



US00D472640S

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

(10) **Patent No.:** **US D472,640 S**

(45) **Date of Patent:** **\*\* Apr. 1, 2003**

(54) **MUSCLE STIMULATION EQUIPMENT**

6,453,203 B1 \* 9/2002 Yamazaki et al. .... 607/149

(75) Inventors: **Louis Crowe**, Galway (IE); **Francis Keating**, Co Galway (IE); **Seamus Monley**, Co Mayo (IE); **Kevin Walsh**, Co Galway (IE)

\* cited by examiner

*Primary Examiner*—Stella Reid  
(74) *Attorney, Agent, or Firm*—Drinker Biddle & Reath LLP

(73) Assignee: **Bio-Medical Research Limited**, Galway (IE)

(57) **CLAIM**

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

The ornamental design for a muscle stimulation equipment, as shown.

(21) Appl. No.: **29/157,481**

**DESCRIPTION**

(22) Filed: **Mar. 20, 2002**

FIG. 1 is a front view of a muscle stimulation equipment according to the invention;

(51) **LOC (7) Cl.** ..... **24-04**

FIG. 2 is a rear view of the muscle stimulation equipment of FIG. 1;

(52) **U.S. Cl.** ..... **D24/200**

FIG. 3 is a right side view of the muscle stimulation equipment of FIG. 1;

(58) **Field of Search** ..... D24/200, 215;  
607/48, 49, 148, 149, 115

FIG. 4 is a left side view of the muscle stimulation equipment of FIG. 1;

