US00D482654S

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

(10) **Patent No.: US D482,654 S**
(45) **Date of Patent: ** Nov. 25, 2003**

(54) **CHARGER ADAPTER**

(76) Inventors: **Otniel Shor**, 7 Bluebell Rd., Colts Neck, NJ (US) 07722; **Elaine M. Shor**, 7 Bluebell Rd., Colts Neck, NJ (US) 07722

(**) Term: **14 Years**

(21) Appl. No.: **29/168,218**

(22) Filed: **Sep. 27, 2002**

(51) **LOC (7) Cl.** **13-02**
(52) **U.S. Cl.** **D13/110**
(58) **Field of Search** D13/107, 144; 439/688; 320/110–115

(56) **References Cited**

U.S. PATENT DOCUMENTS

D330,885	S		11/1992	Tattari
5,170,067	A		12/1992	Baum et al.
D339,809	S		9/1993	Ron
D341,123	S	*	11/1993	Hakanen et al. D13/108
5,263,879	A		11/1993	Sasa et al.
D345,960	S		4/1994	Boyd et al.
D349,096	S		7/1994	Hyvonen
5,431,585	A		7/1995	Fan
D362,657	S		9/1995	Tomikawa et al.
D369,811	S		5/1996	Chen
D373,756	S		9/1996	Chen
5,626,496	A		5/1997	Hahn
D384,937	S		10/1997	Liu
5,690,509	A		11/1997	Eisenbraun
D392,250	S		3/1998	Yiin
5,775,952	A		7/1998	Lu
5,780,993	A	*	7/1998	Tsang 320/111
D398,287	S		9/1998	Luminosu
D400,176	S		10/1998	Jones
D400,177	S		10/1998	Jones
D401,222	S		11/1998	LeBlanc
D402,956	S		12/1998	Lindahl
D403,663	S		1/1999	Jones et al.
D406,261	S		3/1999	Kettula et al.
D408,787	S		4/1999	Seragnoli
D409,568	S		5/1999	Lindahl
D409,979	S		5/1999	Lee
5,903,135	A		5/1999	Posses et al.
D410,432	S		6/1999	Park
5,964,623	A		10/1999	Maher et al.
D420,977	S		2/2000	Lohrding
6,052,603	A		4/2000	Kinzalow et al.
D428,386	S		7/2000	Ahlgren
6,116,960	A		9/2000	Lloyd et al.
D433,379	S		11/2000	Jokinen
D433,996	S		11/2000	Ma
D434,724	S		12/2000	Wharton
6,157,163	A	*	12/2000	Blackwood 320/115
D442,543	S		5/2001	Krumenacker et al.
6,290,545	B1	*	9/2001	Wang et al. 439/668
D456,007	S		4/2002	Kuo

OTHER PUBLICATIONS

Automobile Plug–in Charger—for Star TAC & V Series phones—Model #VP328—http://cellular–battery.com/motorola/star_tac//—Accessed Sunday, Oct. 21, 2001.

* cited by examiner

Primary Examiner—Holly Baynham
(74) *Attorney, Agent, or Firm*—Lawrence G. Fridman

