

US00D860627S

(12) **United States Design Patent** (10) **Patent No.:** **US D860,627 S**
Ritter et al. (45) **Date of Patent:** **** *Sep. 24, 2019**

(54) **HINGED WALKING CANE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Medline Industries, Inc.**, Northfield, IL (US)

CN 201210910 Y 3/2009
CN 201617272 U 11/2010

(Continued)

(72) Inventors: **Joseph Ritter**, Arlington Heights, IL (US); **Megan Gilligan**, Chicago, IL (US); **Gregory J. Foster**, Chicago, IL (US); **Robert W. Sheldon**, Winnetka, IL (US)

OTHER PUBLICATIONS

“HurryCane® Freedom Edition™”, HurryWorks LLC product currently available at <https://www.hurrycane.com/collections/hurrycane/products/hurrycane-freedom-edition>; presently believed to be publicly available at least as of Dec. 1, 2017.

(Continued)

(73) Assignee: **Medline Industries, Inc.**, Northfield, IL (US)

(*) Notice: This patent is subject to a terminal disclaimer.

Primary Examiner — John Windmuller

Assistant Examiner — Steven J Czyz

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

(74) *Attorney, Agent, or Firm* — Fitch, Even, Tabin & Flannery LLP

(21) Appl. No.: **29/632,267**

(22) Filed: **Jan. 5, 2018**

(57) **CLAIM**

(51) **LOC (12) Cl.** **03-01**

The ornamental design for a hinged walking cane, as shown and described.

(52) **U.S. Cl.**

USPC **D3/7**

(58) **Field of Classification Search**

USPC D3/5, 6, 7, 8, 9, 10, 12
CPC A45B 9/00; A45B 9/02; A45B 9/04; A45B 2009/005; A45B 2009/007; A45B 2200/05

See application file for complete search history.

DESCRIPTION

FIG. 1 is a front perspective view of a hinged walking cane showing our new design;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a front elevation view thereof;
FIG. 6 is a left side elevation view thereof;
FIG. 7 is a rear elevation view thereof;
FIG. 8 is a right side elevation view thereof;
FIG. 9 is an enlarged view of the hinged walking cane, taken from the circled portion “9” in FIG. 1; and,
FIG. 10 is an enlarged view of the hinged walking cane, taken from the circled portion “10” in FIG. 2.
The broken lines depict portions of the article that form no part of the claimed design.

