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(12) **United States Design Patent** (10) **Patent No.:** **US D792,668 S**  
**Yoon et al.** (45) **Date of Patent:** **\*\* Jul. 18, 2017**

(54) **VACUUM CLEANER**

FOREIGN PATENT DOCUMENTS

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

(21) Appl. No.: **29/548,264**

(57) **CLAIM**

(22) Filed: **Dec. 11, 2015**

The ornamental design for a vacuum cleaner, as shown and described.

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Jun. 11, 2015 (KR) ..... 30-2015-0029318

(51) **LOC (10) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/22**

(58) **Field of Classification Search**  
USPC ..... D32/17–18, 22, 31, 34, 45, 50–51;  
D8/374, 323, 325  
CPC ..... A47L 5/24; A47L 5/28; A47L 5/34; A47L  
7/0038; A47L 9/325; A47L 9/02; A47L  
11/34; A47L 11/4086; A47L 13/26; A47L  
13/225; A47L 13/22; B08B 9/0323; A23C  
3/031

See application file for complete search history.

FIG. 1 is a front perspective view of a vacuum cleaner showing our new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left-side elevation view thereof;  
FIG. 5 is a right-side elevation view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof;  
FIG. 8 is a rear perspective view thereof;  
FIG. 9 is an enlarged view of the encircled region in FIG. 4; and,  
FIG. 10 is an enlarged view of the encircled region in FIG. 8.

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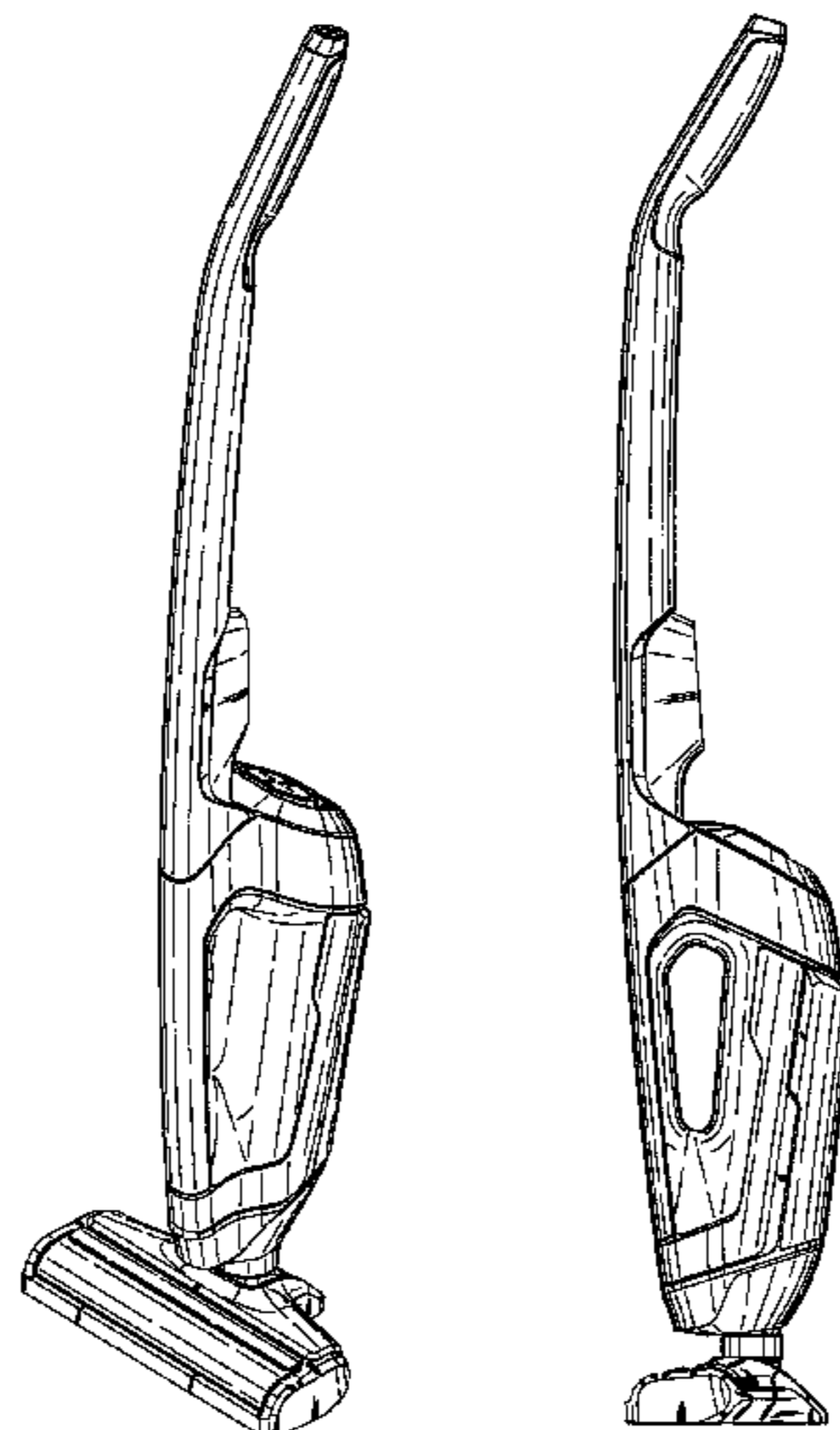
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The dashed broken lines in the drawings illustrate portions of the vacuum cleaner that form no part of the claimed design.  
The dot-dash broken lines in the drawings represent a boundary line that forms no part of the claimed design.  
The dot-dot-dash broken lines in the drawings encircle portions of the claimed design that are illustrated in enlargements and form no part of the claimed design.