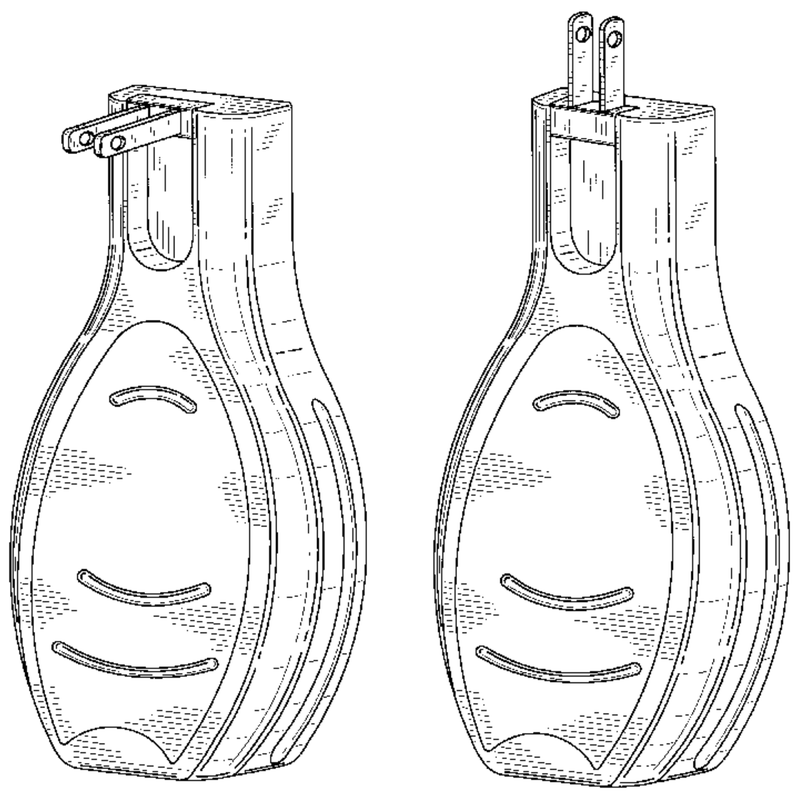
(57) **CLAIM**

The ornamental design for a charger adapter, as shown and described.

DESCRIPTION

Reference is made to a related patent application Ser. No. 29/154,508, filed Jan. 28, 2002, U.S. Pat. No. Des. 469,400.
FIG. **1** is a perspective view of a charger adapter showing a new design having prongs in the retracted position;
FIG. **2** is a front elevational view thereof;
FIG. **3** is a top plan view thereof;
FIG. **4** is a rear elevational view thereof;
FIG. **5** is a bottom plan view thereof;
FIG. **6** is another front perspective view showing the prongs in a substantially horizontal position; and,
FIG. **7** is a further front perspective view thereof showing the prongs in a substantially vertically extended position.