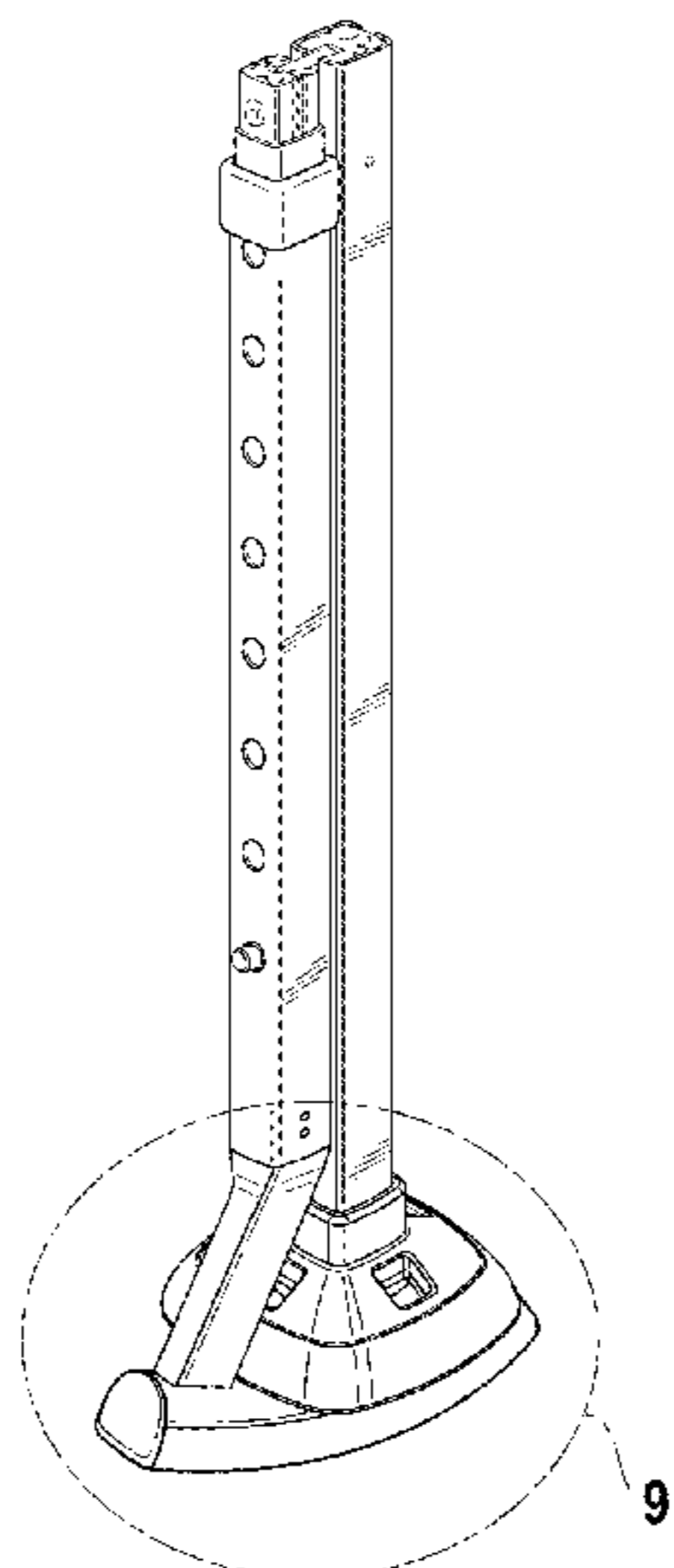
(56) **References Cited**

U.S. PATENT DOCUMENTS

911,636 A	2/1909	Whitlock	
1,396,372 A *	11/1921	Kutwicz	A45B 9/00 135/65
2,409,452 A *	10/1946	Stone	A45B 9/00 403/99
3,516,697 A	6/1970	Hahn	
3,669,133 A *	6/1972	Hyman	A45B 9/00 135/74

(Continued)

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,437,480 A 3/1984 Husa
 4,527,579 A * 7/1985 Knotter A45B 9/00
 135/74
 4,616,668 A * 10/1986 Battiston A45B 9/00
 135/75
 4,834,127 A * 5/1989 Van Sice A45B 9/02
 135/72
 5,139,283 A 8/1992 Dow
 5,771,910 A 6/1998 Kluttz
 5,788,608 A 8/1998 Wilkinson
 D408,126 S * 4/1999 Hunnicutt, Jr. D3/7
 6,131,593 A 10/2000 Greene
 D441,950 S * 5/2001 Suen D3/7
 6,341,614 B1 * 1/2002 Tucker A45B 3/00
 135/66
 7,003,849 B2 2/2006 Cohen
 D552,245 S * 10/2007 Davis D24/188
 D552,340 S * 10/2007 Graves D3/7
 D555,350 S * 11/2007 Graves D3/7
 7,434,592 B2 10/2008 Larson
 7,841,353 B2 * 11/2010 Lee A45B 9/00
 135/74
 D663,942 S * 7/2012 Martin D3/7
 D693,565 S * 11/2013 Chan D3/7
 D697,300 S * 1/2014 Alsaffar D3/7
 D722,762 S * 2/2015 Kroeker D3/12
 8,985,130 B2 3/2015 Howarth
 9,386,830 B2 * 7/2016 Crowhurst A45B 9/00
 9,456,671 B2 10/2016 Crowhurst
 9,596,912 B2 * 3/2017 Sacks A45B 1/04
 D783,267 S * 4/2017 Birnbaum D3/12
 9,609,925 B2 * 4/2017 Lenhart A45B 9/00
 9,655,418 B2 * 5/2017 Chien A45C 9/00
 D789,073 S * 6/2017 Wu D3/9
 D821,085 S * 6/2018 Ritter D3/8

10,137,051 B2 11/2018 Ritter
 2015/0374082 A1 12/2015 Austin
 2016/0262506 A1 9/2016 Sacks
 2017/0277021 A1 9/2017 Sultan

FOREIGN PATENT DOCUMENTS

CN 201657882 U 12/2010
 CN 204467178 U 7/2015
 GB 2319724 A 6/1998
 JP 2006081632 A 3/2006
 JP 2010124920 A 6/2010
 KR 20140102917 A 8/2014
 KR 1020140102917 A 8/2014
 WO 2016061364 A1 4/2016

OTHER PUBLICATIONS

“HurryCane® Go™”, HurryWorks LLC product currently available at <https://www.hurricane.com/collections/hurricane/products/hurricane-go>; presently believed to be publicly available at least as of Dec. 1, 2017.

“HurryCane® HurryBright™”, HurryWorks LLC product currently available at <https://www.hurricane.com/collections/hurricane/products/hurricane-hurrybright>; presently believed to be publicly available at least as of Dec. 1, 2017.

“Heavenly Handle™”, HurryWorks LLC product currently available at <https://www.hurricane.com/collections/hurricane/products/hurricane-heavenly-handle>; presently believed to be publicly available at least as of Dec. 1, 2017.

Image of Commercial Cane, HurryWorks LLC product currently available at <https://www.hurricane.com/pages/hurricane-how-it-works>; presently believed to be publicly available at least as of Jan. 15, 2018.