(Continued)

**1 Claim, 9 Drawing Sheets**



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FIG. 1

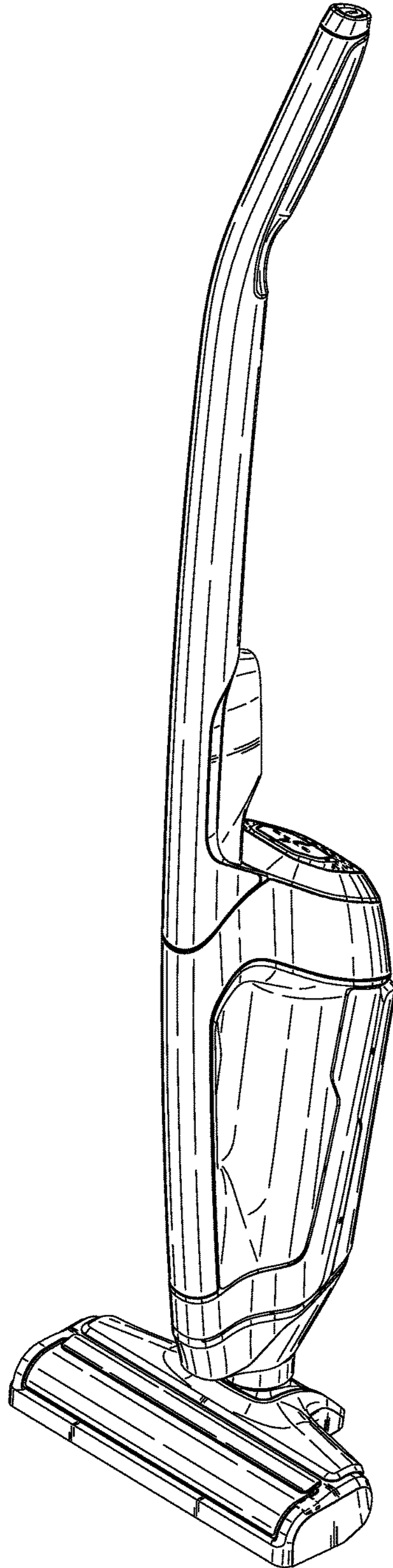


FIG. 2

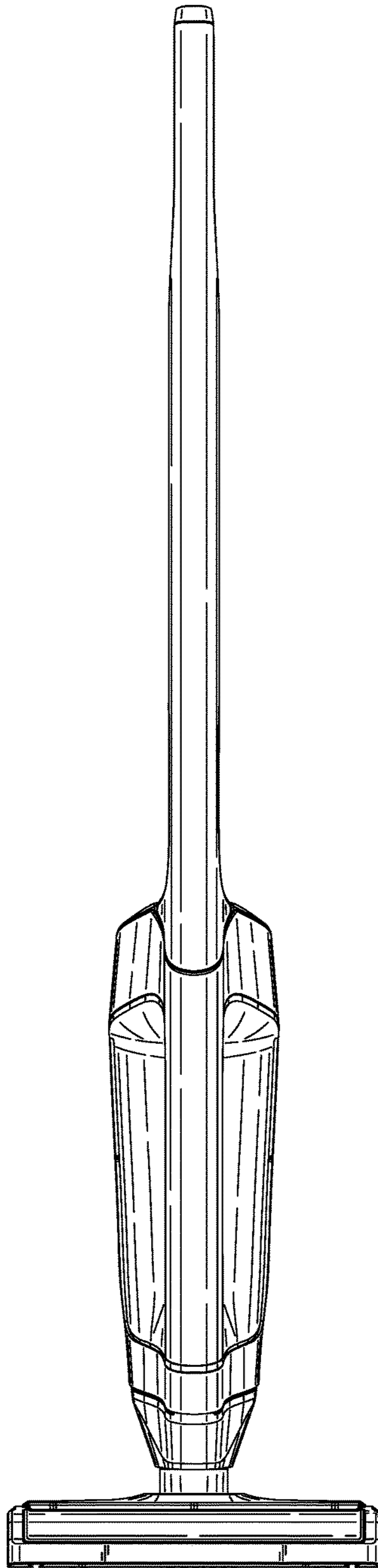