(56) **References Cited**

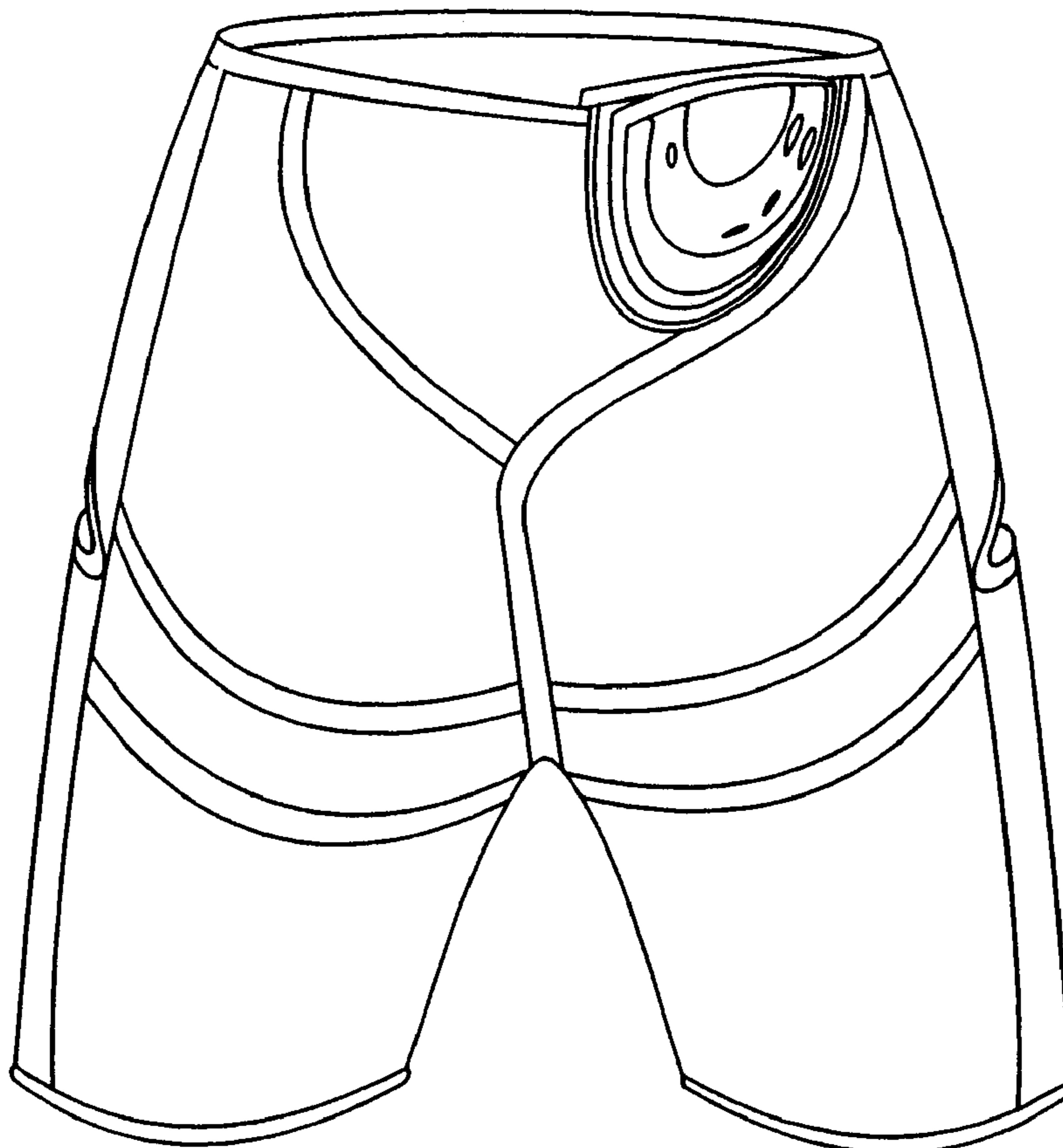
**U.S. PATENT DOCUMENTS**

3,610,250	A	*	10/1971	Sarbacher	.....	607/149
4,317,457	A	*	3/1982	Guillot	.....	607/115
4,729,377	A	*	3/1988	Granek et al.	.....	128/639
5,487,759	A	*	1/1996	Bastyr et al.	.....	607/149
6,151,528	A	*	11/2000	Maida	.....	607/149

FIG. 5 is a perspective view from the front of the muscle stimulation equipment of FIG. 1; and,

FIG. 6 is a perspective view from the rear of the muscle stimulation equipment of FIG. 1.