* cited by examiner

FIG. 1

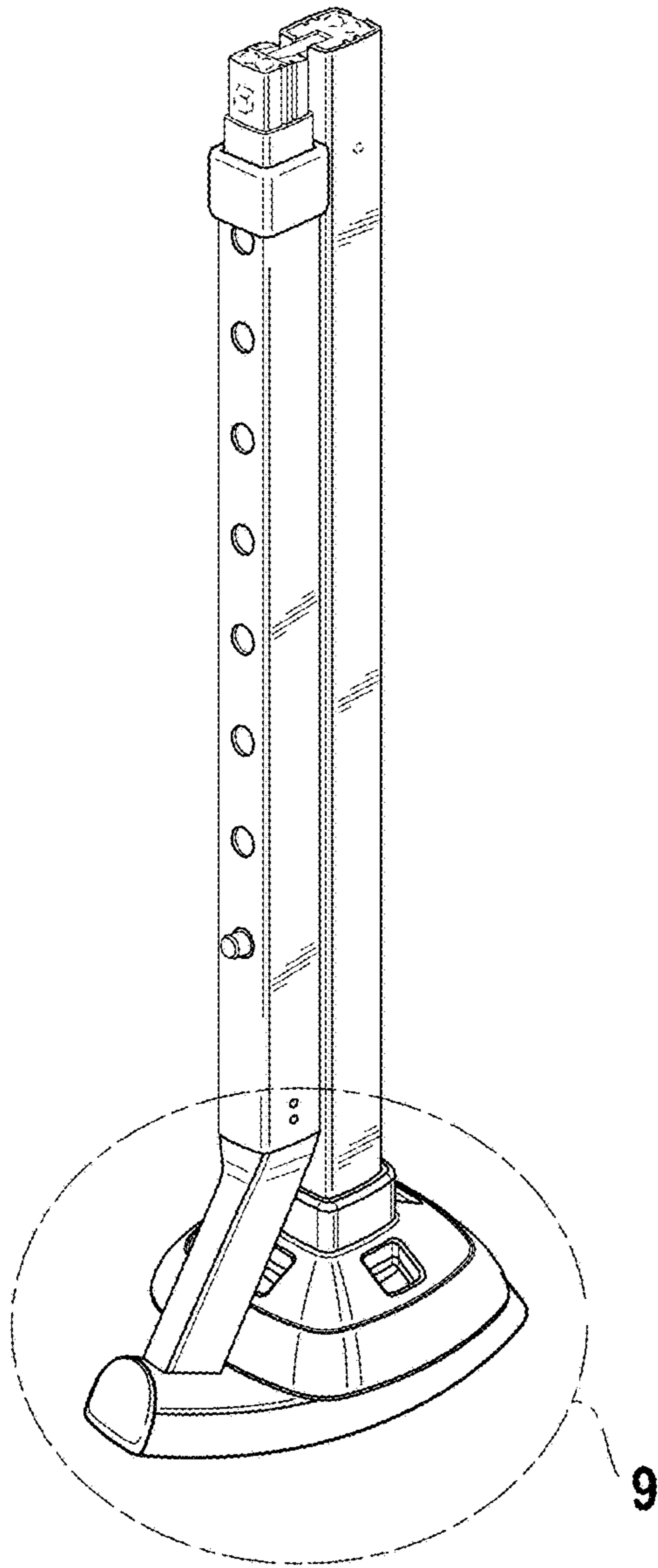


FIG. 2

