



US00D574493S

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

(10) **Patent No.:** **US D574,493 S**
(45) **Date of Patent:** **** Aug. 5, 2008**

(54) **PORTION OF NERVE ROOT RETRACTOR WITH SENSOR**

(75) Inventors: **Robert E Lash**, Redwood City, CA (US); **Jimmy Jian-min Mao**, Fremont, CA (US)

(73) Assignee: **ViOptix, Inc.**, Fremont, CA (US)

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

(21) Appl. No.: **29/284,438**

(22) Filed: **Sep. 7, 2007**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/281,422, filed on Jun. 22, 2007.

(51) **LOC (8) Cl.** **24-02**

(52) **U.S. Cl.** **D24/135**

(58) **Field of Classification Search** D24/135
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,394,700 A 7/1968 Yamamoto
4,049,000 A 9/1977 Williams

(Continued)

OTHER PUBLICATIONS

Nerve Root Retractors, Codman Surgical Product Catalog 380-385 (2004).

Primary Examiner—Ian Simmons

Assistant Examiner—Christopher Lee

(74) *Attorney, Agent, or Firm*—Aka Chan LLP

(57) **CLAIM**

The ornamental design for a portion of a nerve root retractor with sensor, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the design for a portion of a nerve root retractor with sensor.

FIG. 2 is a right side view thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a top view thereof;

FIG. 5 is a front view thereof; and

FIG. 6 is a first alternate bottom view of the design.

FIG. 7 is a second alternate bottom view of the design.

FIG. 8 is a third alternate bottom view of the design.

FIG. 9 is a fourth alternate bottom view of the design.

FIG. 10 is a fifth alternate bottom view of the design.

FIG. 11 is a sixth alternate bottom view of the design.

FIG. 12 is a seventh alternate bottom view of the design.

FIG. 13 is an eighth alternate bottom view of the design.

FIG. 14 is a ninth alternate bottom view of the design.

FIG. 15 is a tenth alternate bottom view of the design.

FIG. 16 is an eleventh alternate bottom view of the design.

FIG. 17 is a twelfth alternate bottom view of the design.

FIG. 18 is a thirteenth alternate bottom view of the design.

FIG. 19 is a fourteenth alternate bottom view of the design.

FIG. 20 is a fifteenth alternate bottom view of the design.

FIG. 21 is a sixteenth alternate bottom view of the design.

FIG. 22 is a seventeenth alternate bottom view of the design.

FIG. 23 is an eighteenth alternate bottom view of the design.

FIG. 24 is a nineteenth alternate bottom view of the design.

FIG. 25 is a twentieth alternate bottom view of the design.

FIG. 26 is a twenty-first alternate bottom view of the design.

FIG. 27 is a twenty-second alternate bottom view of the design.

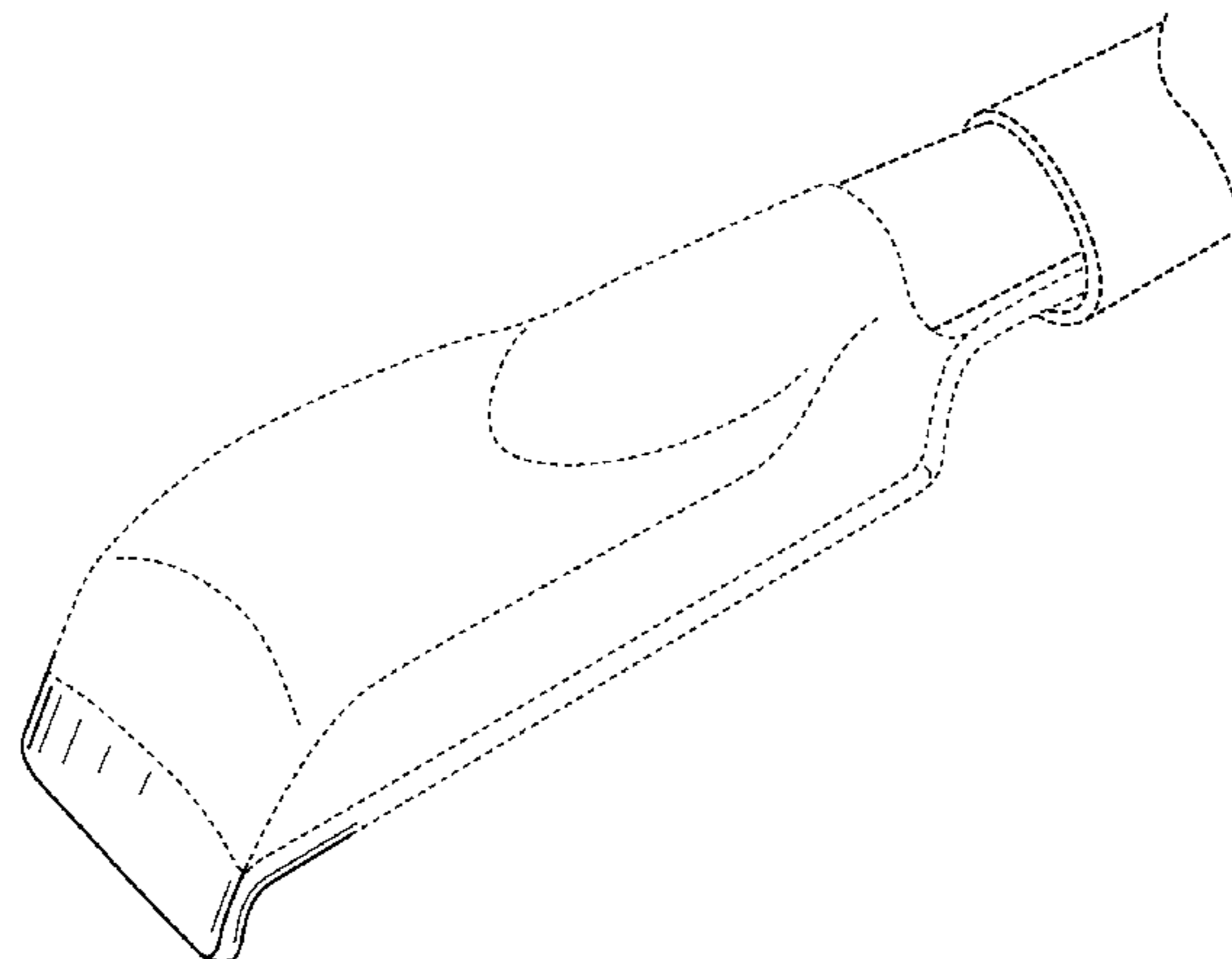
FIG. 28 is a twenty-third alternate bottom view of the design.

FIG. 29 is a twenty-fourth alternate bottom view of the design; and,

FIG. 30 is a twenty-fifth alternate bottom view of the design.

Other views of FIGS. 7–30 (alternate bottom views) are the same as in FIGS. 1–5.