1 Claim, 4 Drawing Sheets



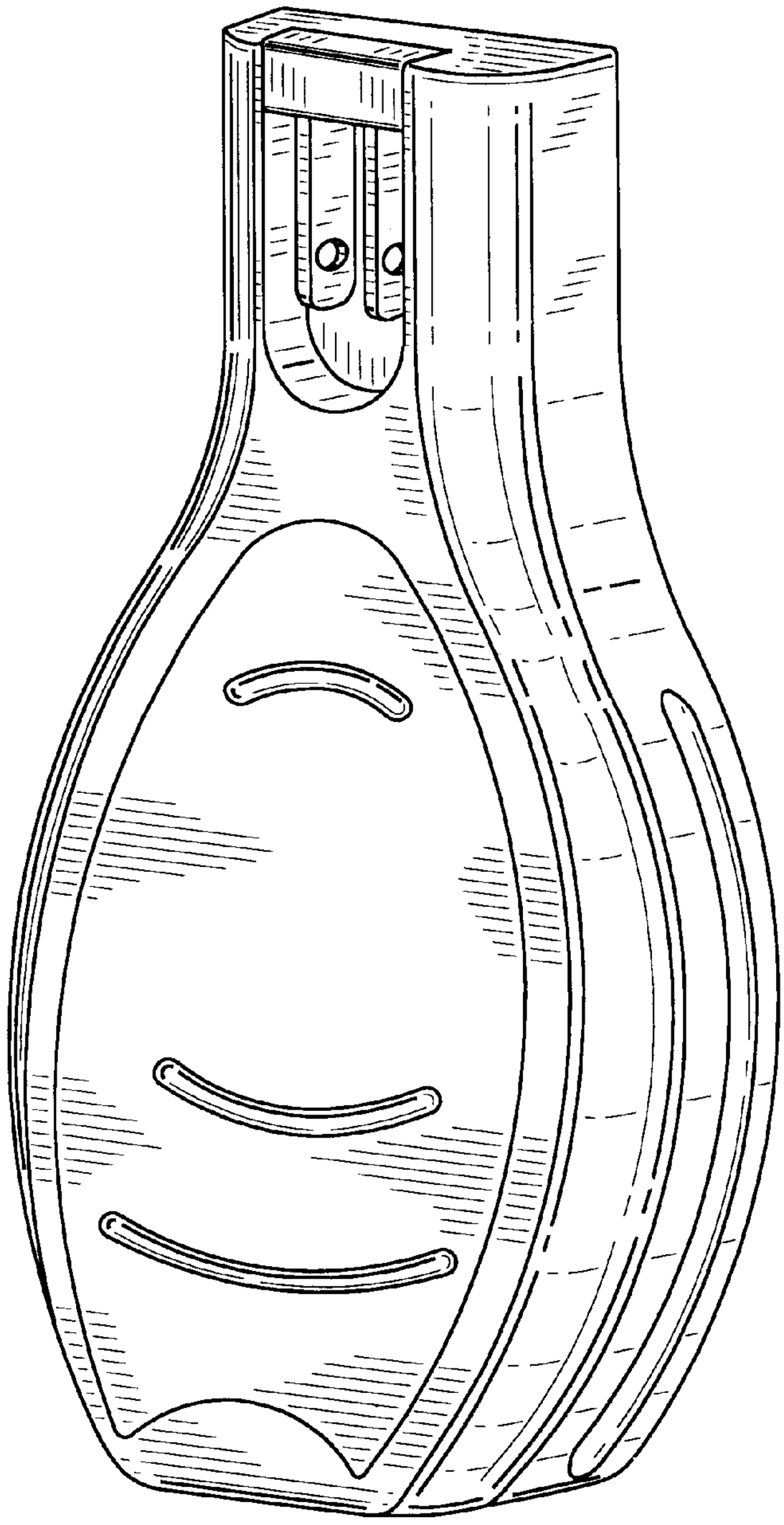


FIG. 1

