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

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(54) **SPIN MOP BRUSH FOR CLEANER**

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

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(52) **U.S. Cl.**  
USPC ..... **D32/33**

(58) **Field of Classification Search**  
USPC ... D32/17, 31-34, 19-20, 22, 25, 40, 45, 50  
CPC . A47L 9/02; A47L 9/04; A47L 9/0461; A47L 9/0472; A47L 5/26; A47L 5/28; A47L 11/4044; A47L 11/4038; A47L 13/20; A47L 13/24; A47L 13/16  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D442,288 S \* 5/2001 Bloor ..... D32/19  
7,025,835 B2 \* 4/2006 Pedlar ..... A47L 11/305  
134/21  
D537,993 S \* 3/2007 Deleo ..... D32/25  
7,640,626 B2 \* 1/2010 Oh ..... A47L 9/0472  
15/321  
7,743,462 B2 \* 6/2010 Yoo ..... A47L 9/04  
15/375

8,407,845 B2 \* 4/2013 Yu ..... A47L 13/14  
15/119.1  
D707,410 S \* 6/2014 Jaeyoul ..... D32/31  
D795,518 S \* 8/2017 Chung ..... D32/45  
D838,420 S \* 1/2019 Khubani ..... D32/38  
D850,037 S \* 5/2019 Szymanski ..... D32/20  
D855,271 S \* 7/2019 Liang ..... D32/50  
D866,898 S \* 11/2019 Tao ..... D32/50  
2018/0035858 A1 \* 2/2018 Jung ..... A47L 5/24  
2018/0235425 A1 \* 8/2018 Ding ..... A47L 13/256

**FOREIGN PATENT DOCUMENTS**

CN 303912575 11/2016  
CN 303933204 11/2016  
KR 300554987 3/2010  
KR 300788166 3/2015

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a spin mop brush for cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a spin mop brush for cleaner, showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left-side view thereof;  
FIG. 5 is a right-side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is a rear perspective view thereof;  
FIG. 9 is a bottom perspective view thereof; and,  
FIG. 10 is a perspective view thereof shown in an alternate environment.  
The details shown in broken lines form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**