1 Claim, 8 Drawing Sheets



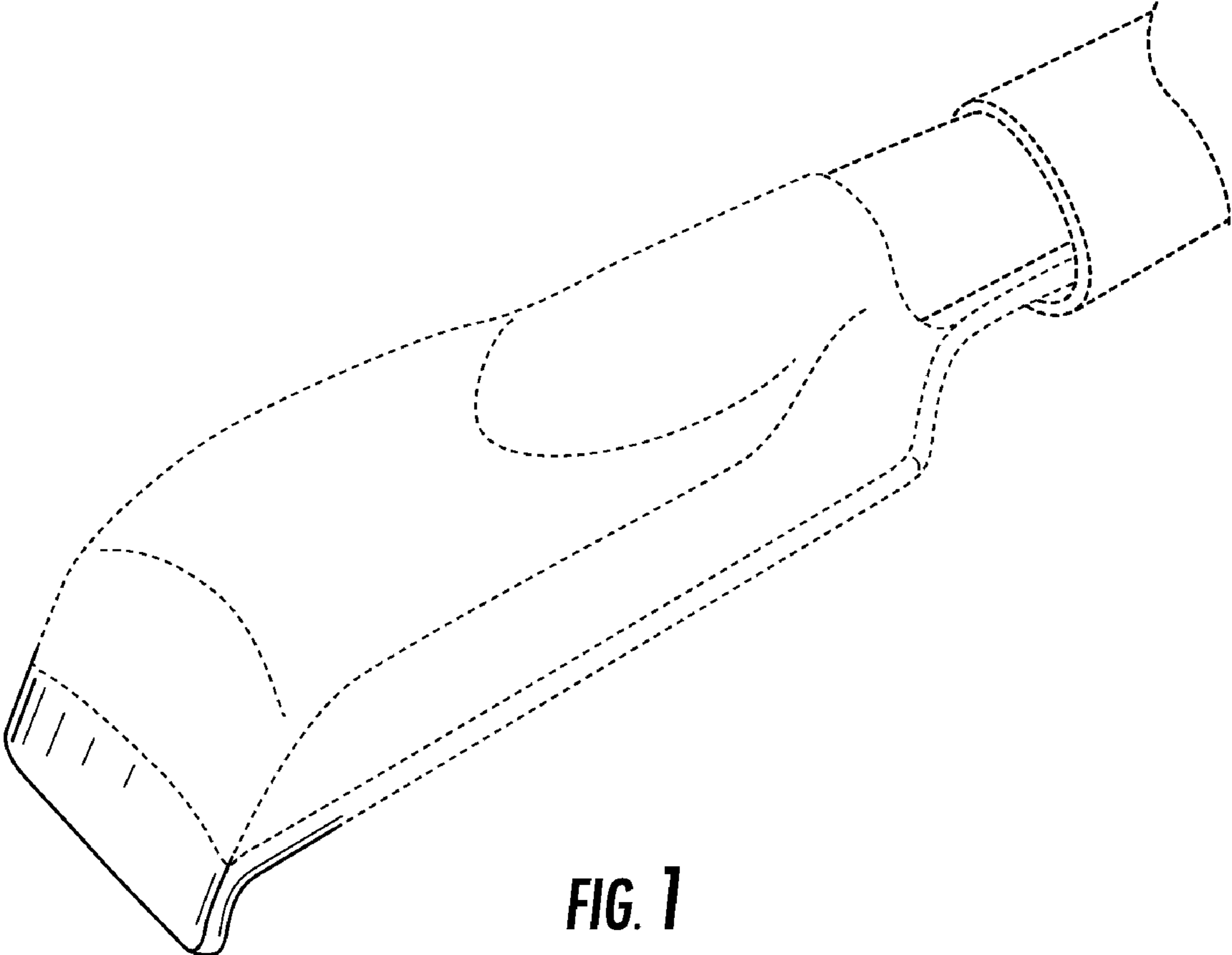
US D574,493 S

Page 2

U.S. PATENT DOCUMENTS

4,190,042 A	2/1980	Sinnreich		5,891,018 A	4/1999	Wells	
4,226,228 A *	10/1980	Shin et al.	600/206	D411,883 S *	7/1999	Farascioni et al.	D24/135
D275,227 S	8/1984	Garner, Jr.		D430,668 S	9/2000	Koros et al.	
4,597,382 A	7/1986	Perez, Jr.		D433,134 S	10/2000	Pitesky	
4,738,248 A	4/1988	Ray		D442,687 S	5/2001	Schulz	
4,919,616 A	4/1990	Croll		D443,056 S	5/2001	Koros et al.	
4,959,067 A	9/1990	Muller		D453,377 S	2/2002	Schollhorn et al.	
D312,306 S	11/1990	Michelson		D457,957 S	5/2002	Sanford et al.	
D318,116 S	7/1991	Michelson		6,416,465 B2	7/2002	Brau	
5,123,403 A	6/1992	Lavyne		6,875,173 B2 *	4/2005	Suddaby	600/210
5,520,611 A	5/1996	Rao et al.		D510,768 S *	10/2005	Farley	D24/135
5,769,781 A *	6/1998	Chappuis	600/202	6,994,548 B2	2/2006	Perret, Jr.	
5,803,904 A	9/1998	Mehdizadeh		7,226,413 B2	6/2007	McKinley	