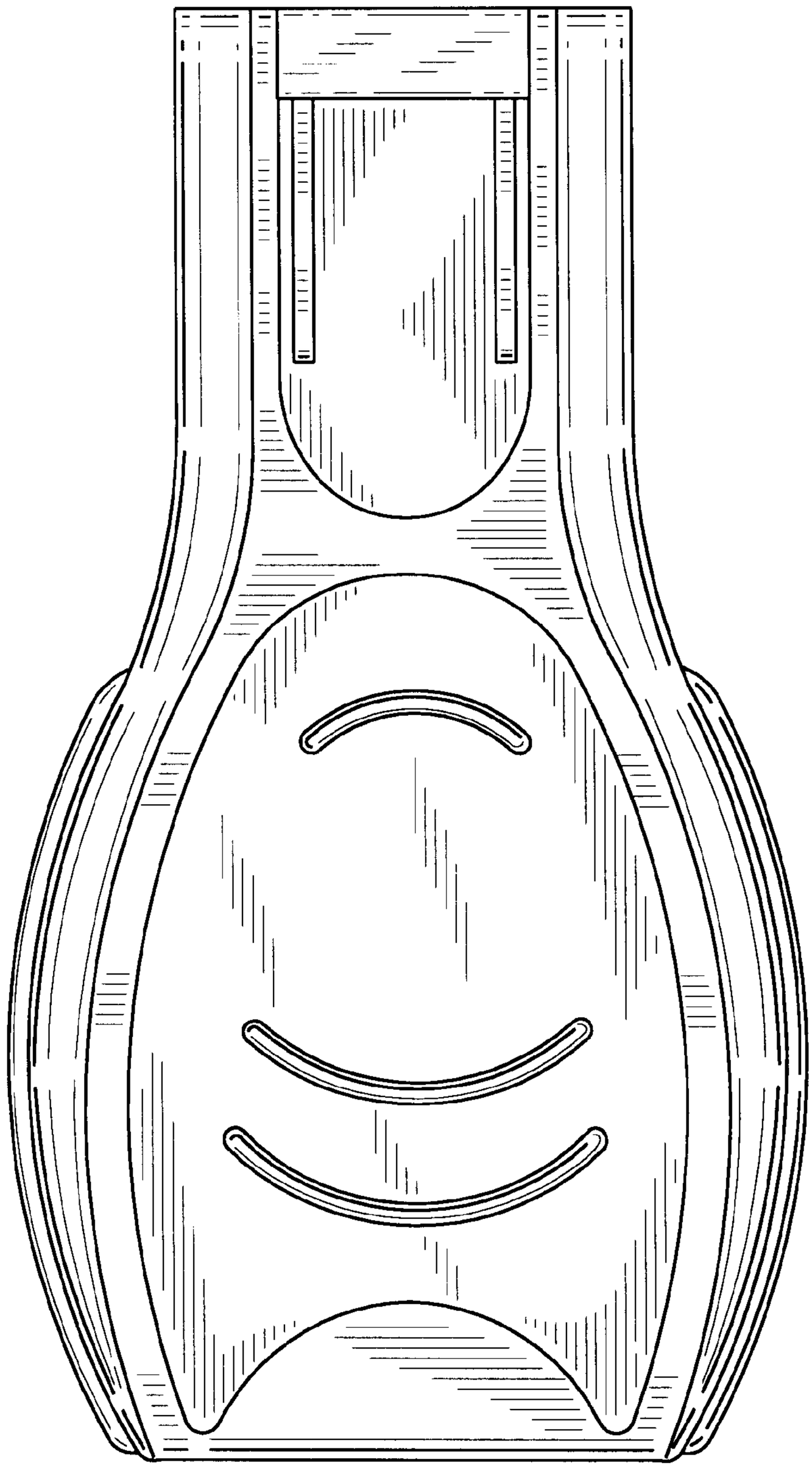


FIG. 2

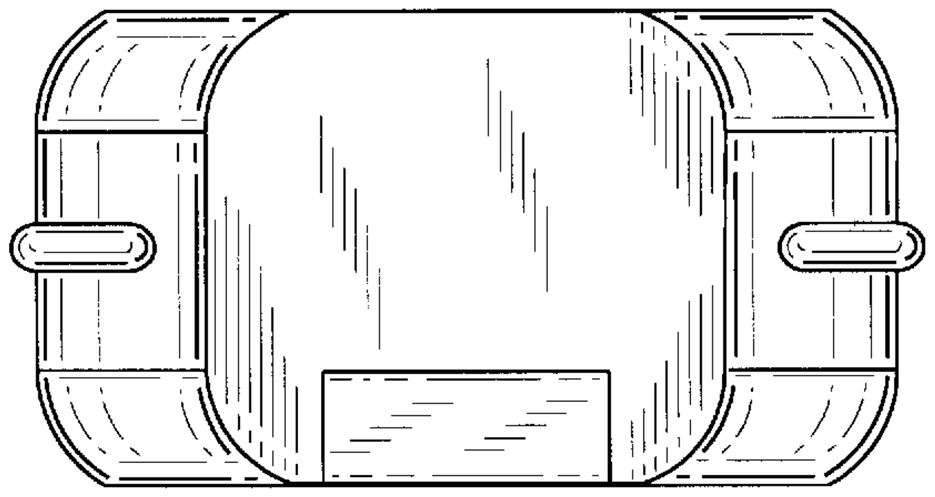