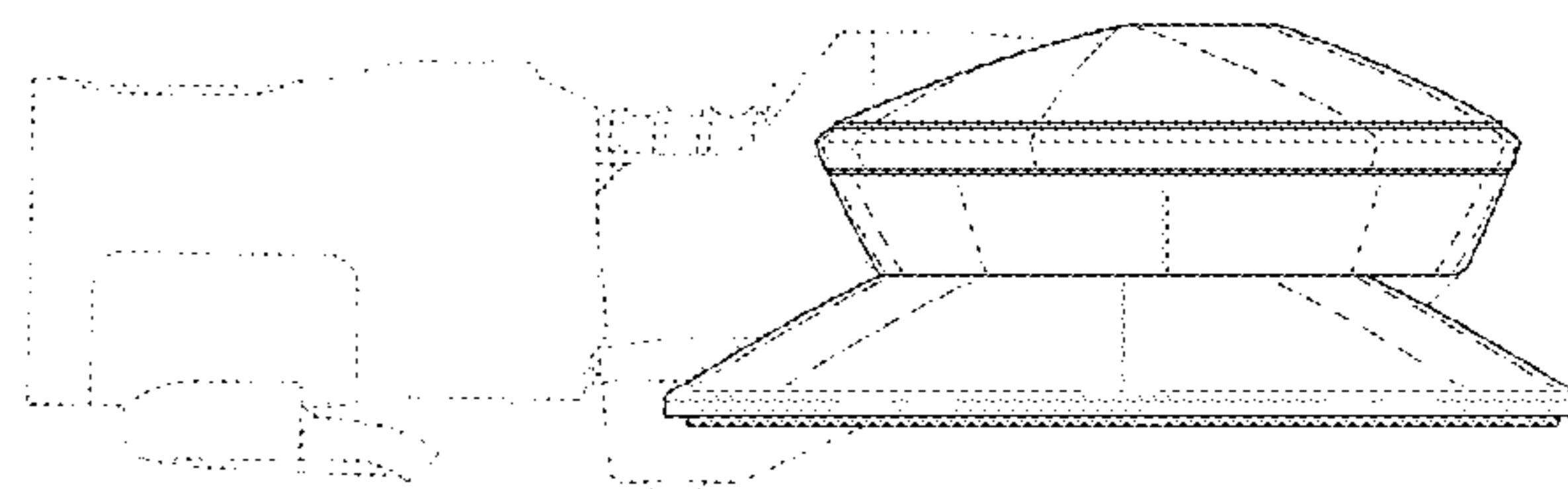
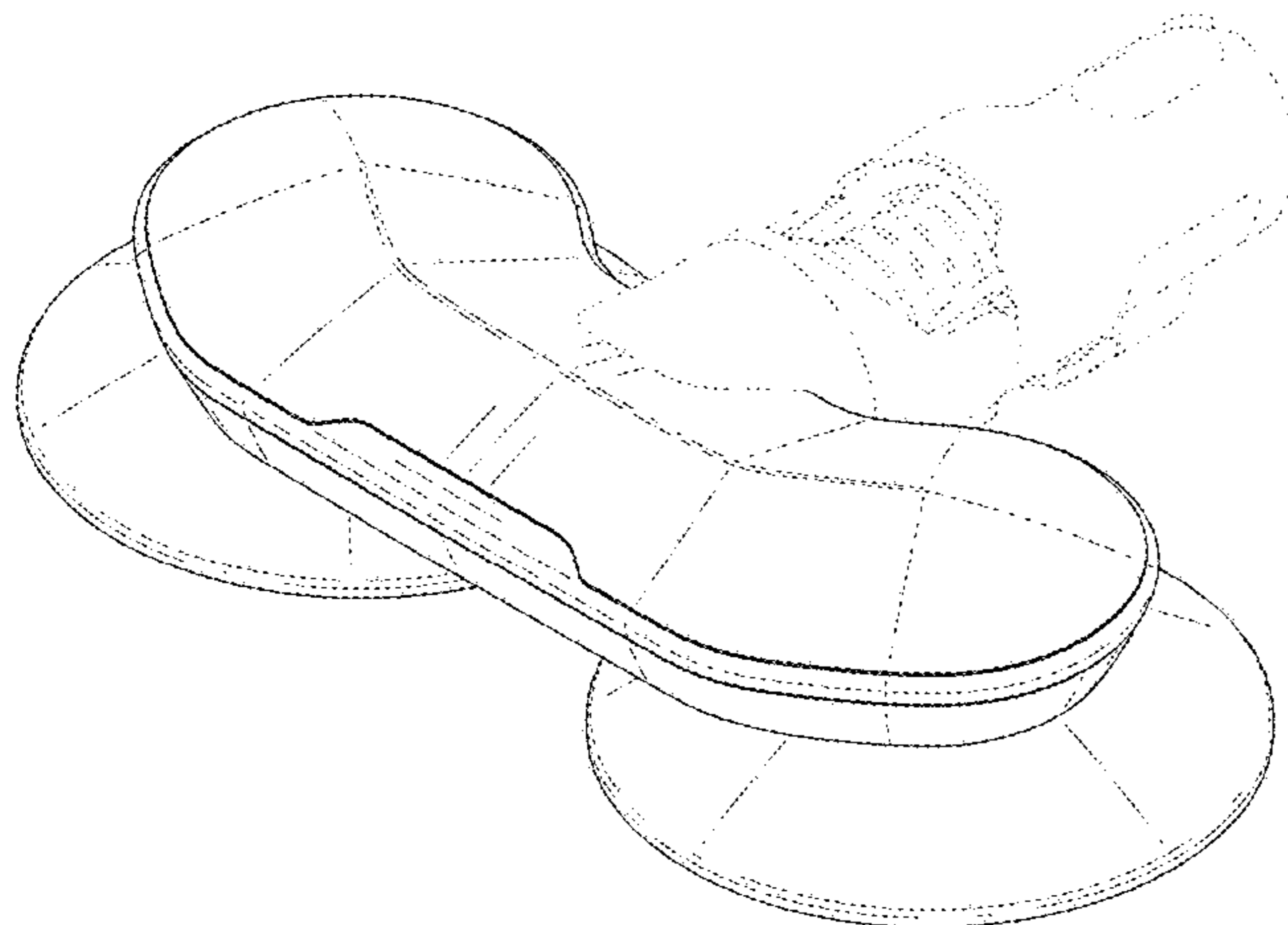