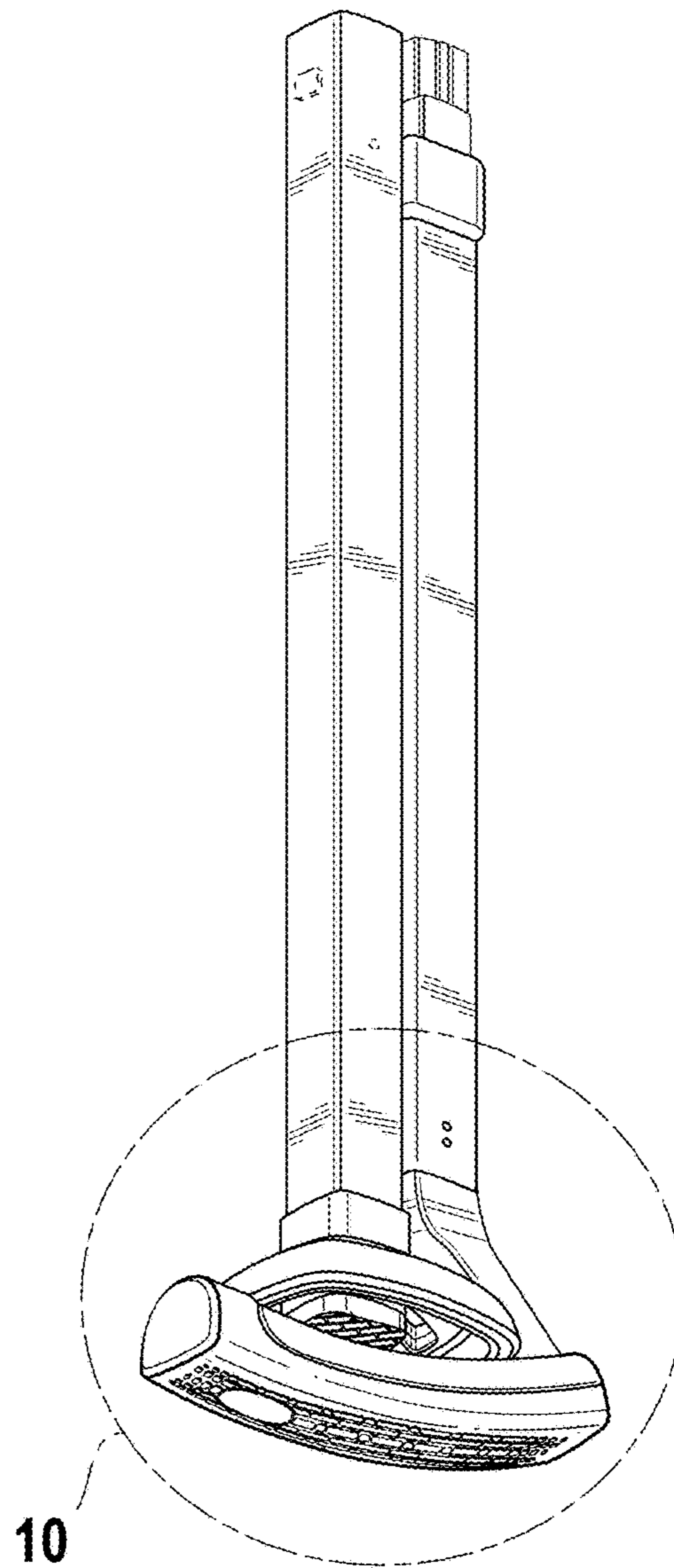


FIG. 3

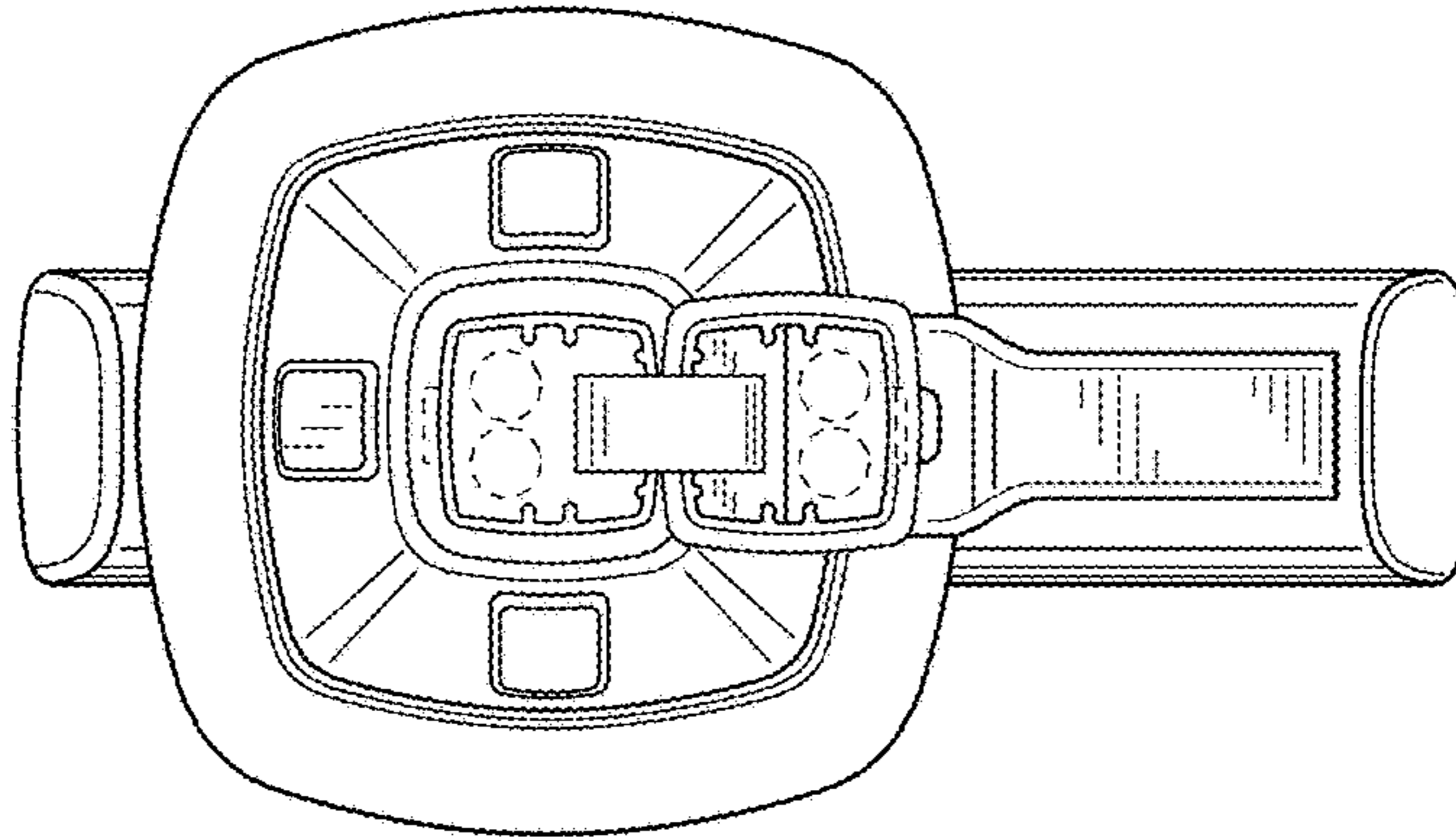