FIG. 3

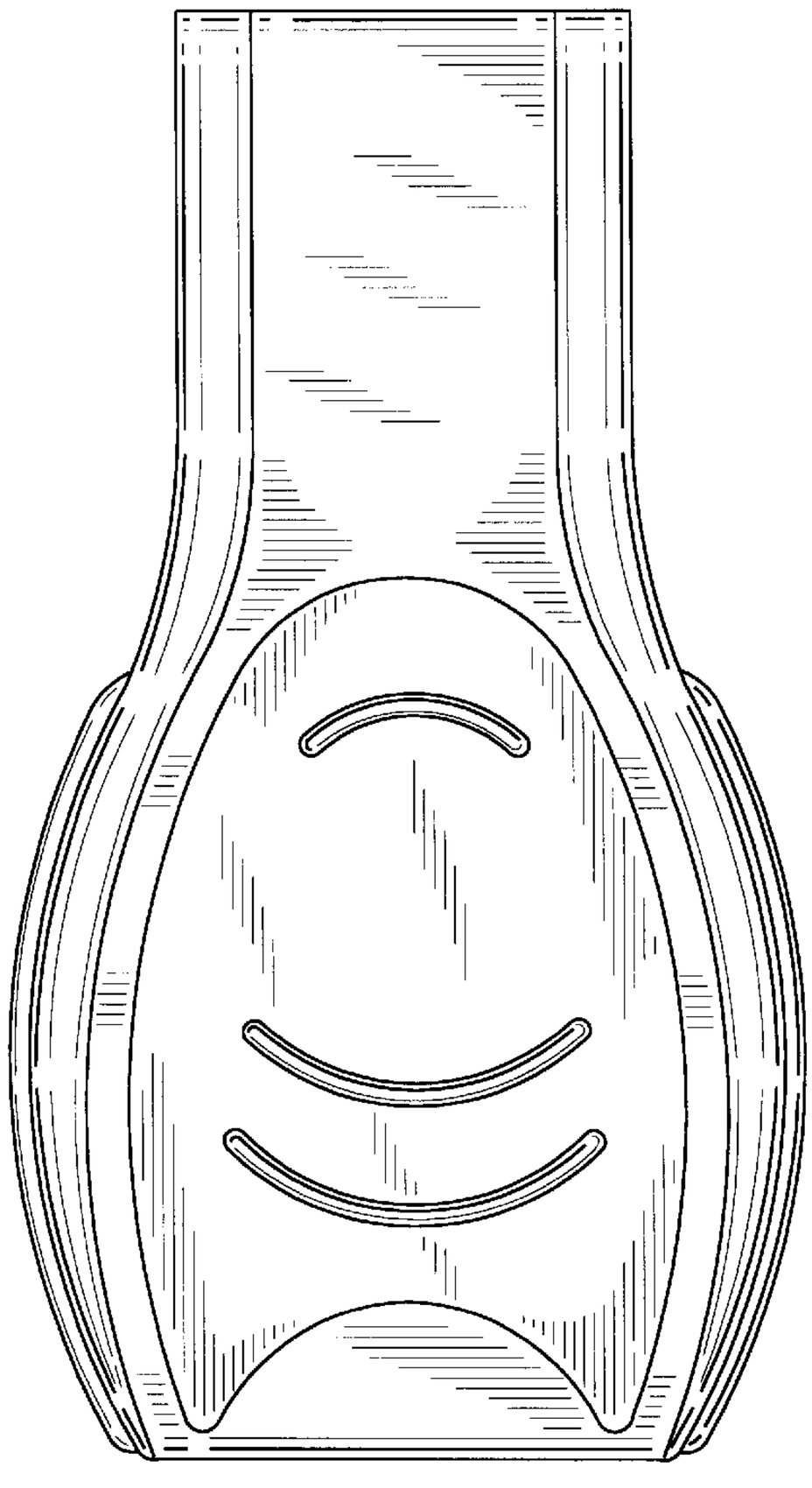


FIG. 4