FIG. 1

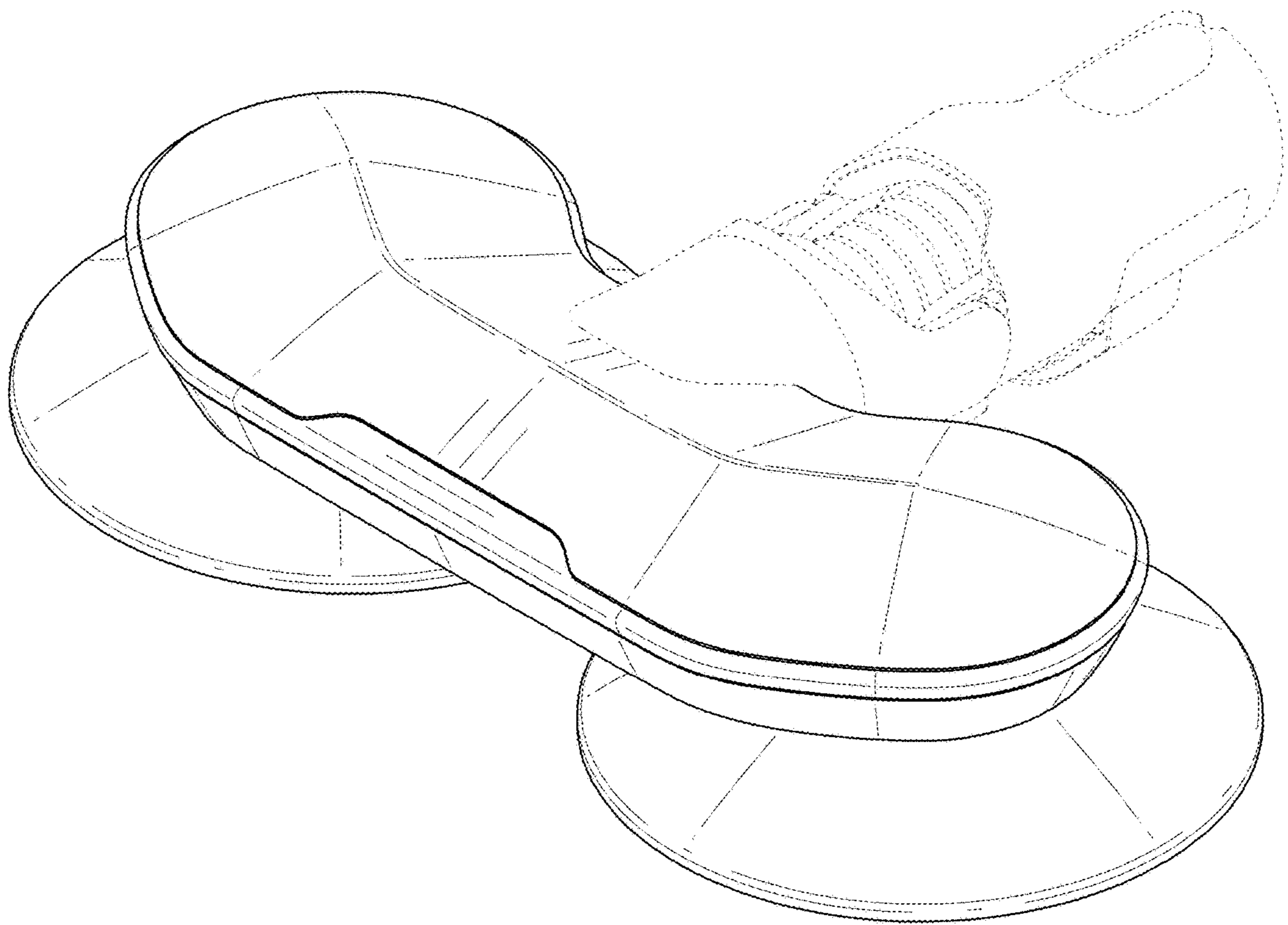


FIG. 2

