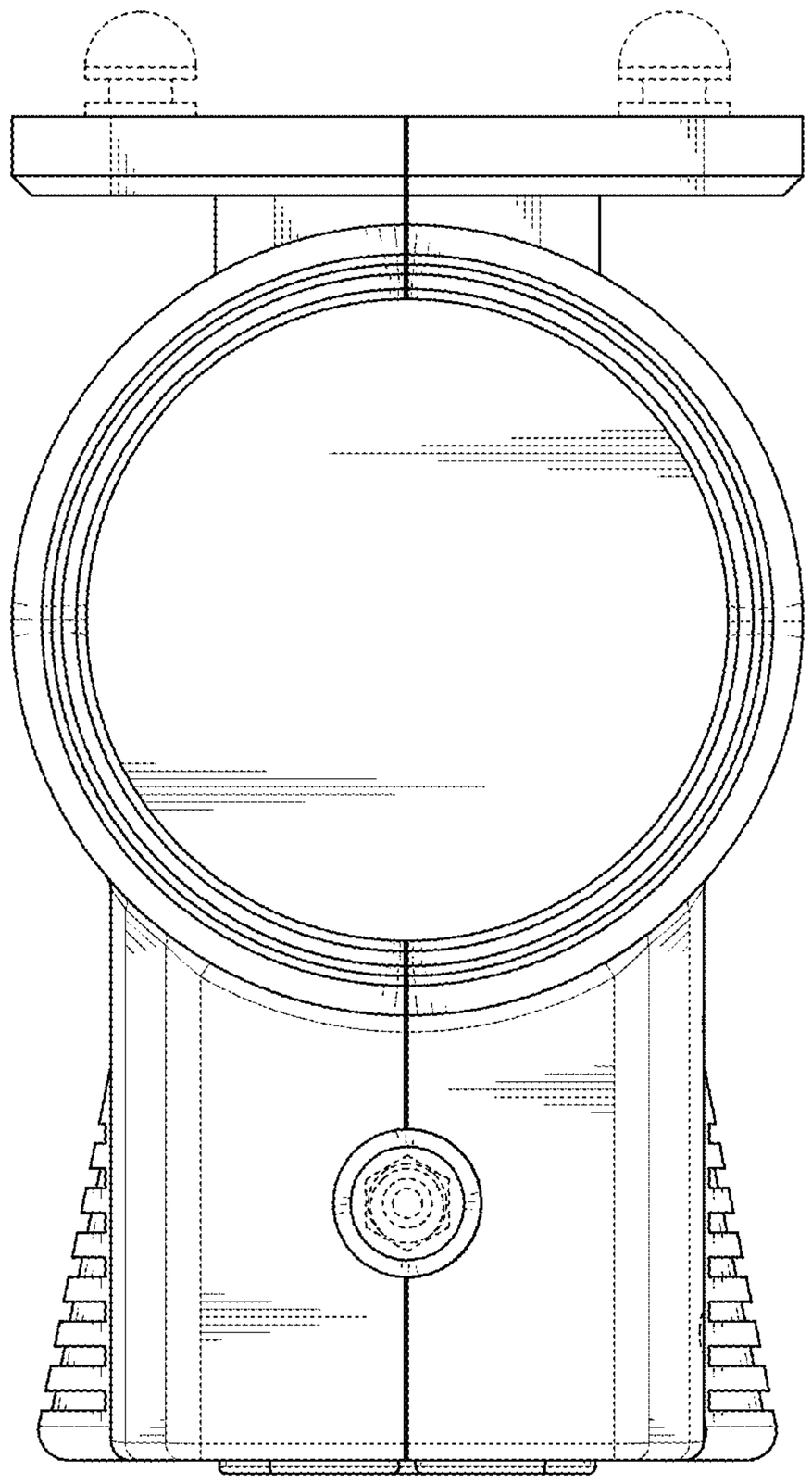


FIG. 7