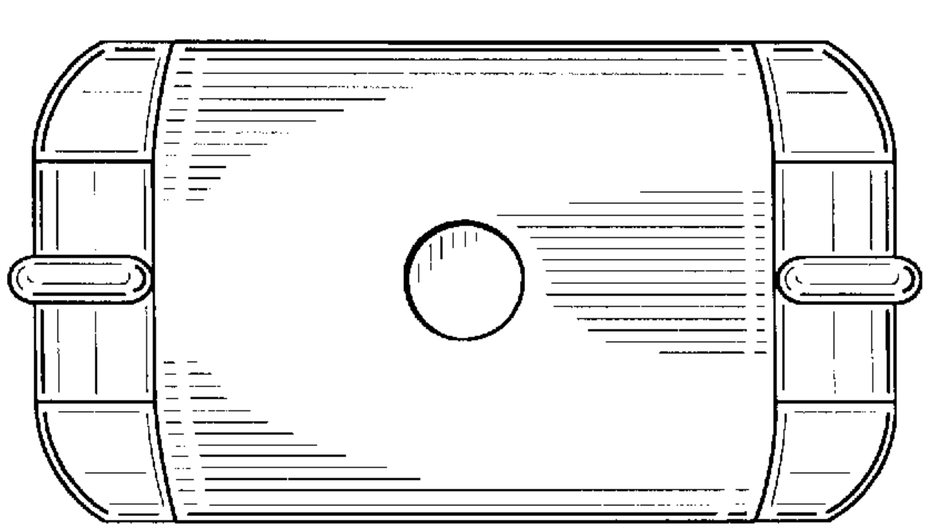


FIG. 5

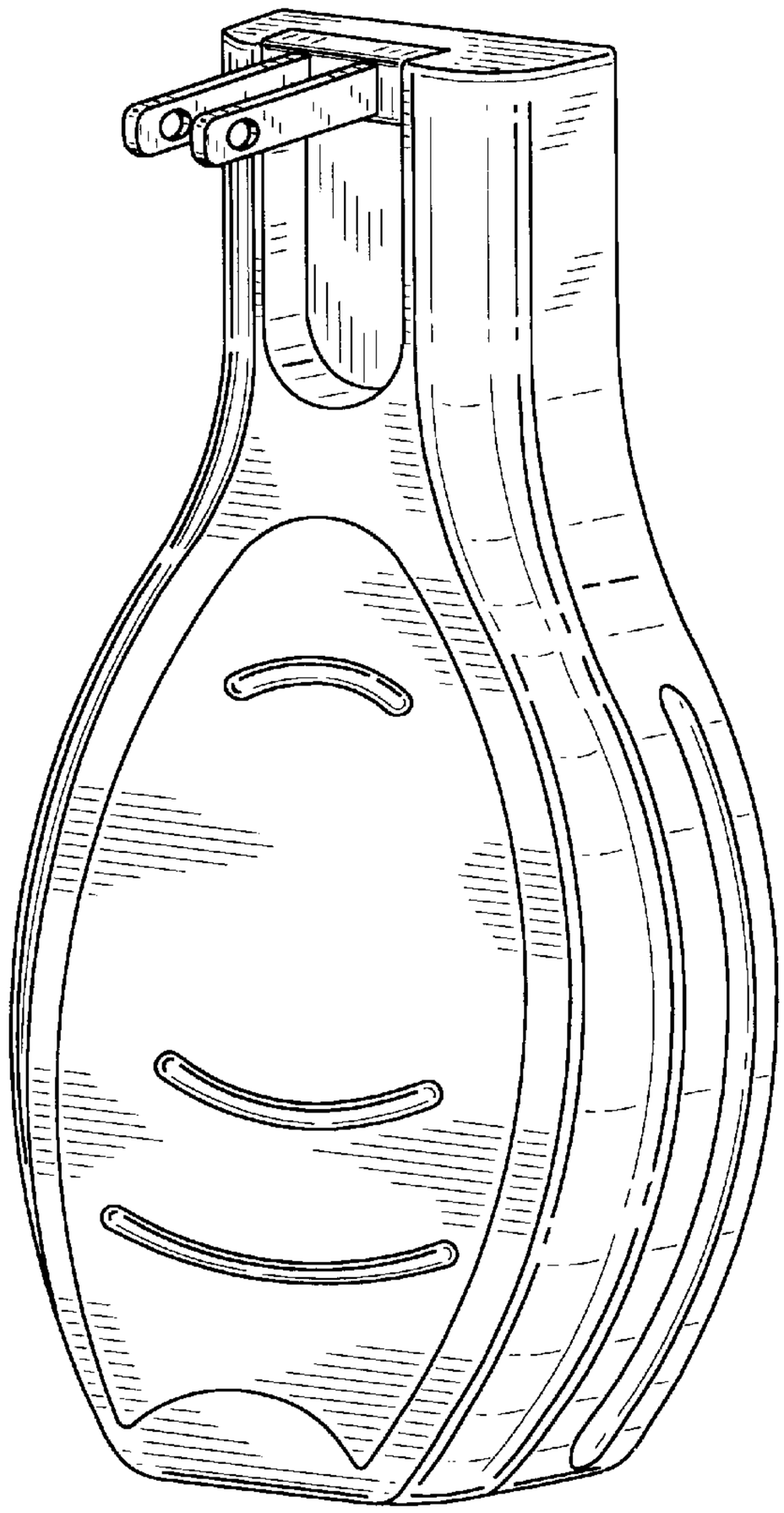