* cited by examiner



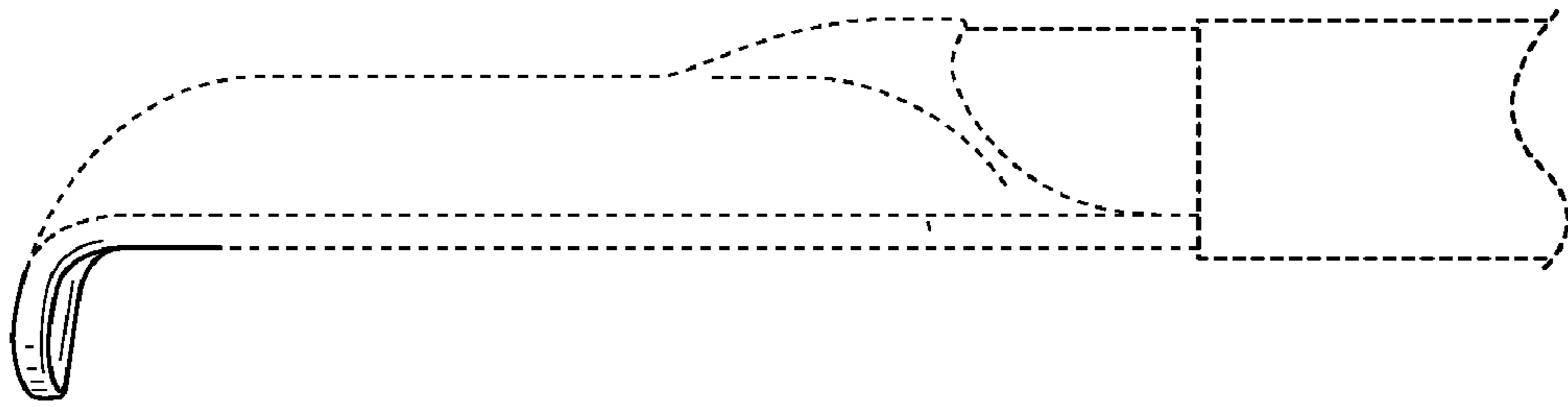


FIG. 2

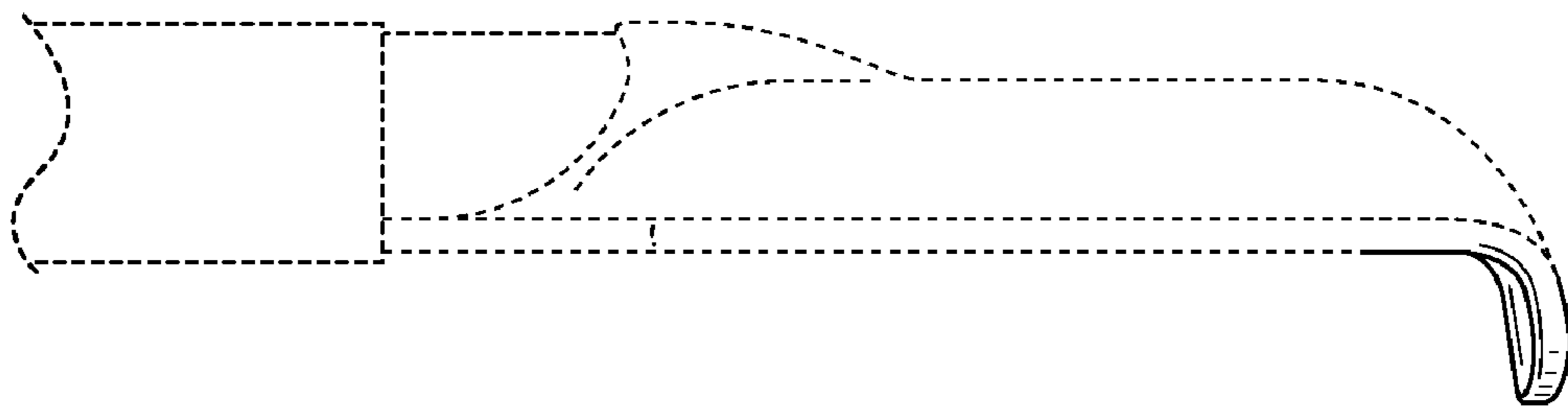


FIG. 3

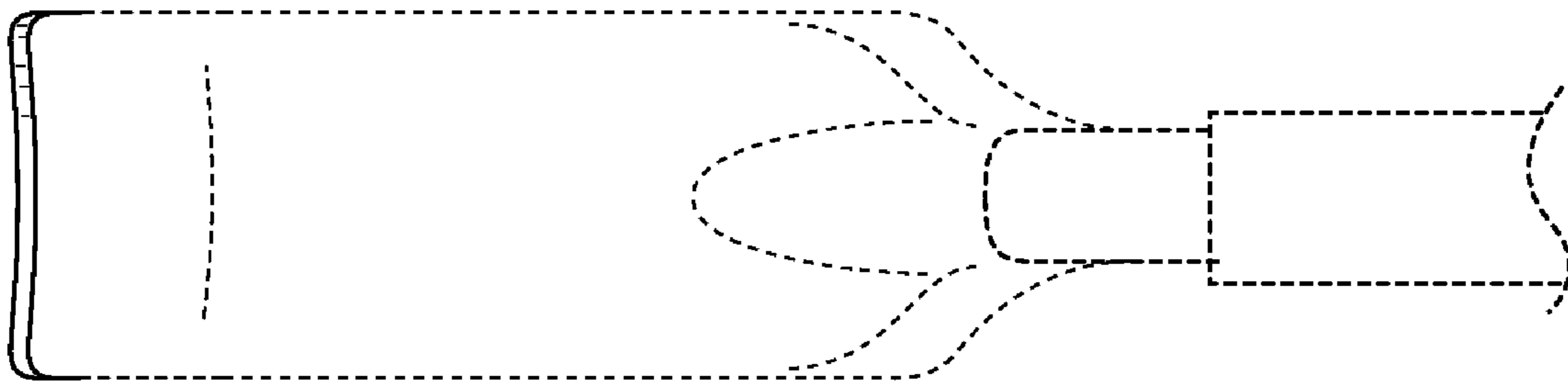


FIG. 4

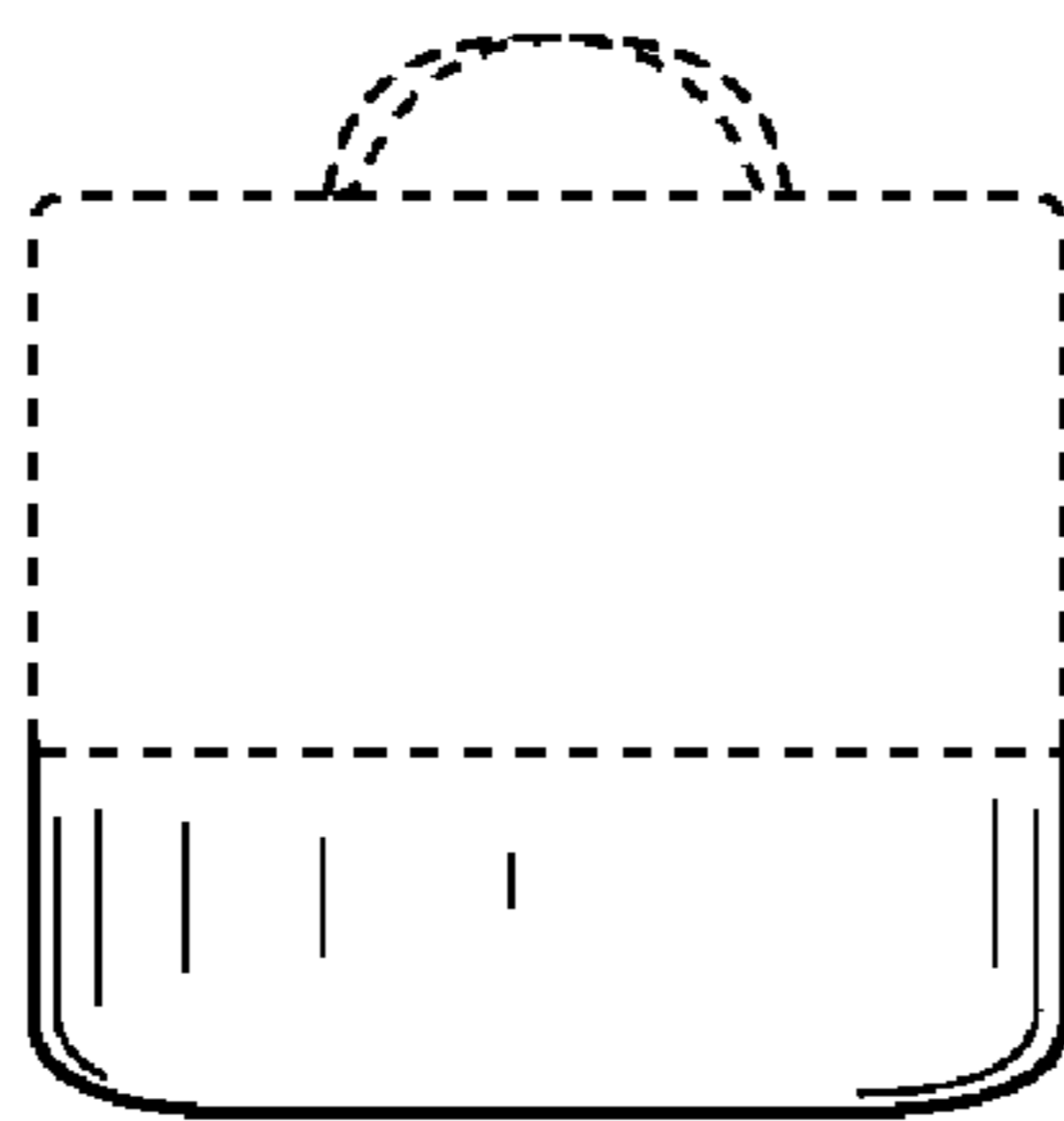


FIG. 5

FIG. 6