FIG. 3

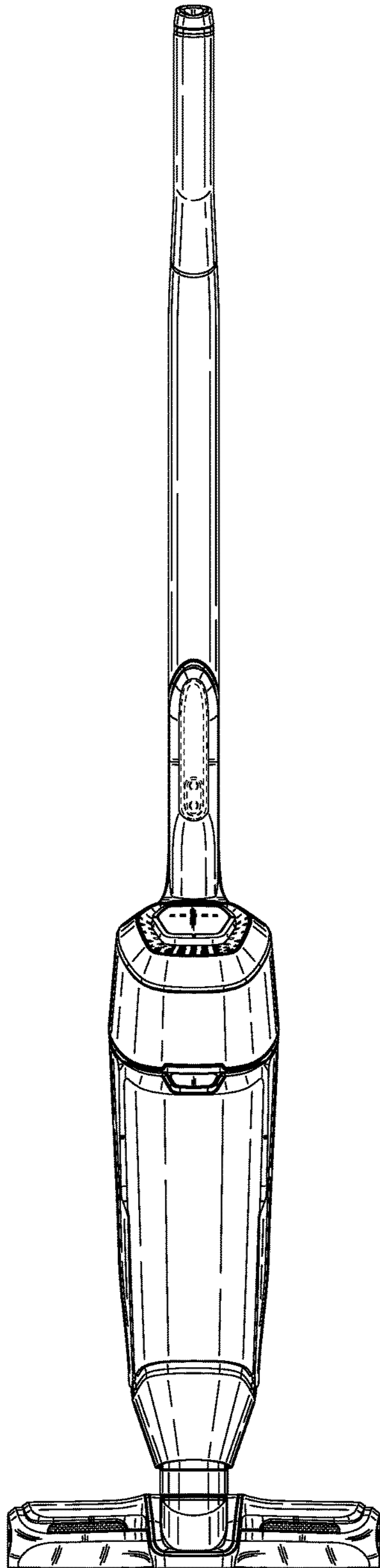


FIG. 4

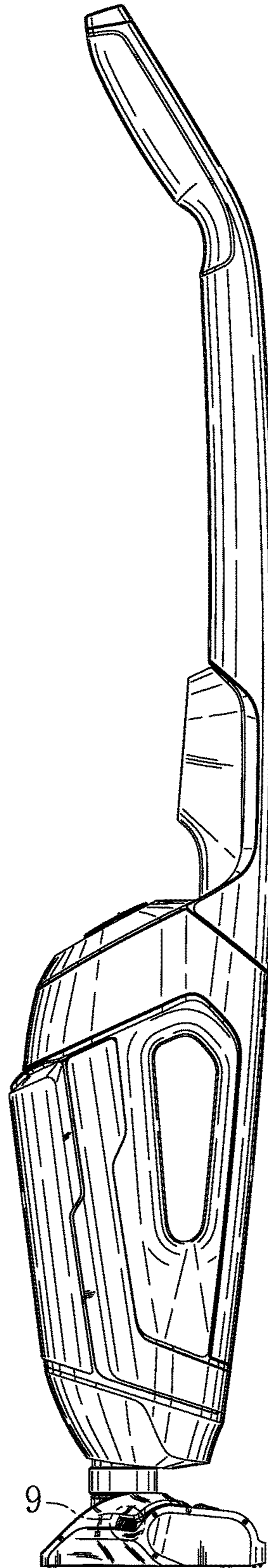