FIG. 6

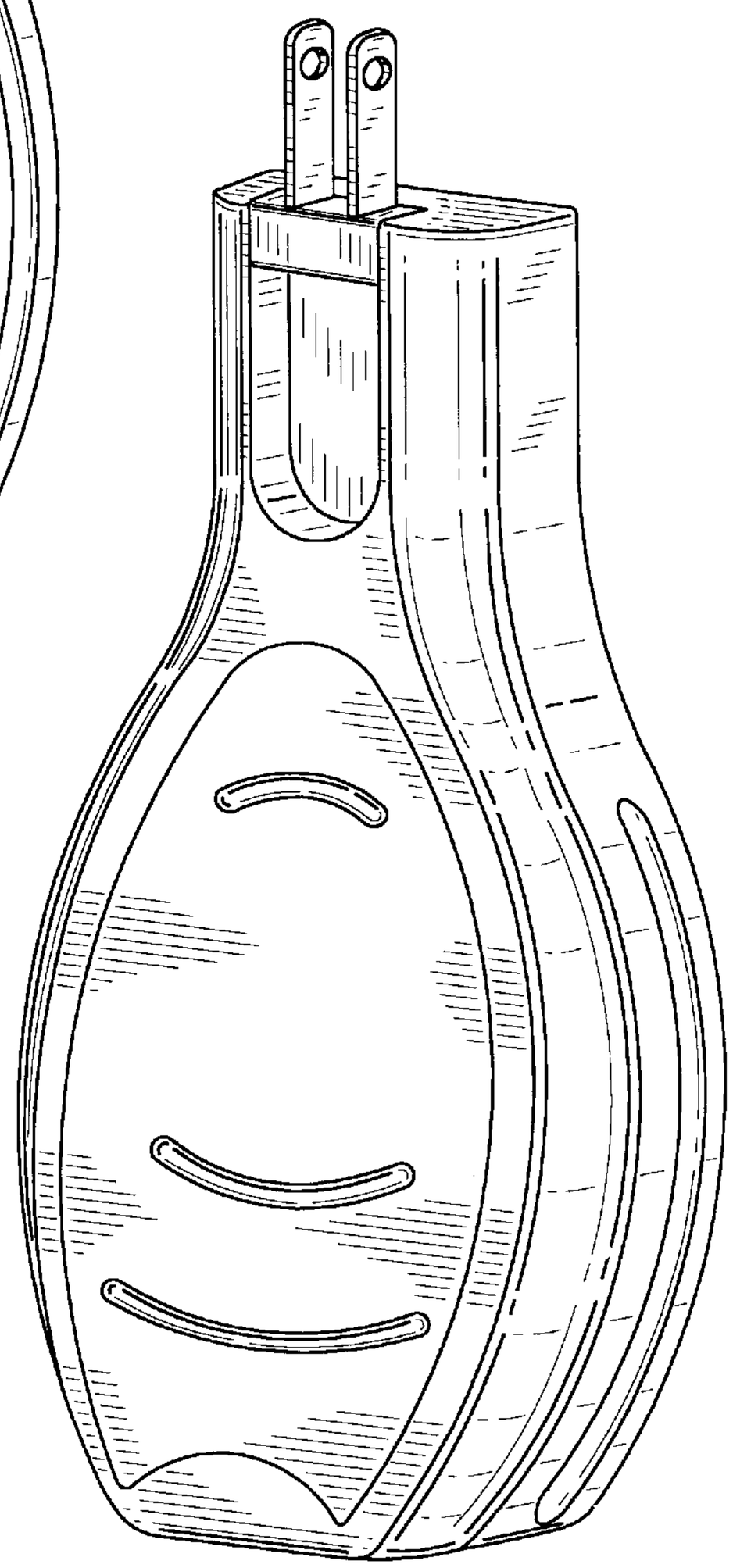


FIG. 7