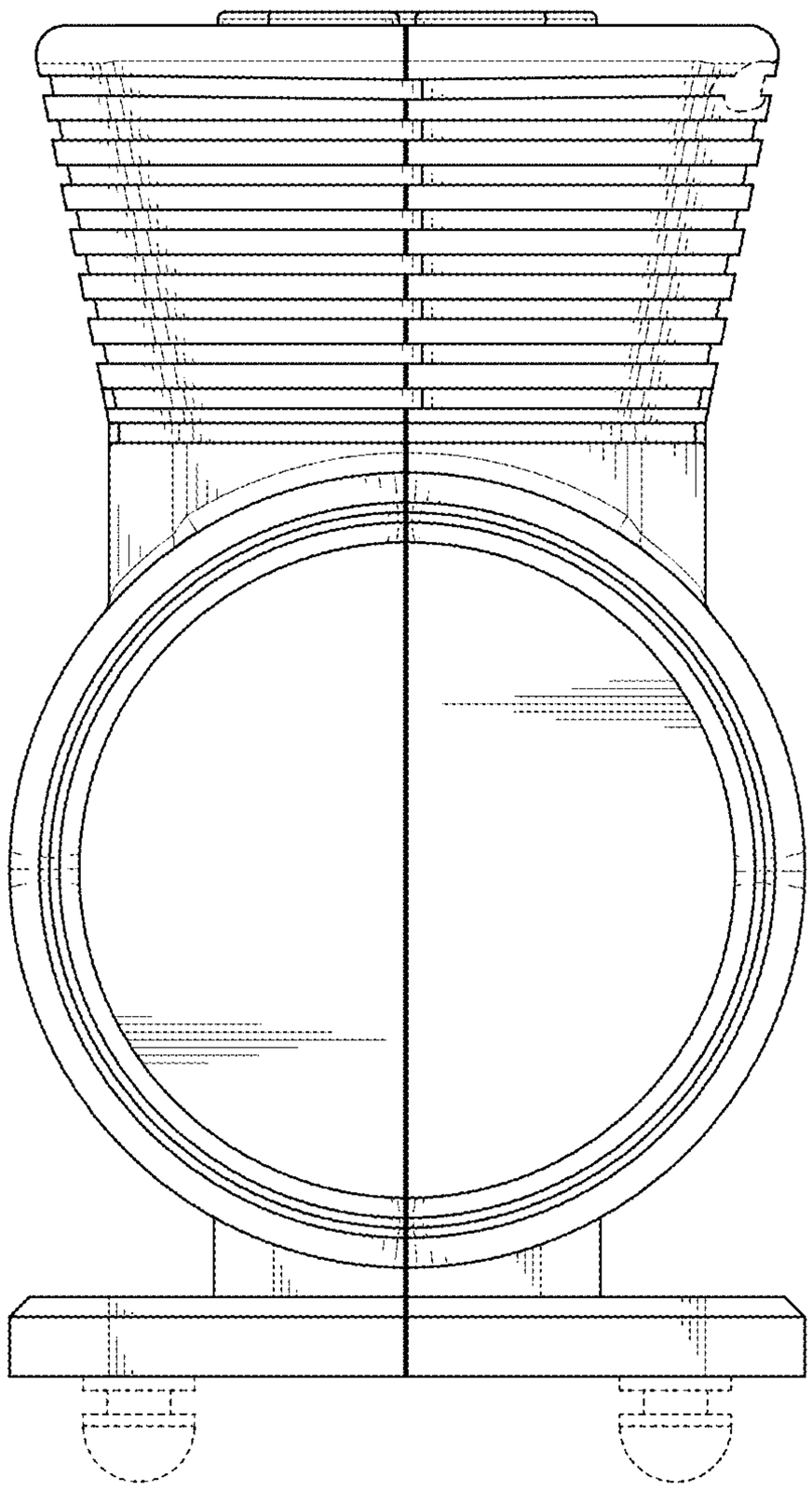


FIG. 8