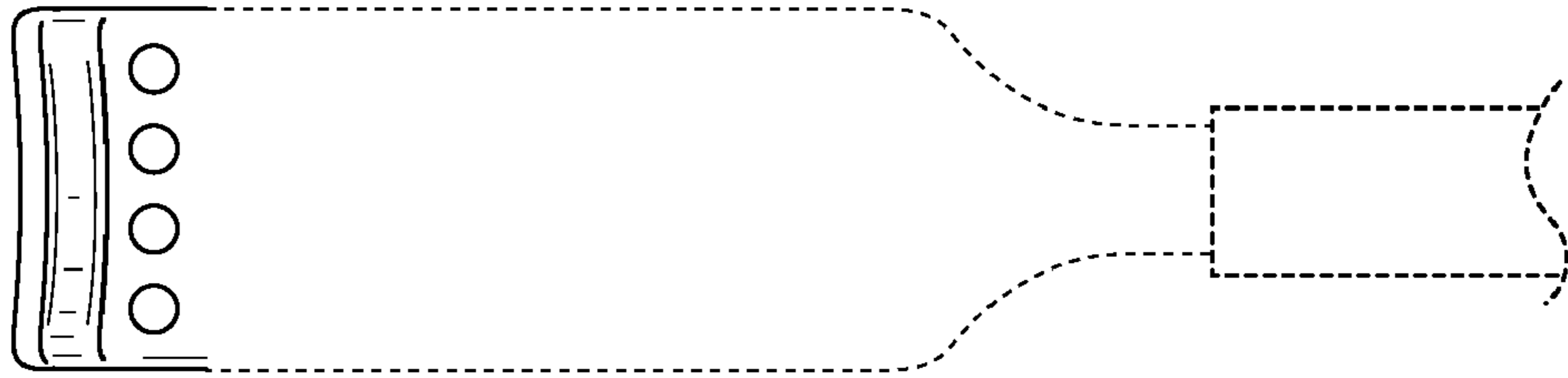


FIG. 7

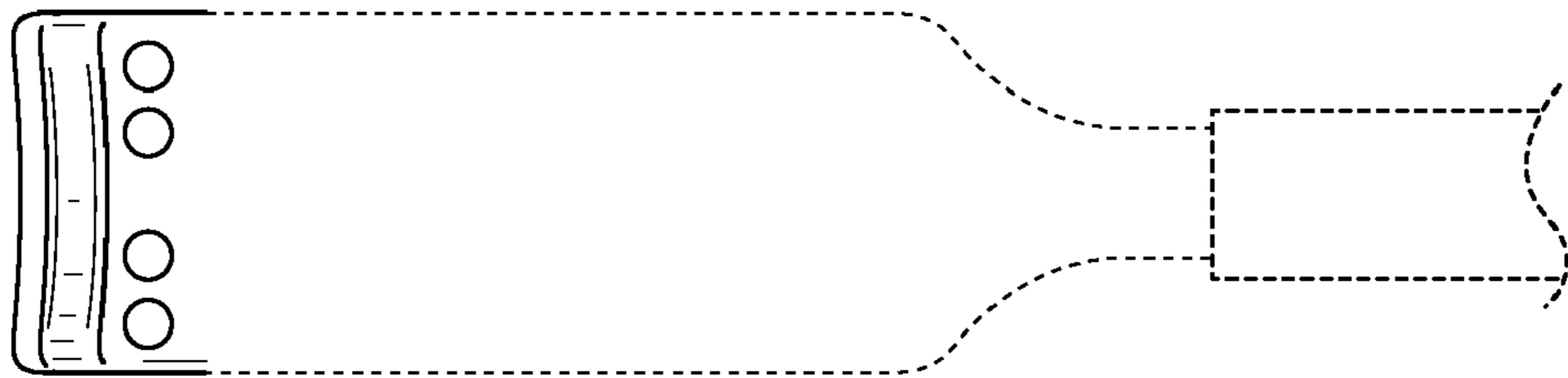


FIG. 8

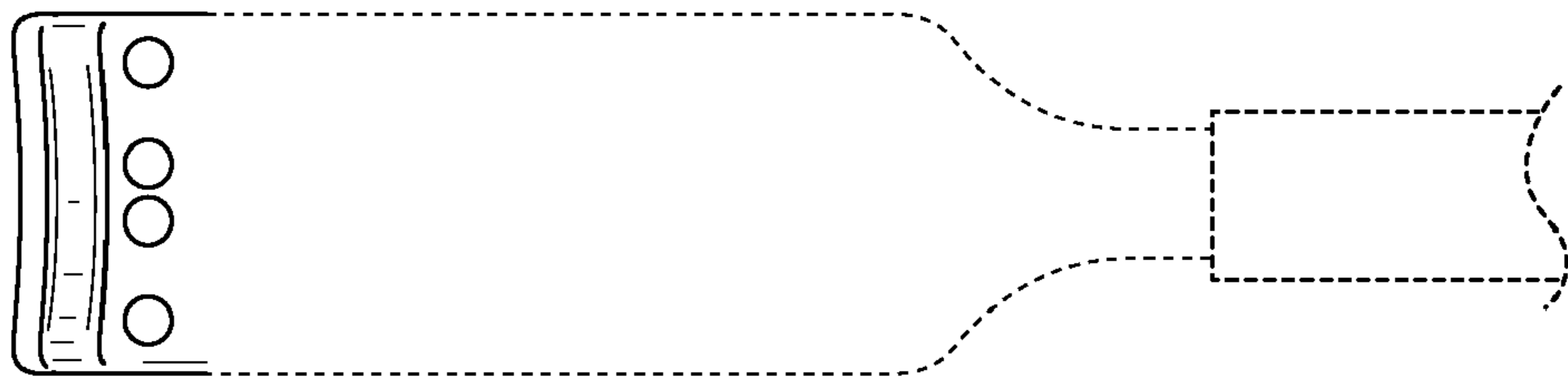


FIG. 9

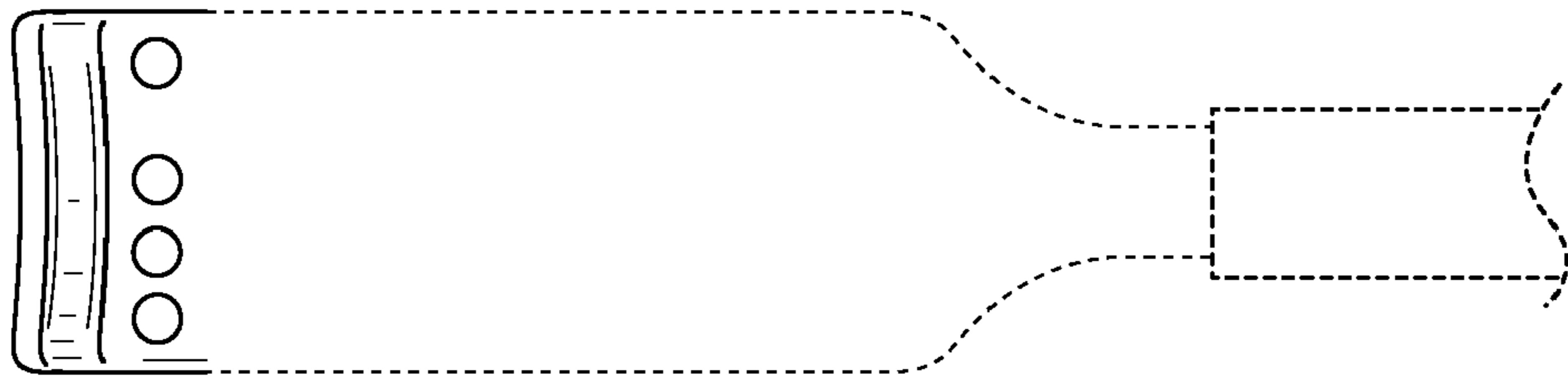


FIG. 10

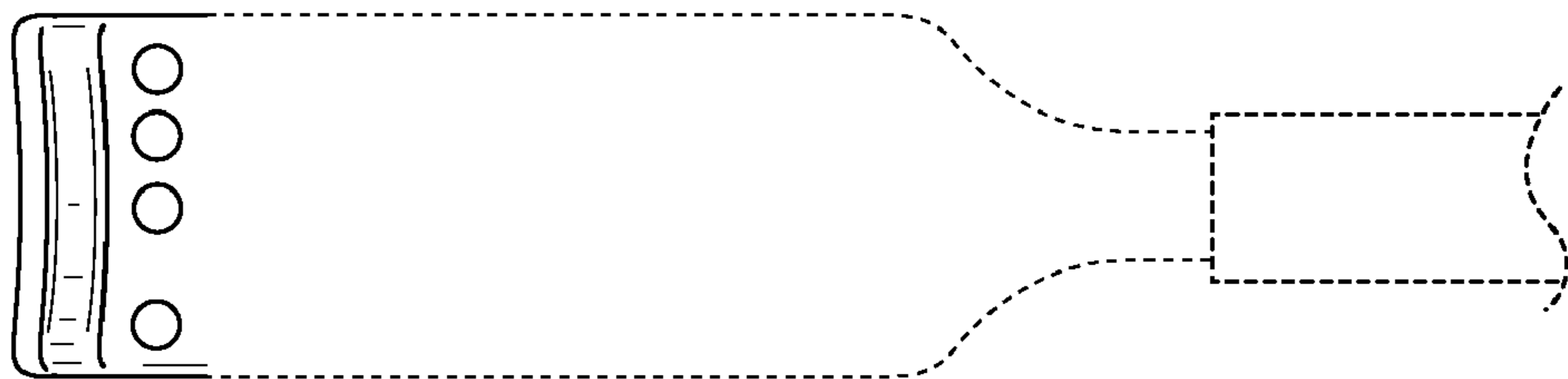


FIG. 11