**1 Claim, 4 Drawing Sheets**



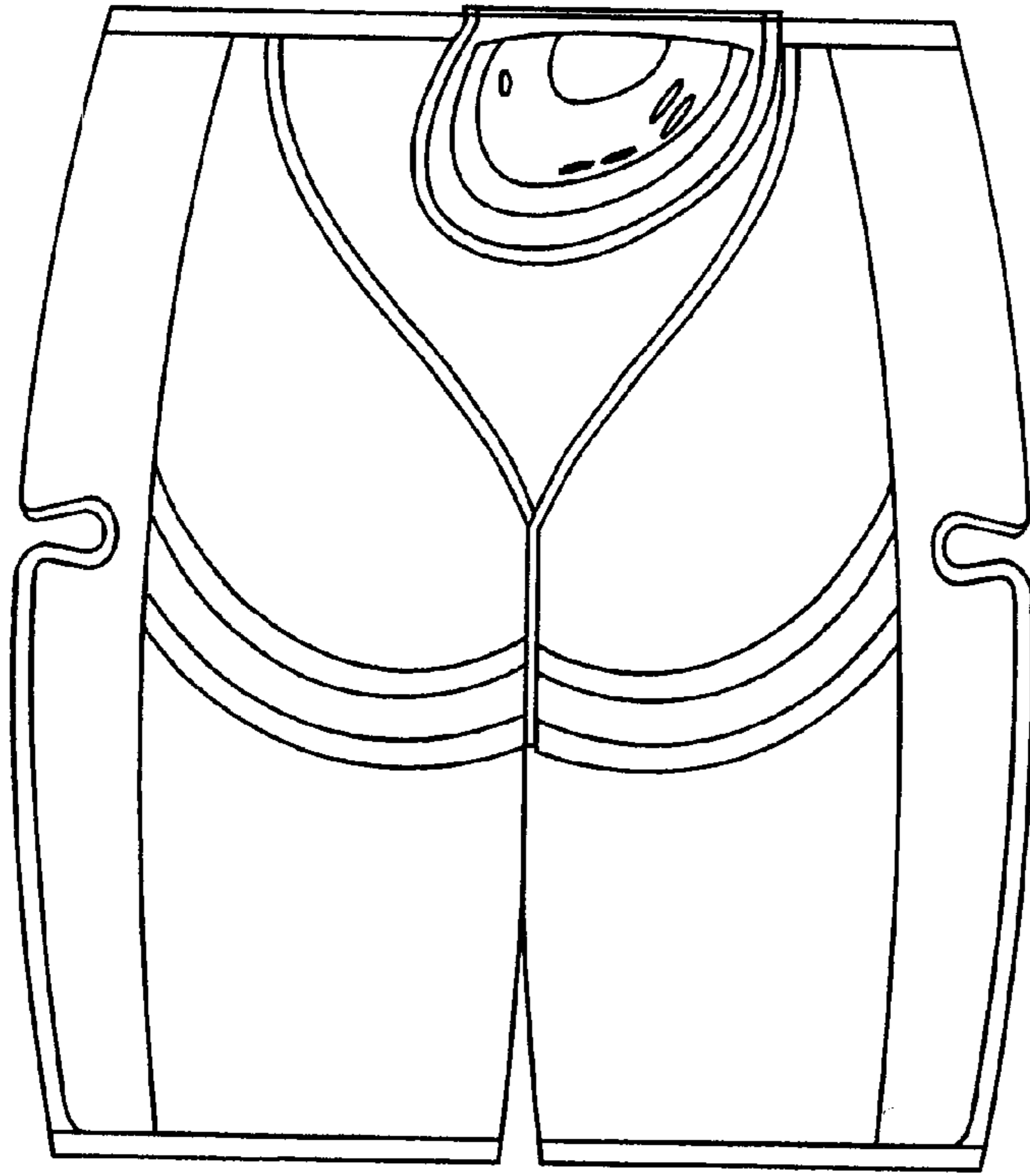