FIG. 5

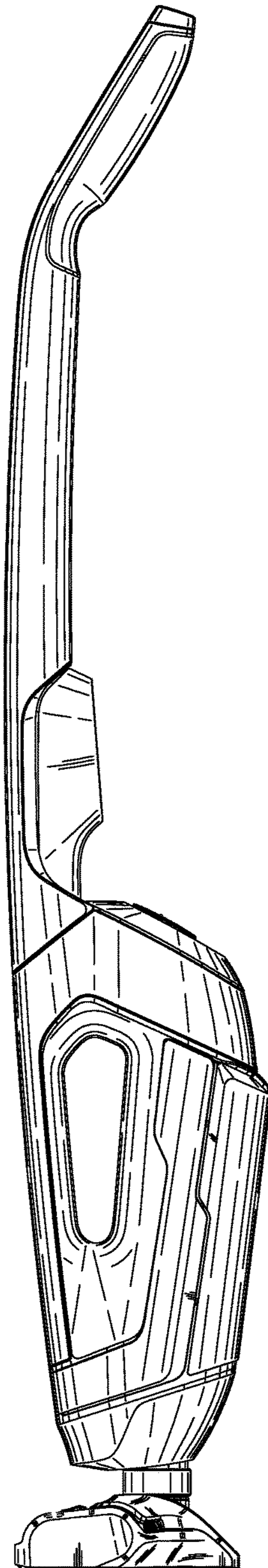


FIG. 6