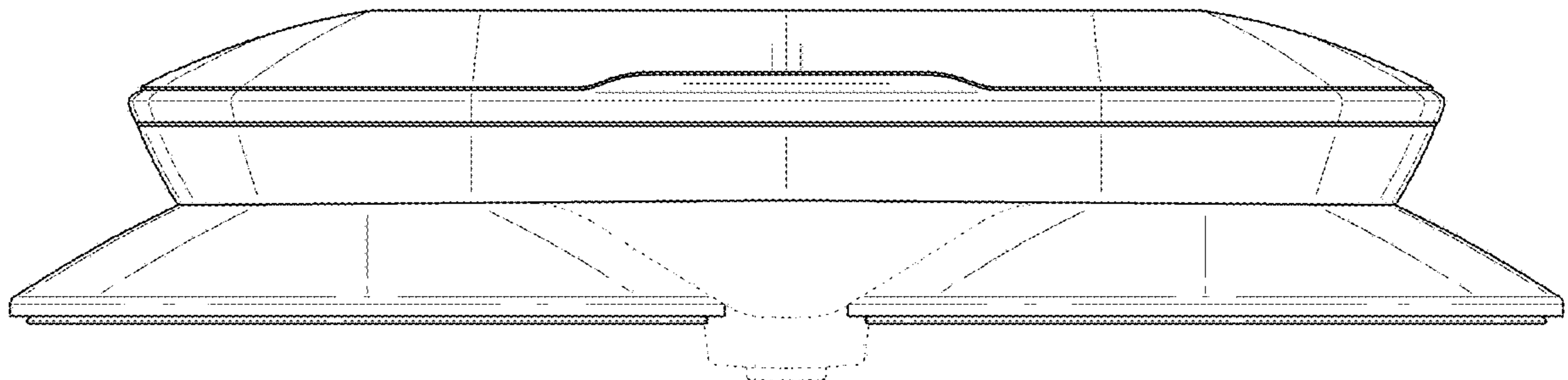


FIG. 3

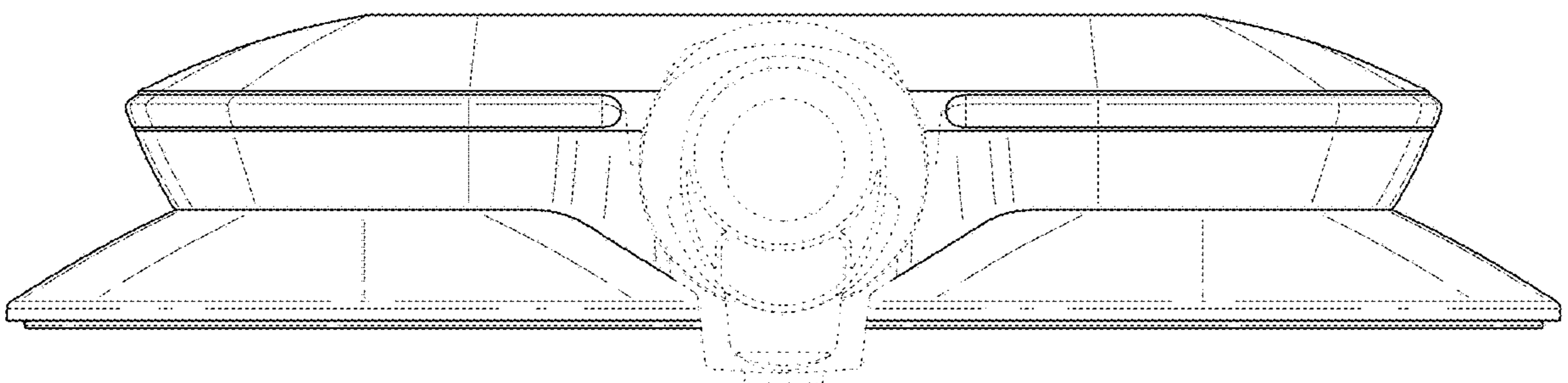


FIG. 4