FIG. 1

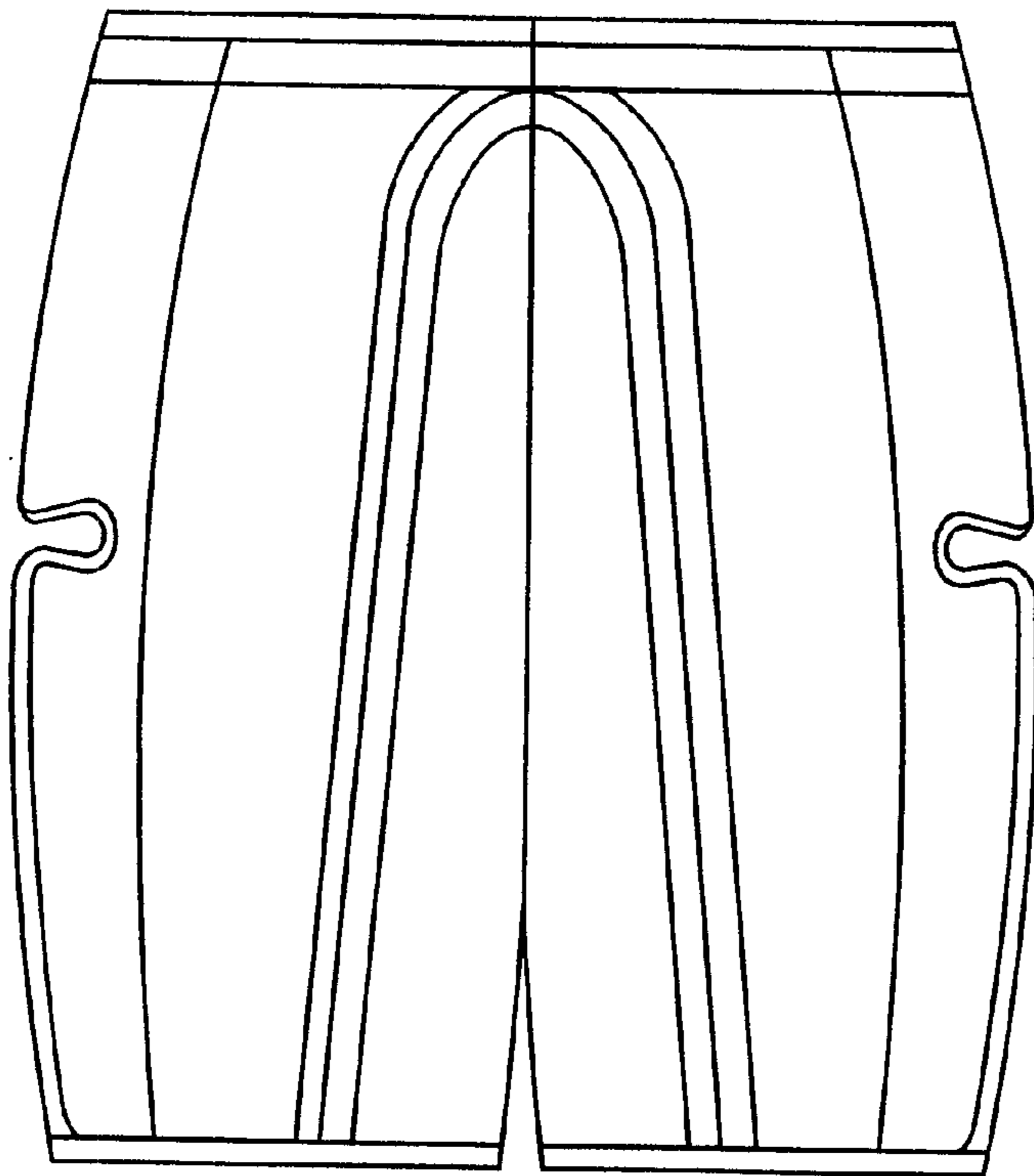


FIG. 2