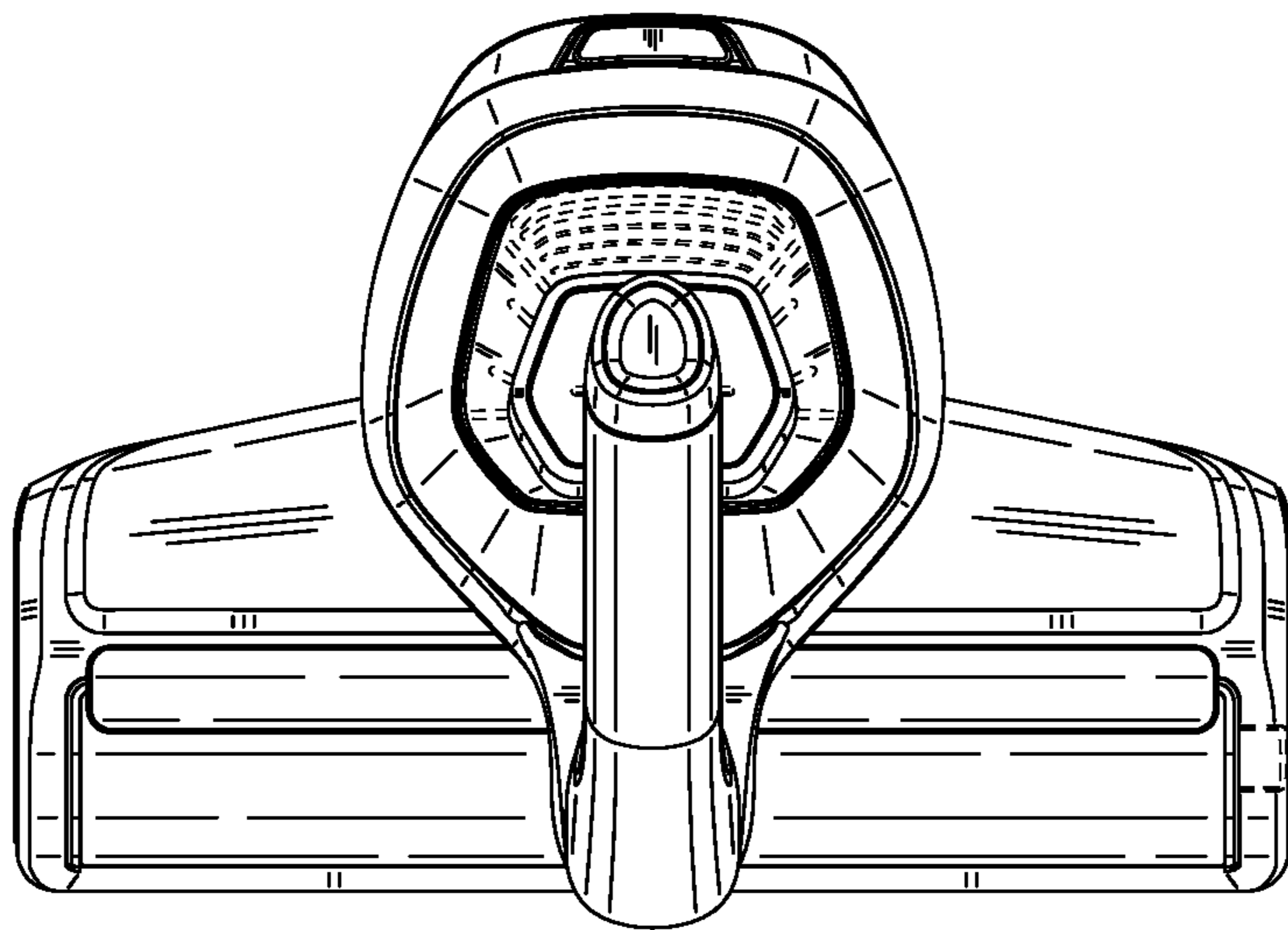




FIG. 7

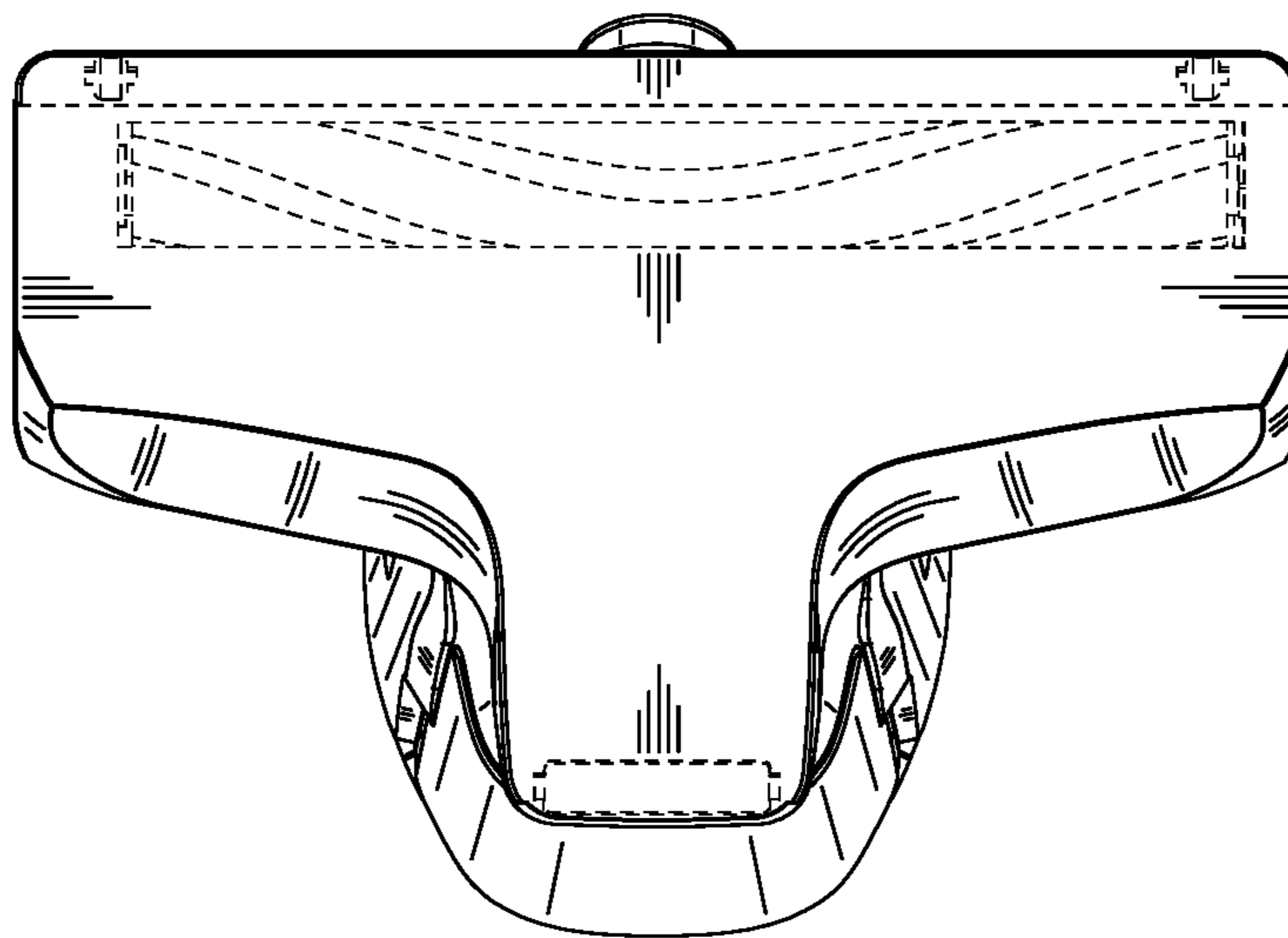


FIG. 8