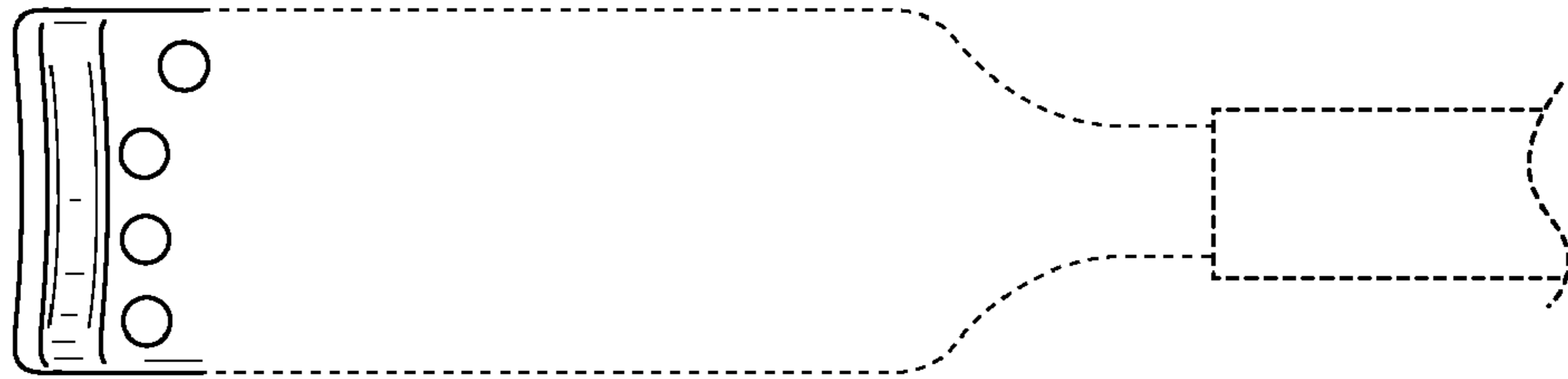


FIG. 12

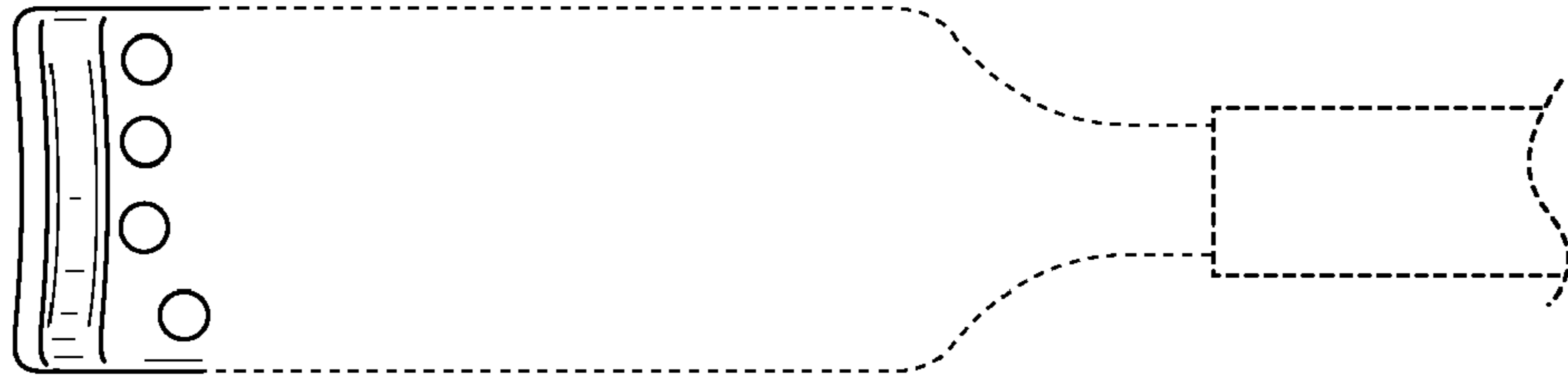


FIG. 13

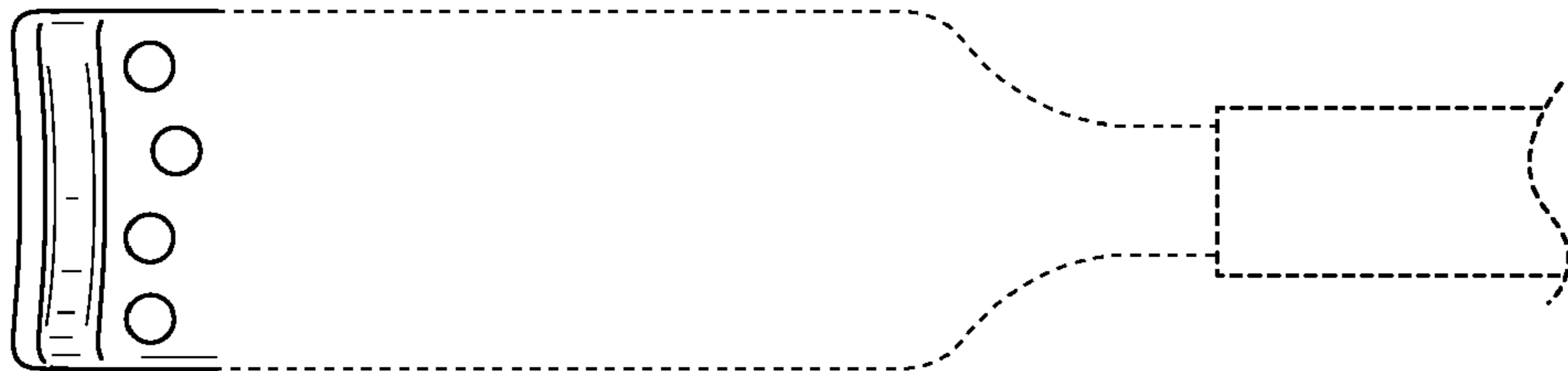


FIG. 14

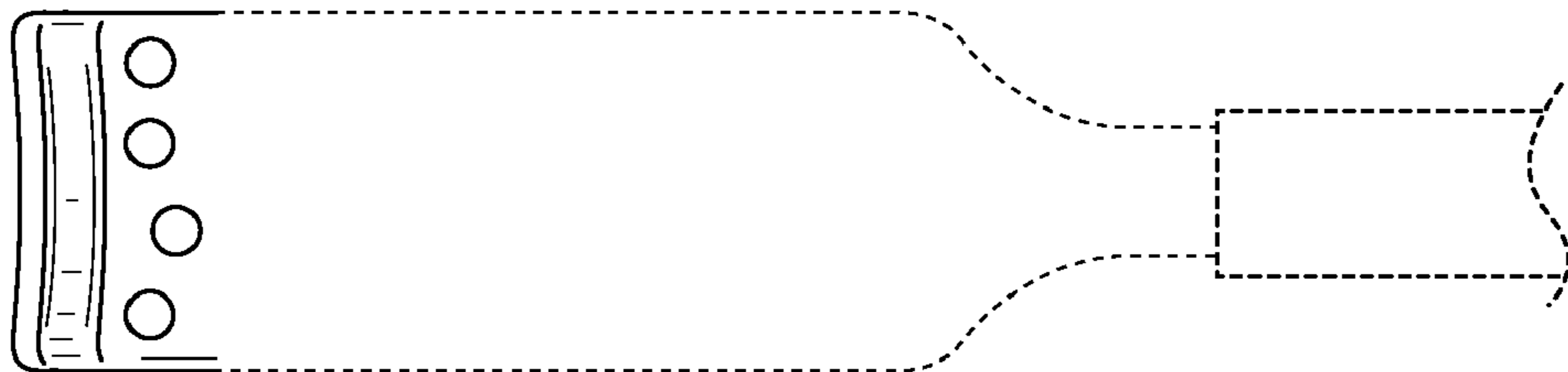


FIG. 15

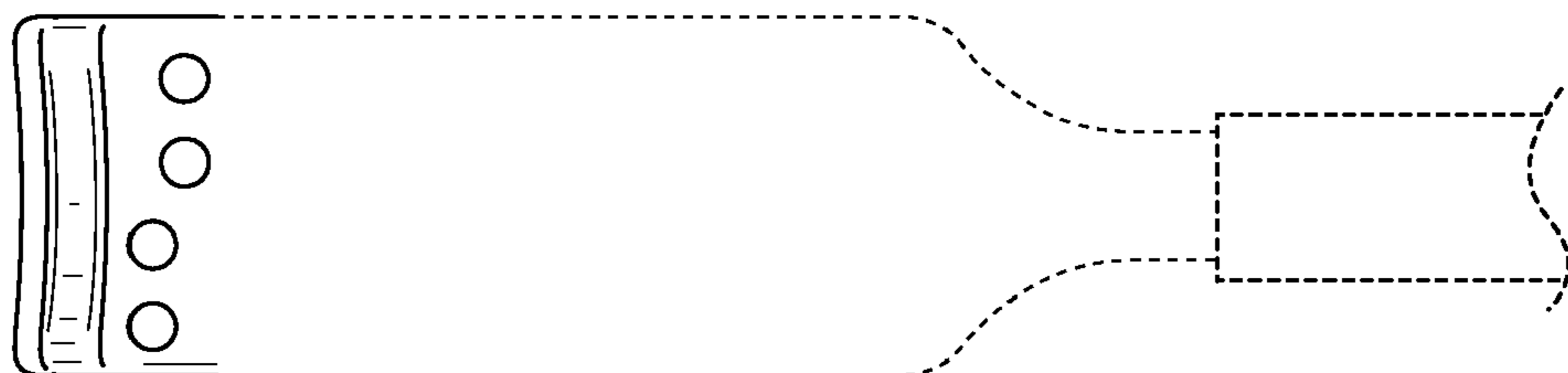