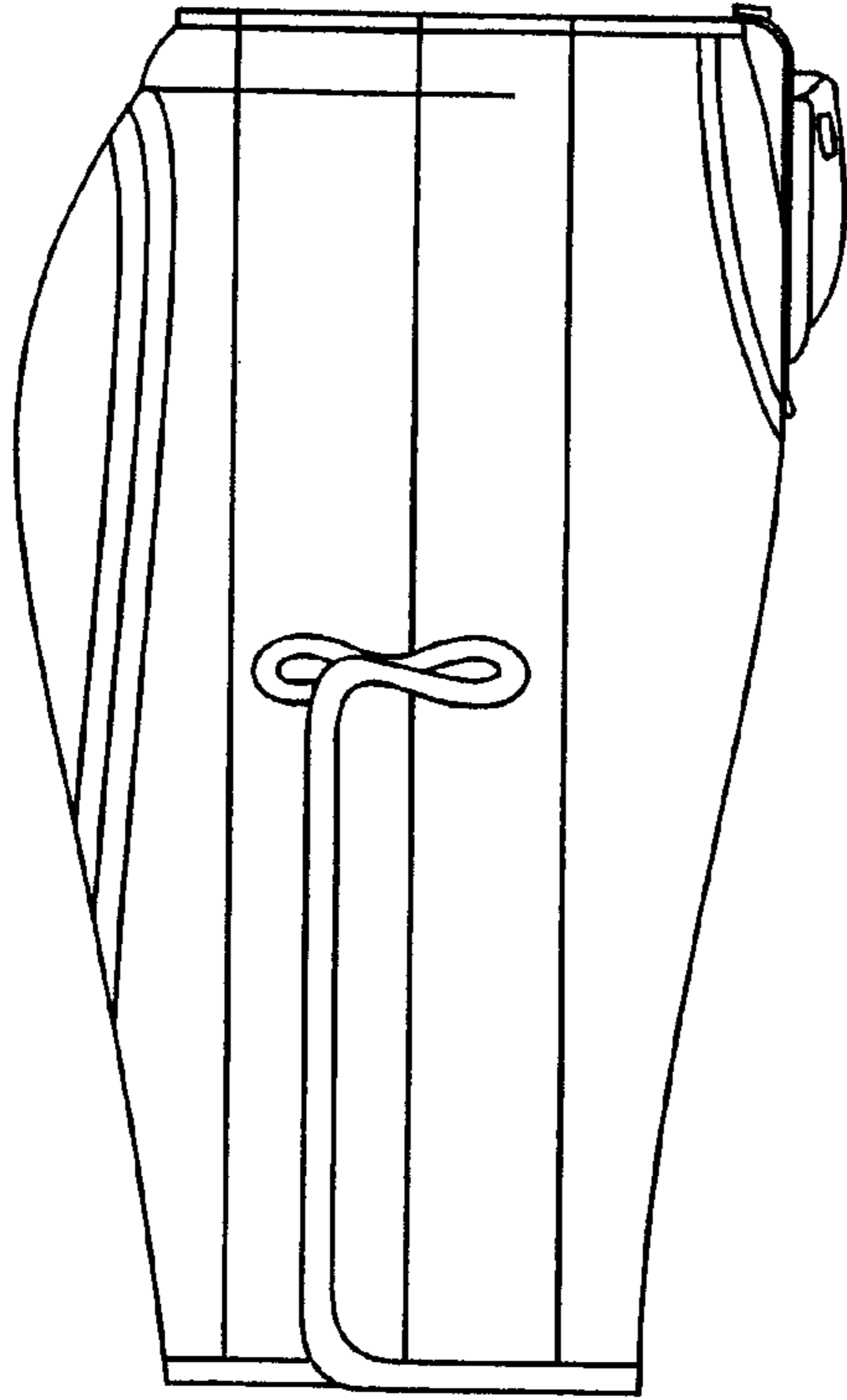


FIG. 3

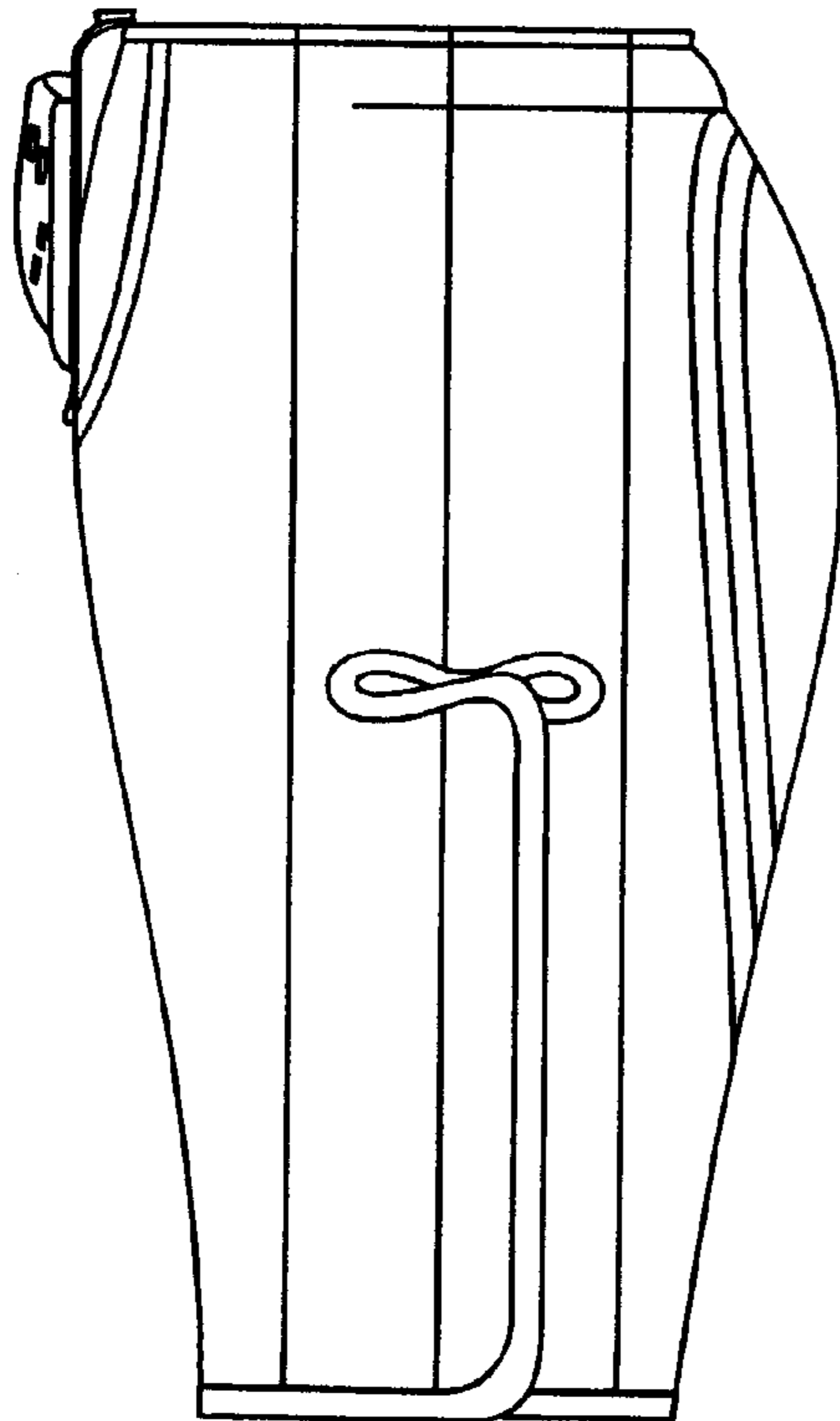