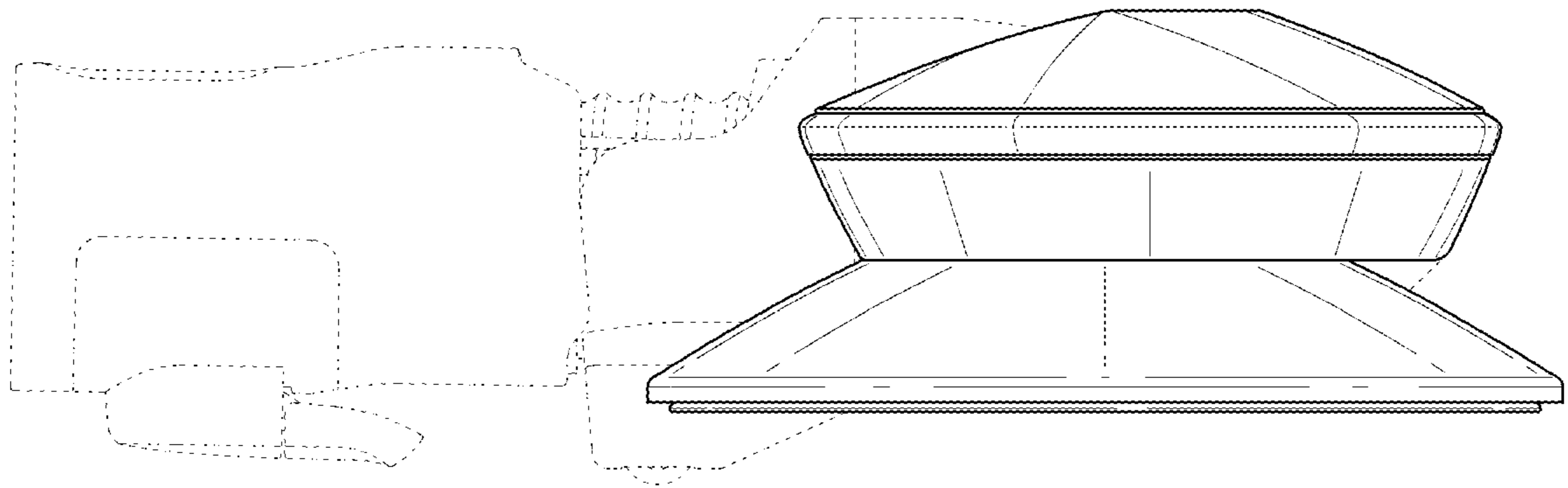


FIG. 5

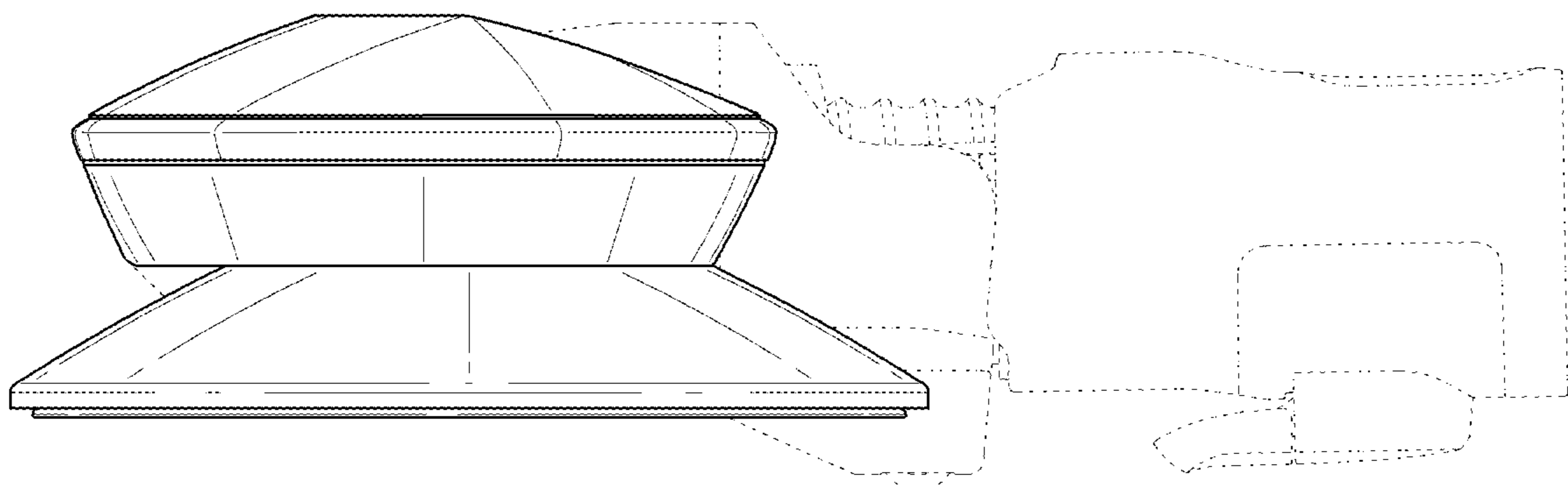