FIG. 16

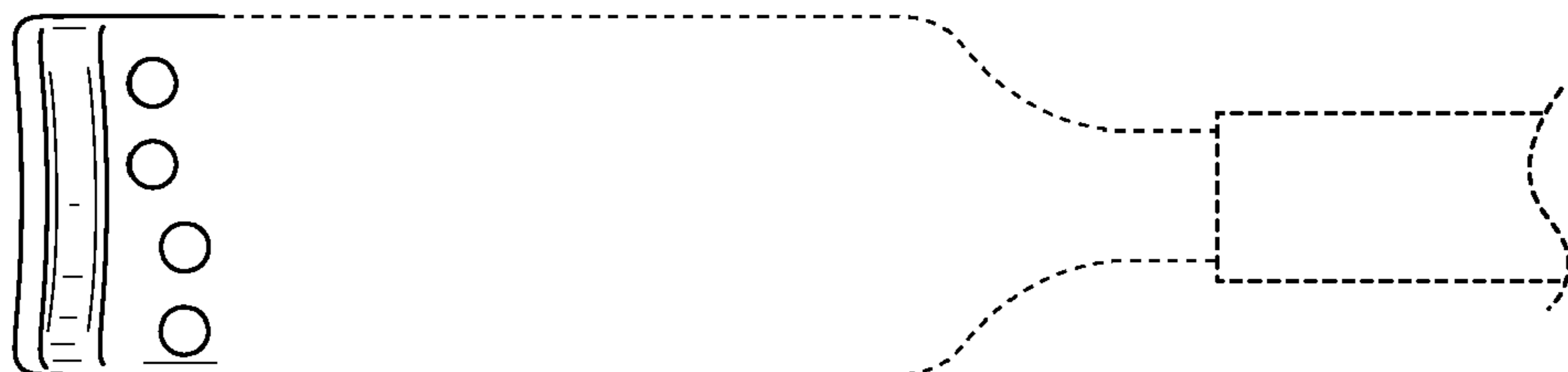


FIG. 17

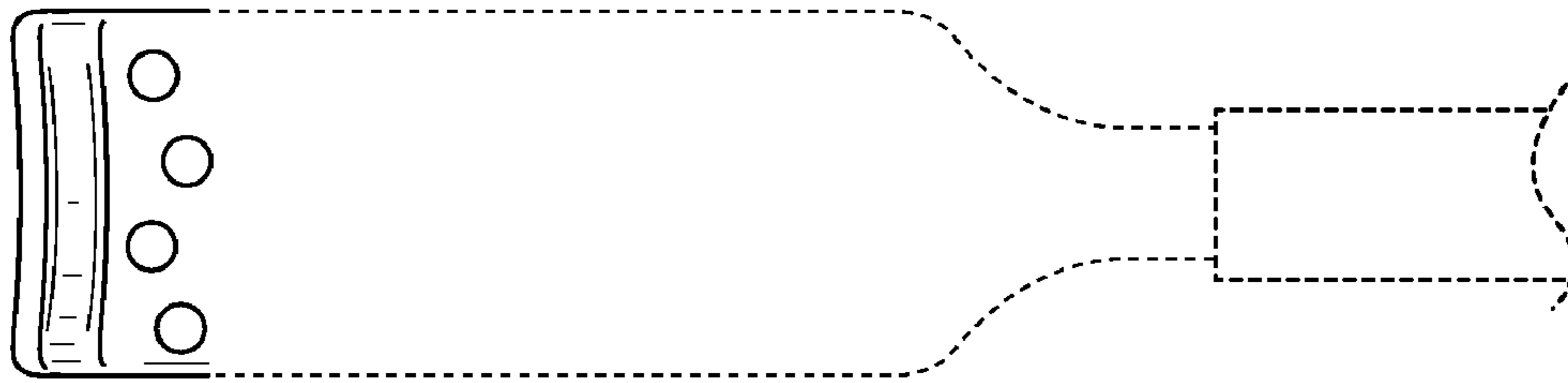


FIG. 18

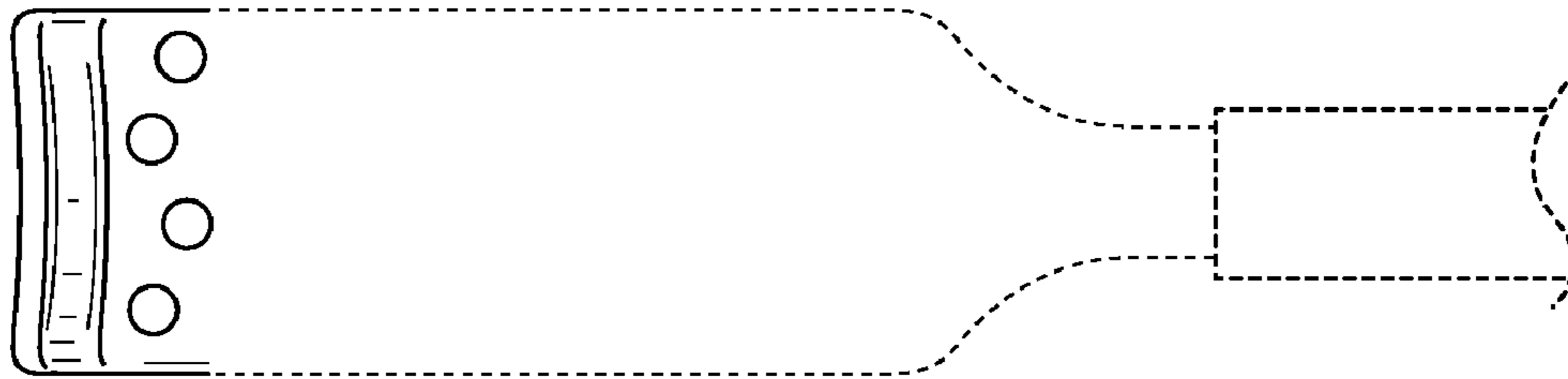


FIG. 19

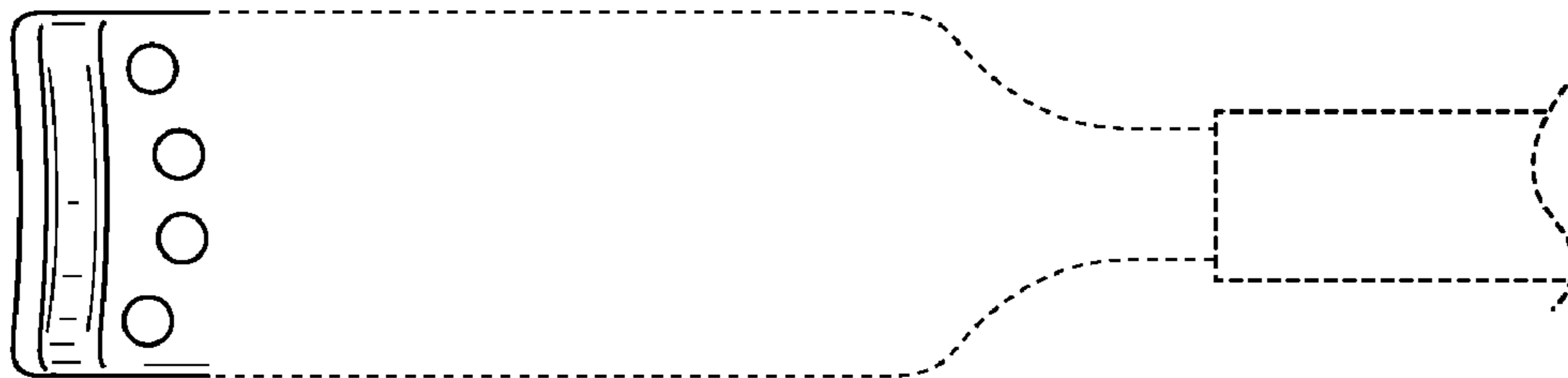


FIG. 20

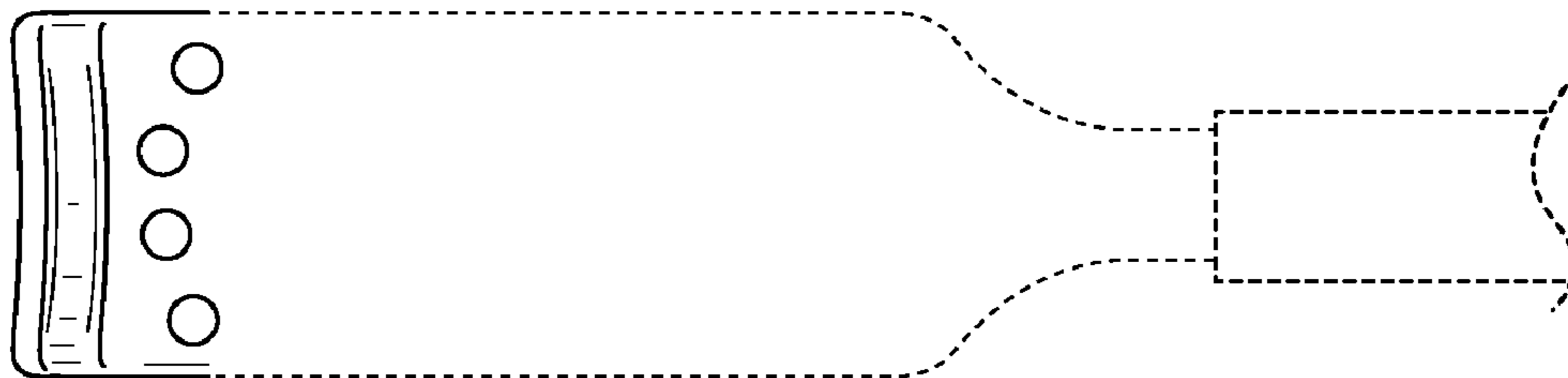