FIG. 4

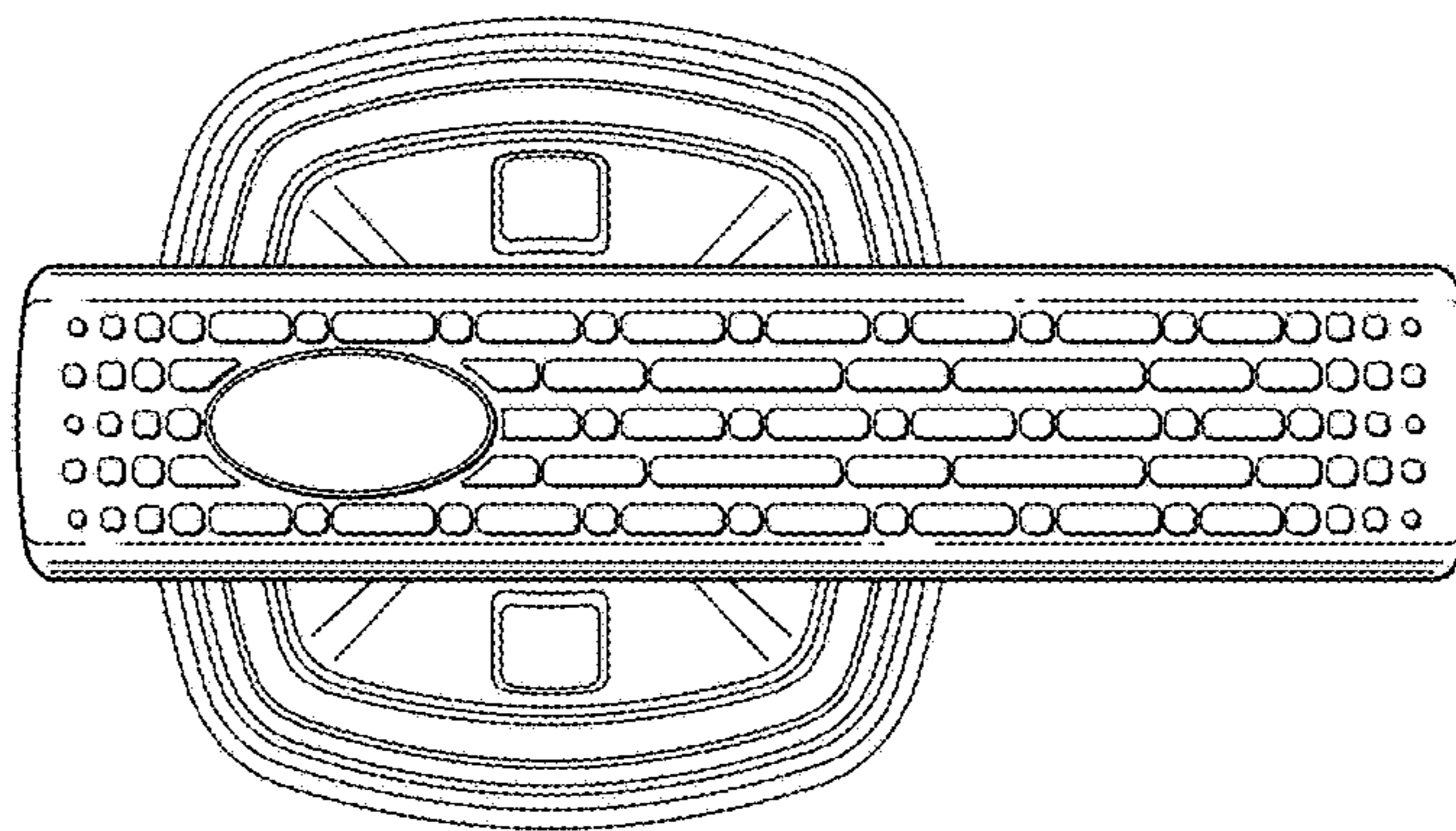


FIG. 5