FIG. 6

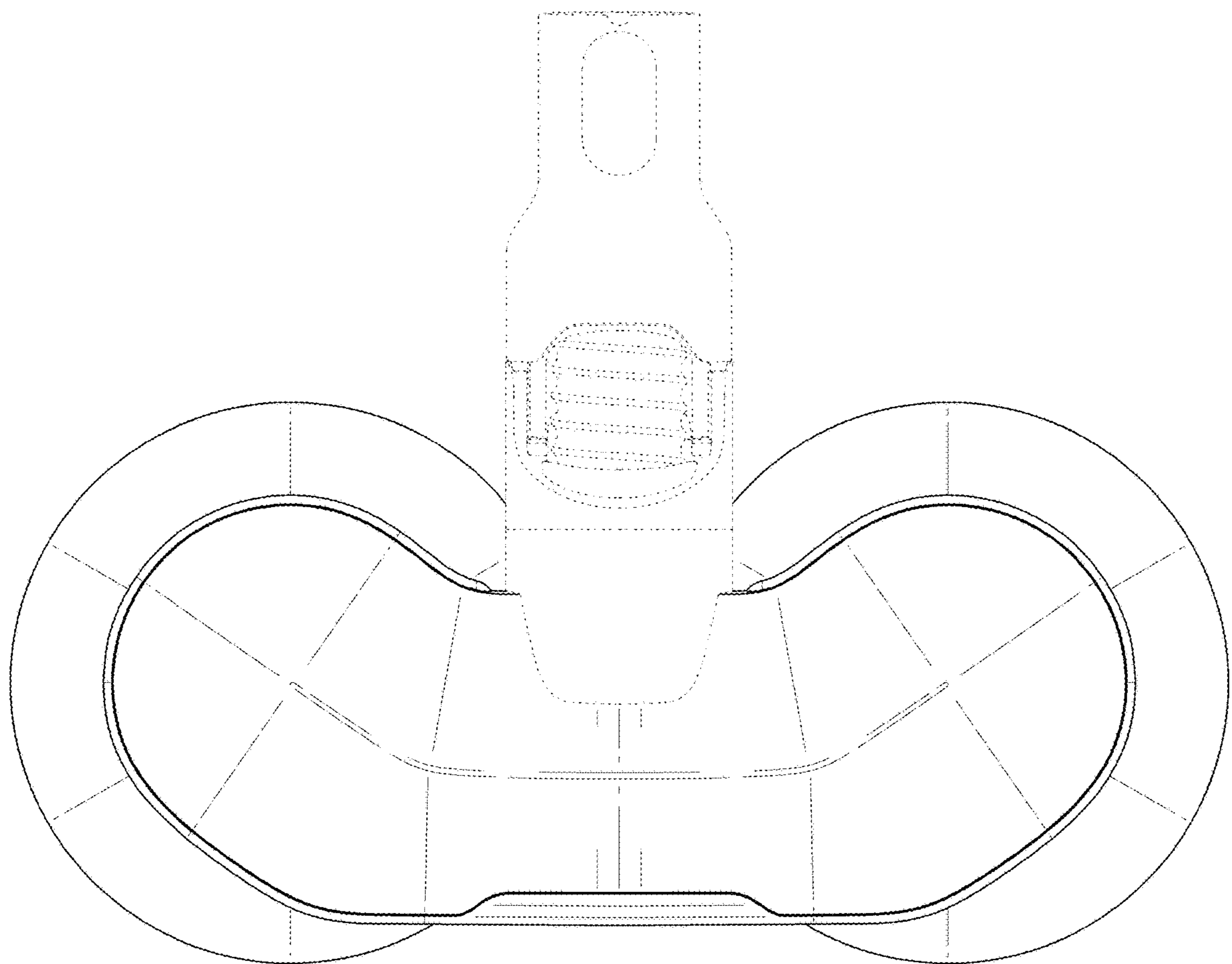




FIG. 7