FIG. 21

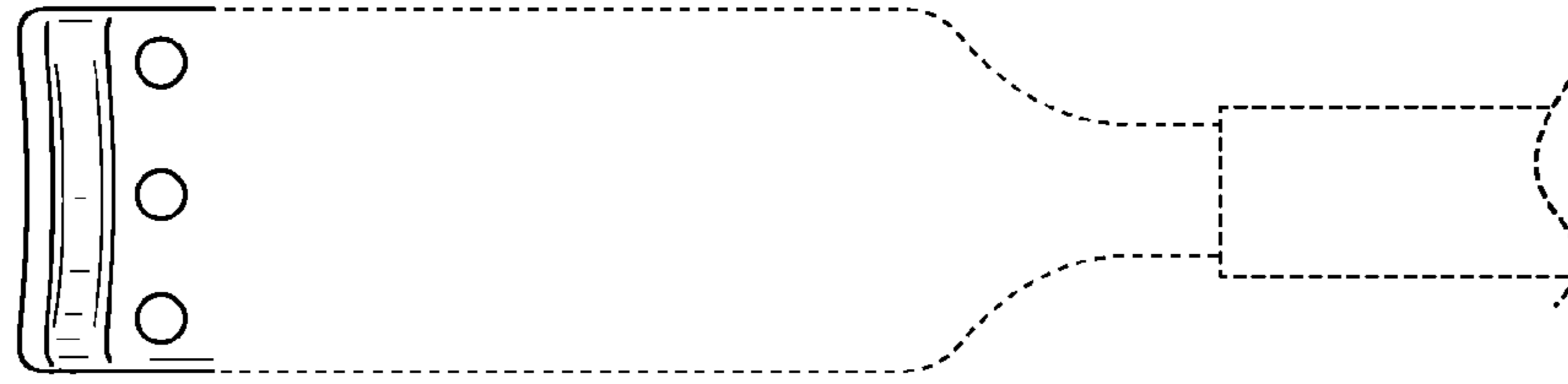


FIG. 22

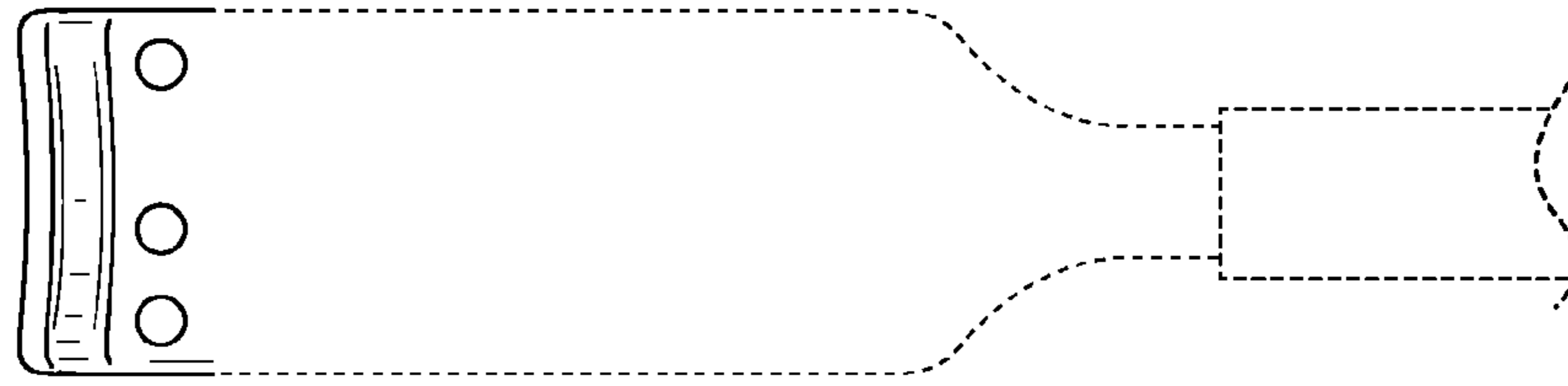


FIG. 23

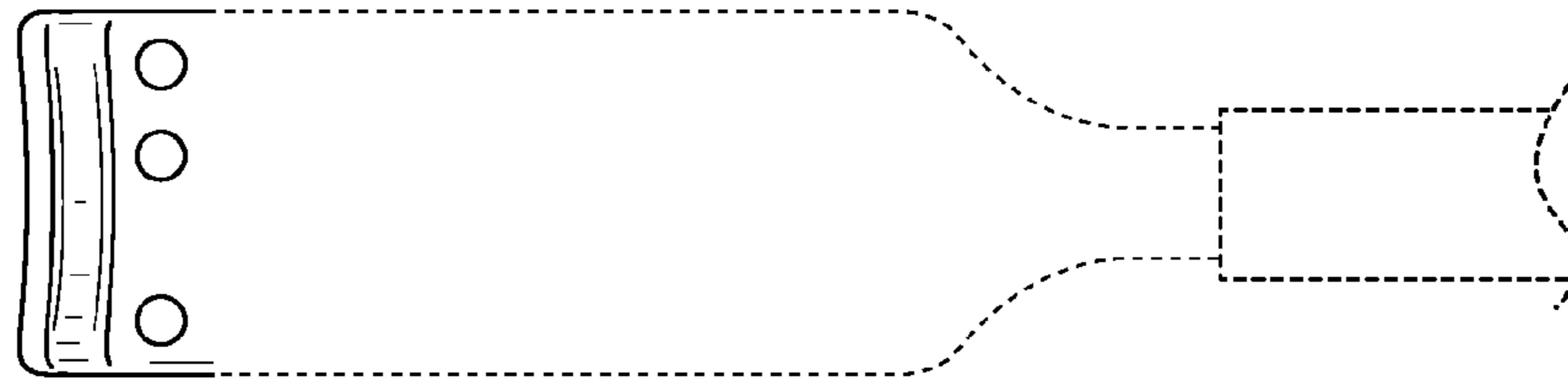


FIG. 24

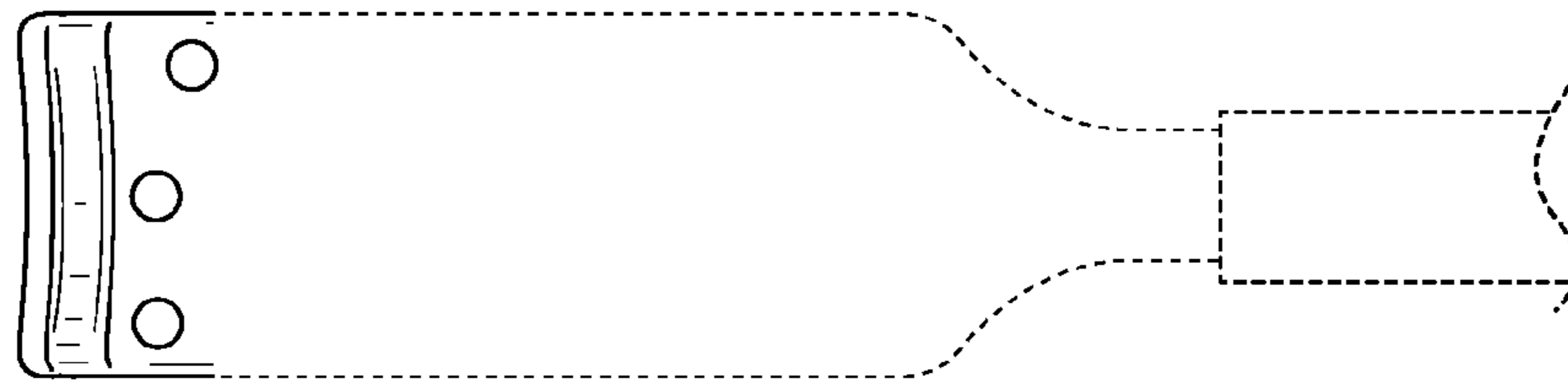


FIG. 25