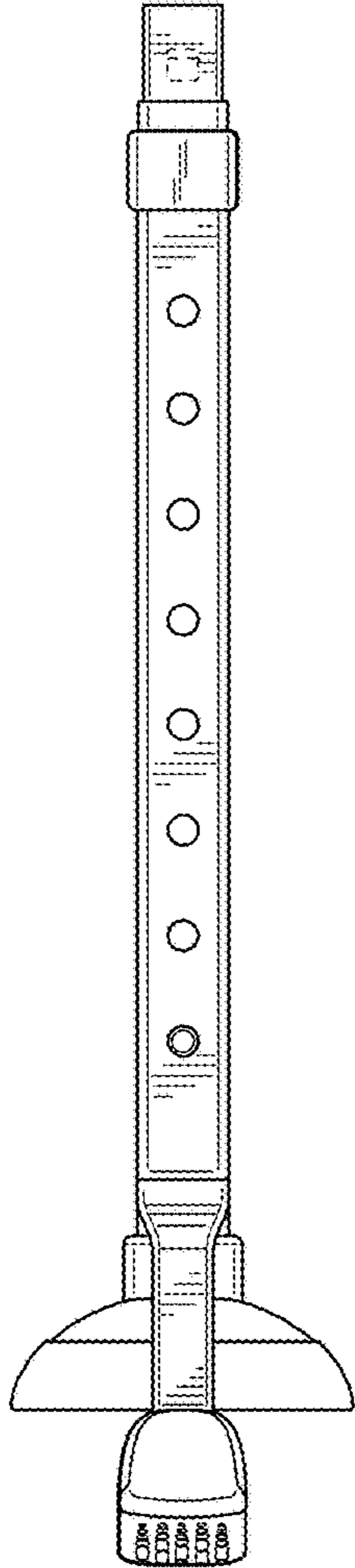


FIG. 6

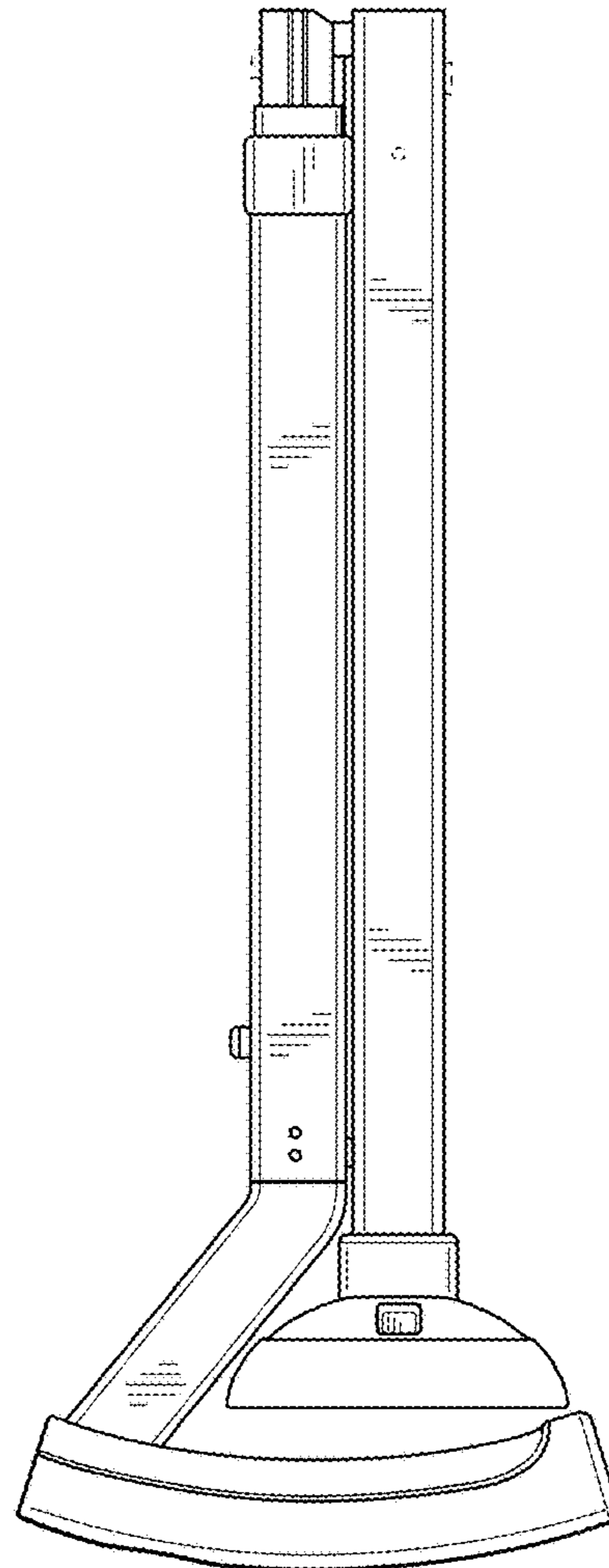