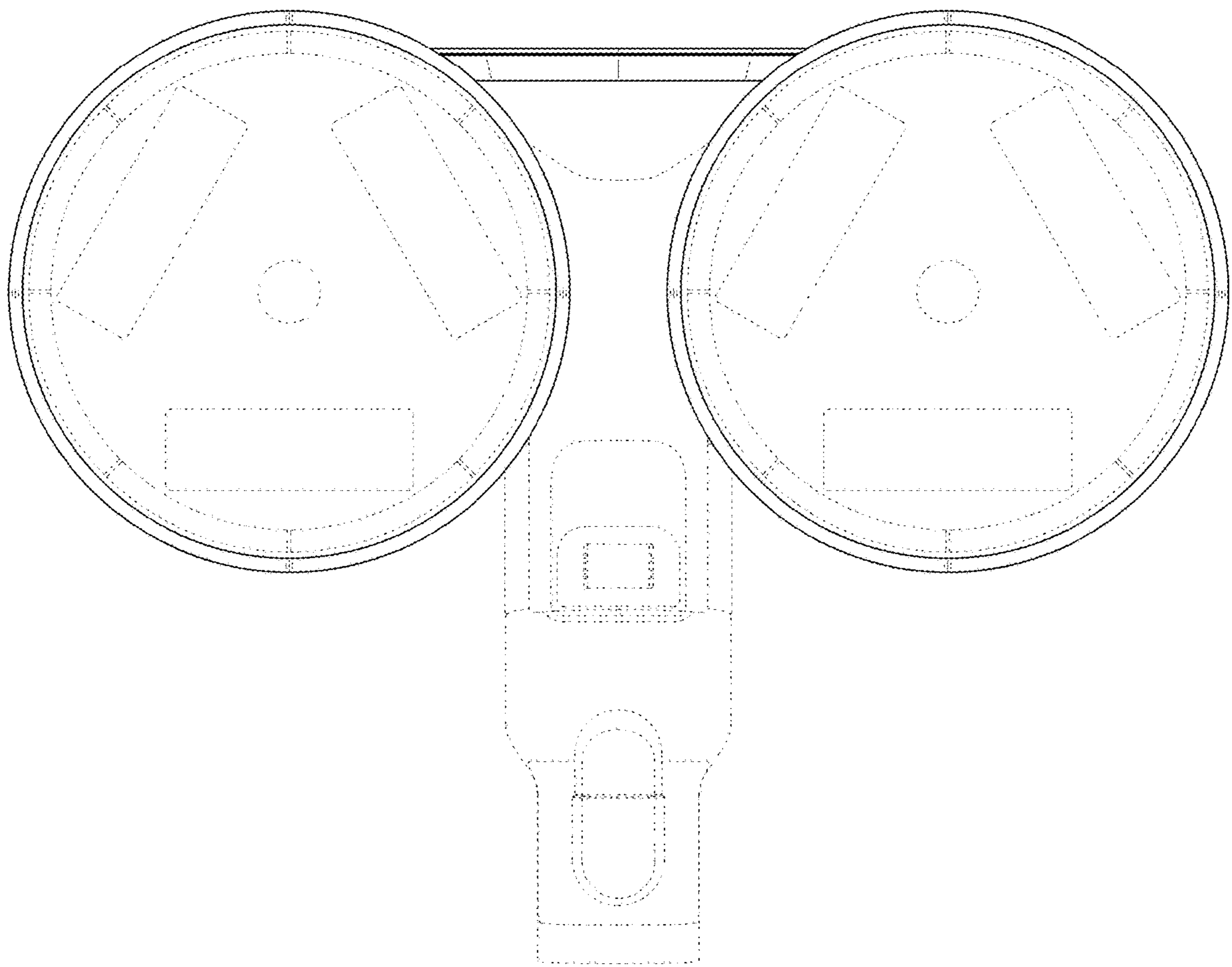


FIG. 8

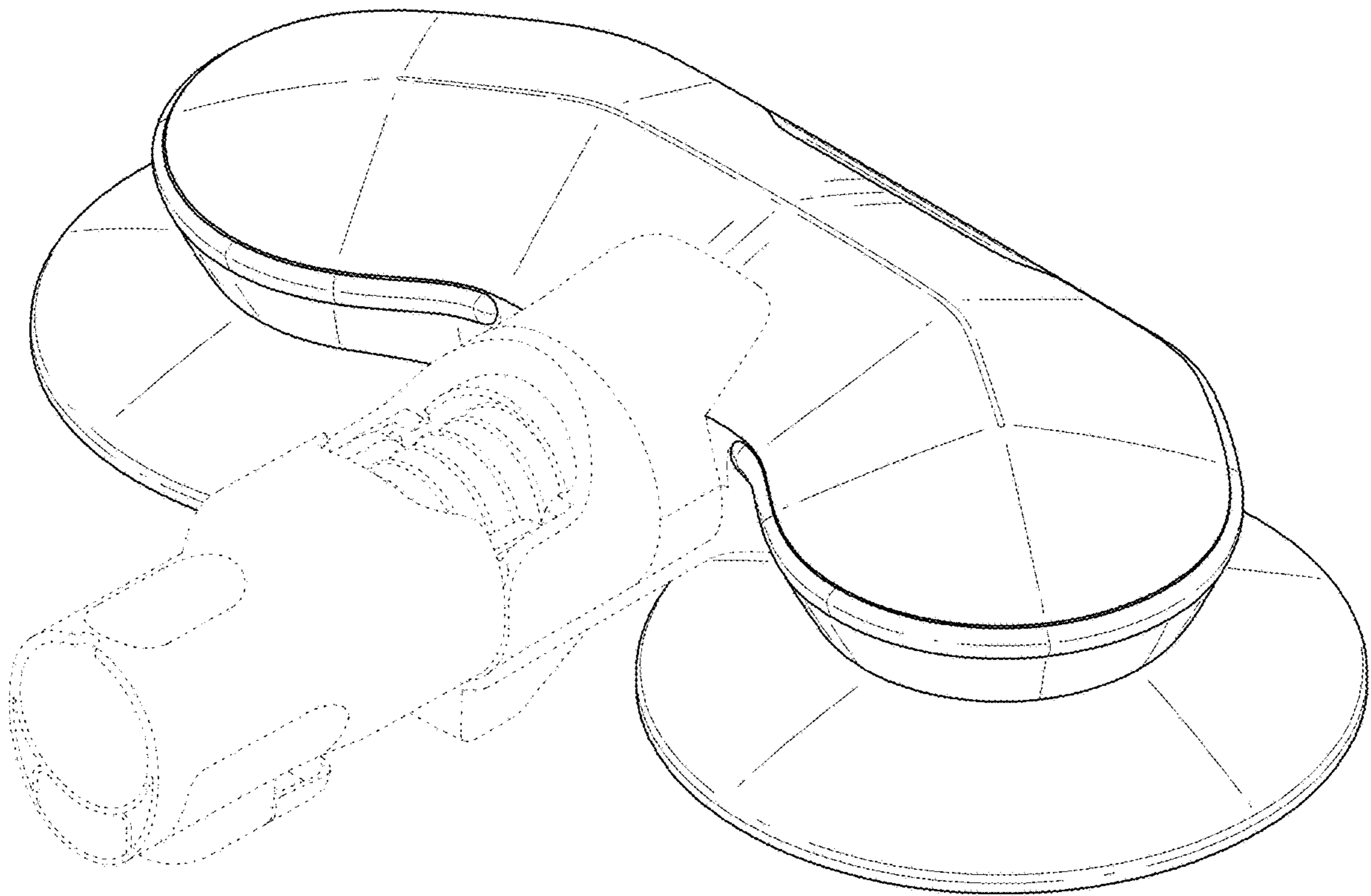