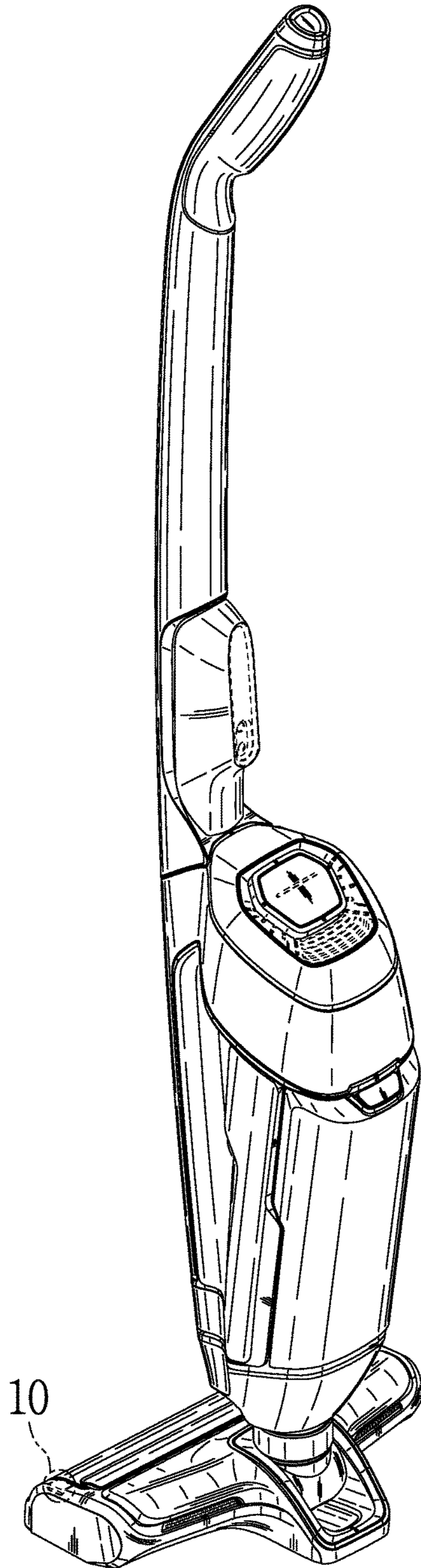


FIG. 9

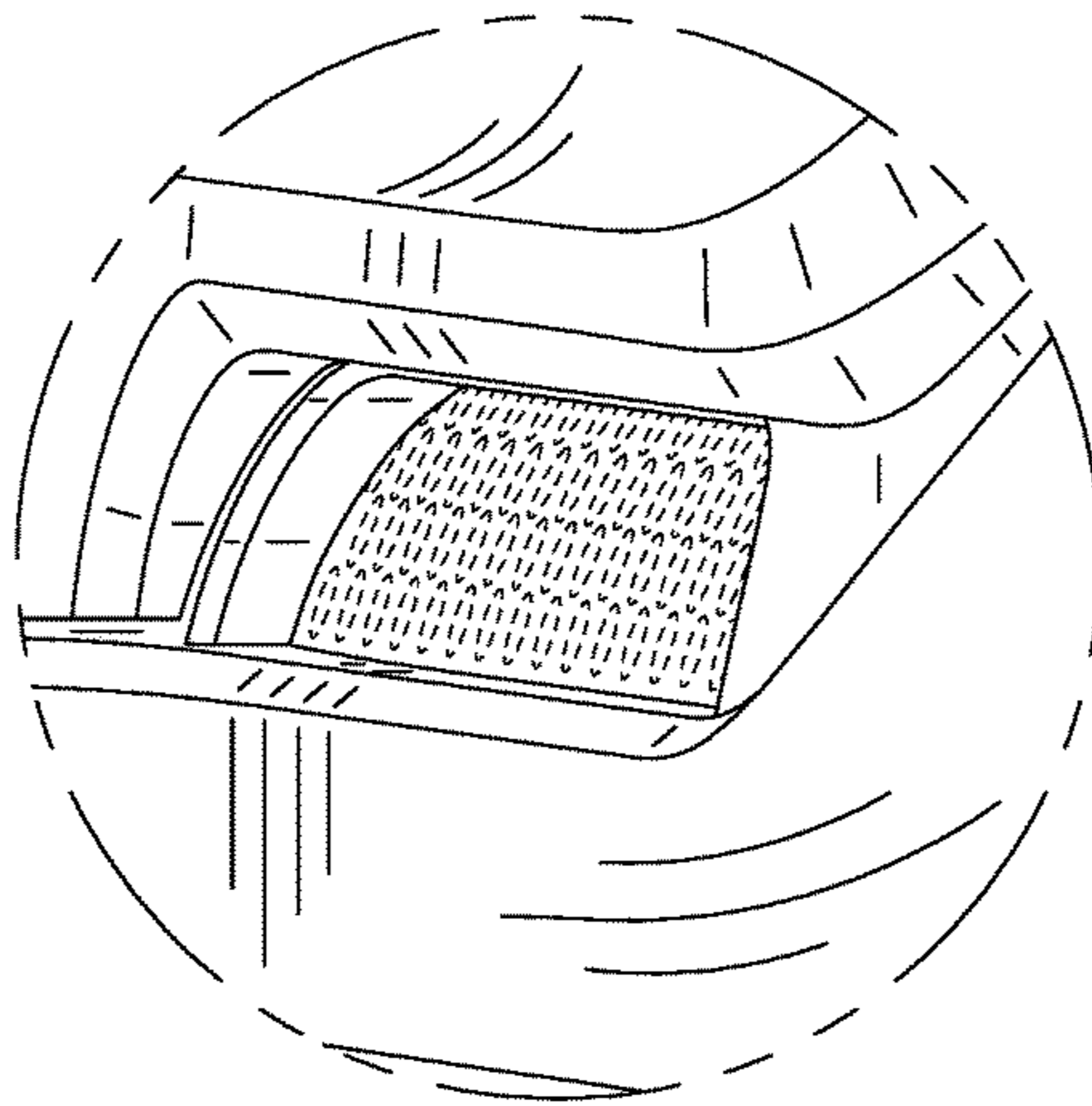


FIG. 10