FIG. 7

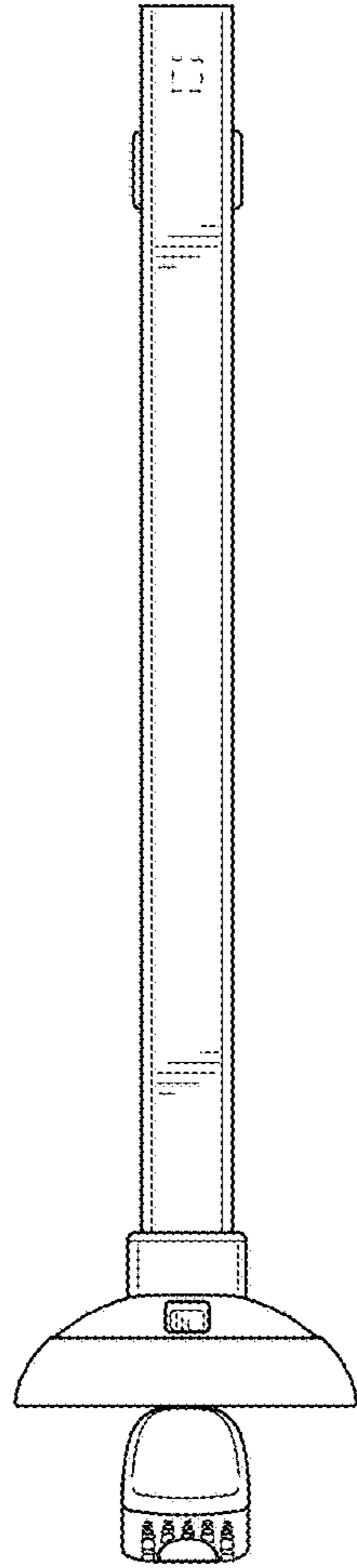


FIG. 8

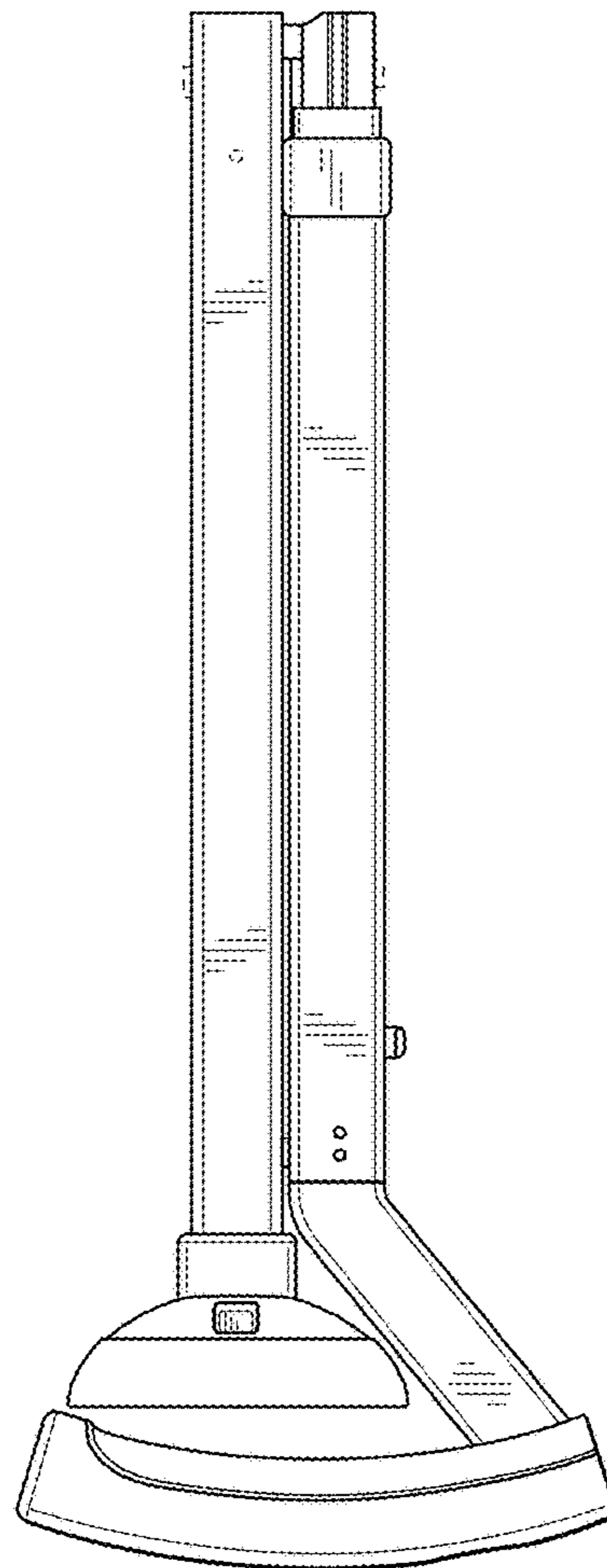