FIG. 9

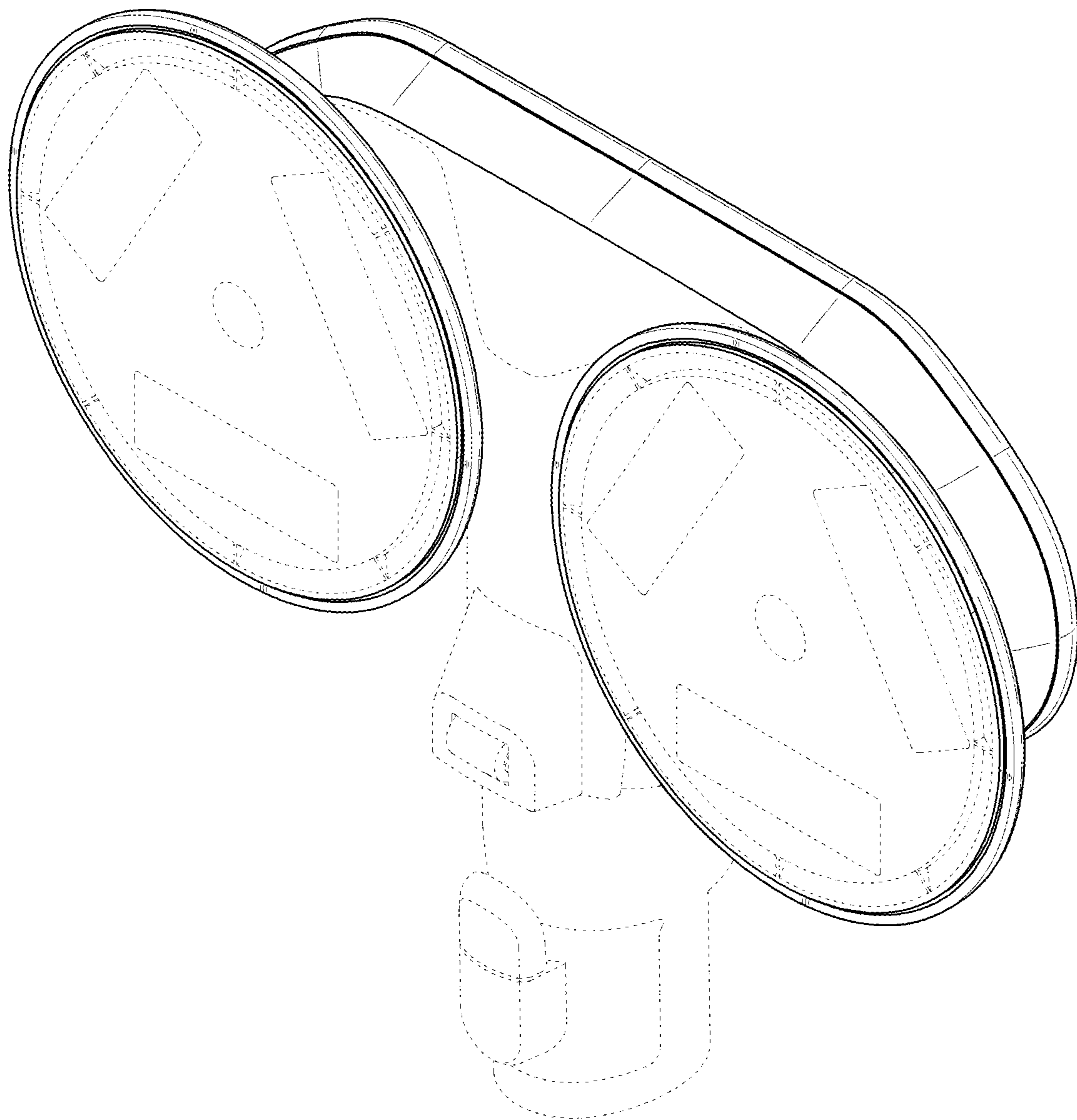




FIG. 10