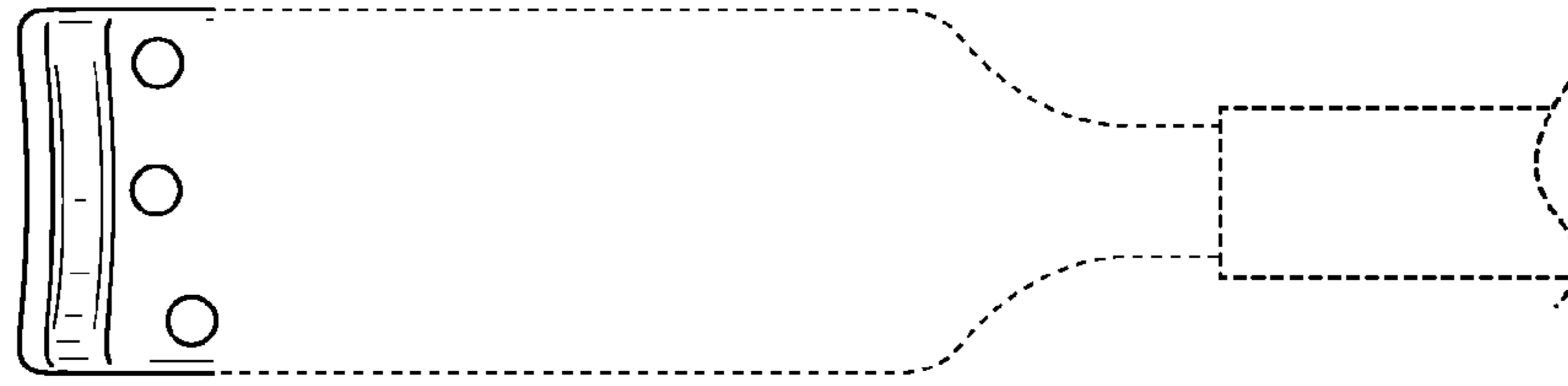


FIG. 26

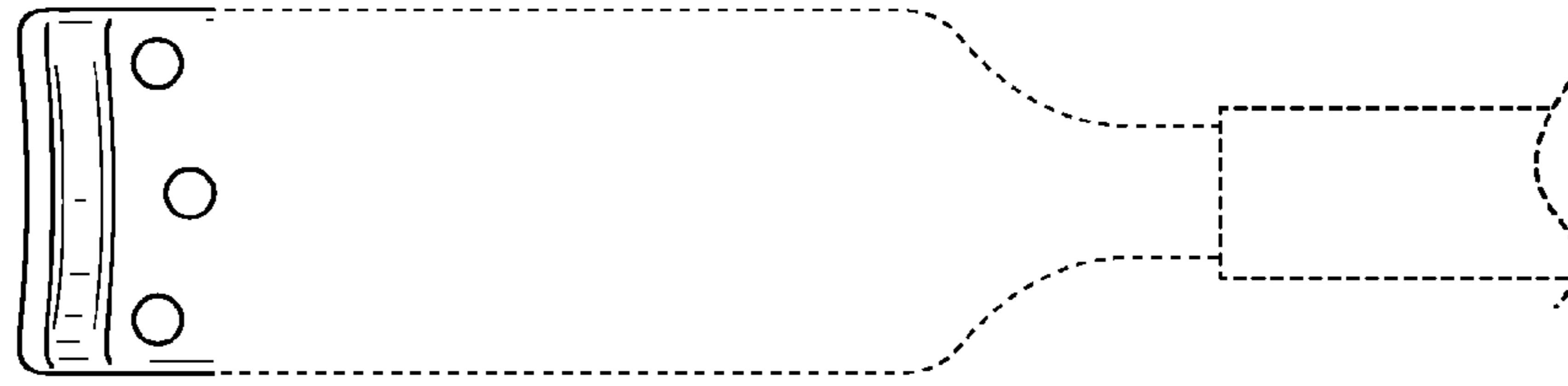


FIG. 27

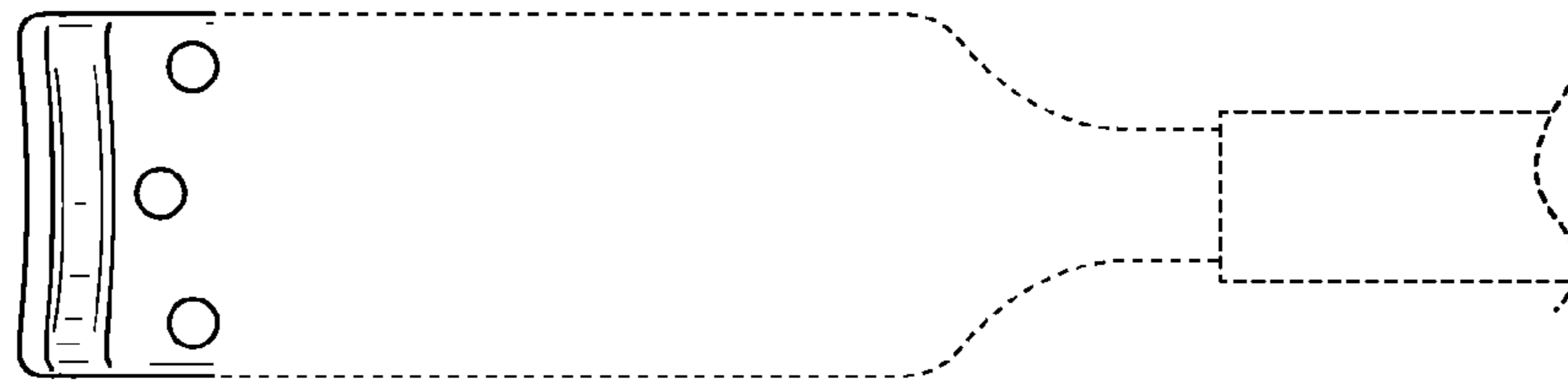


FIG. 28

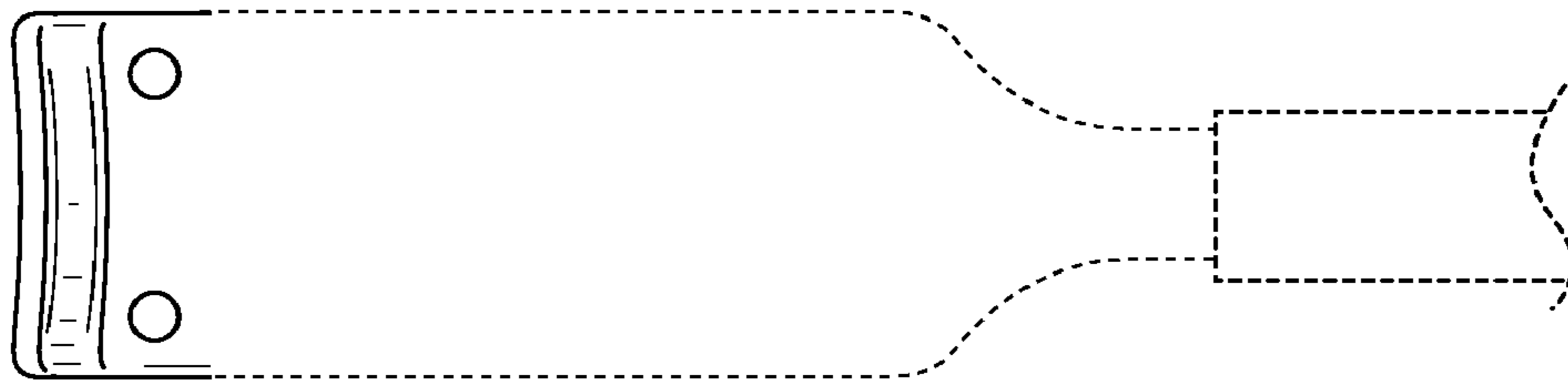


FIG. 29

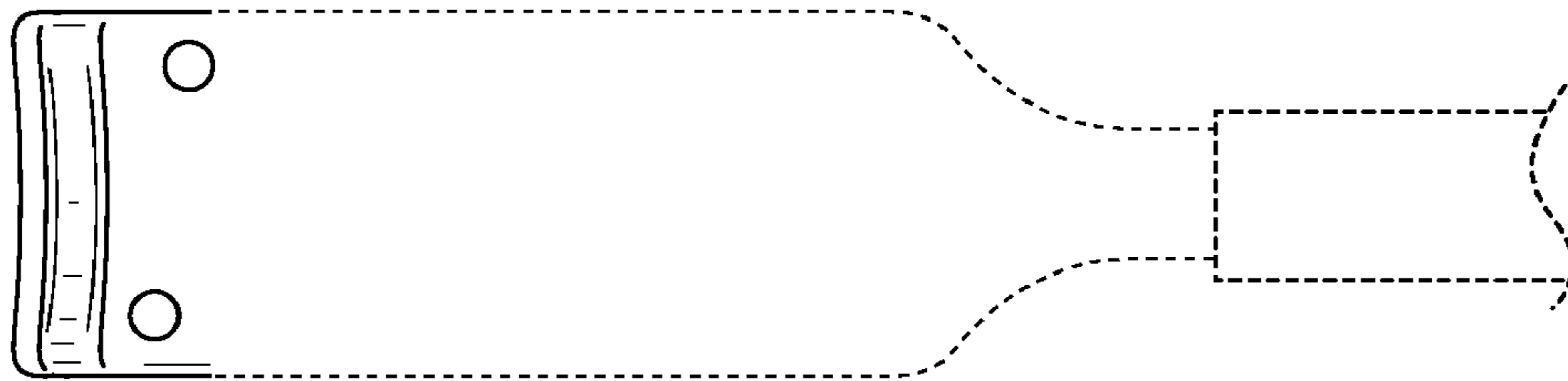


FIG. 30