FIG. 9

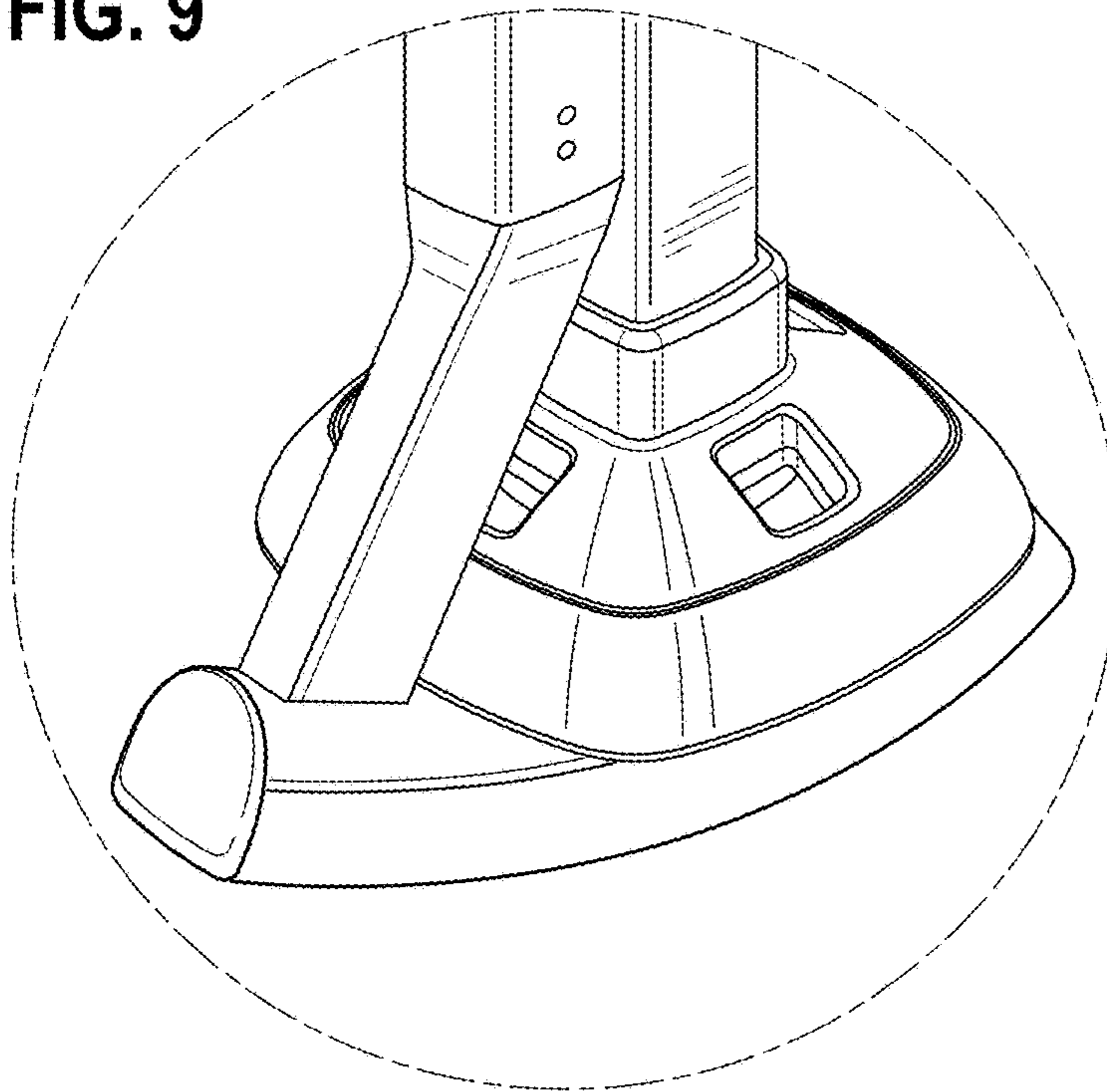


FIG. 10