FIG. 4

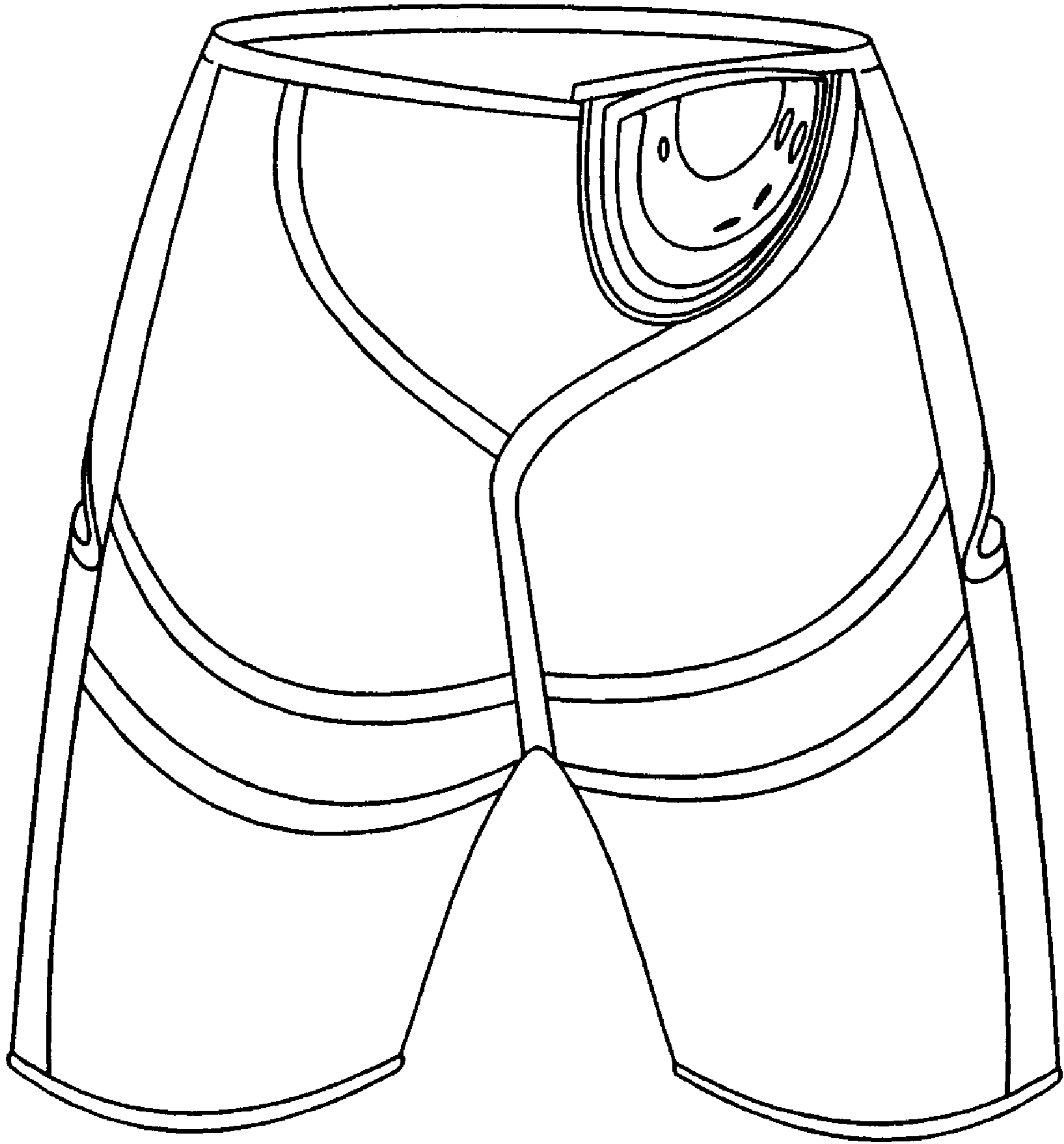


FIG. 5

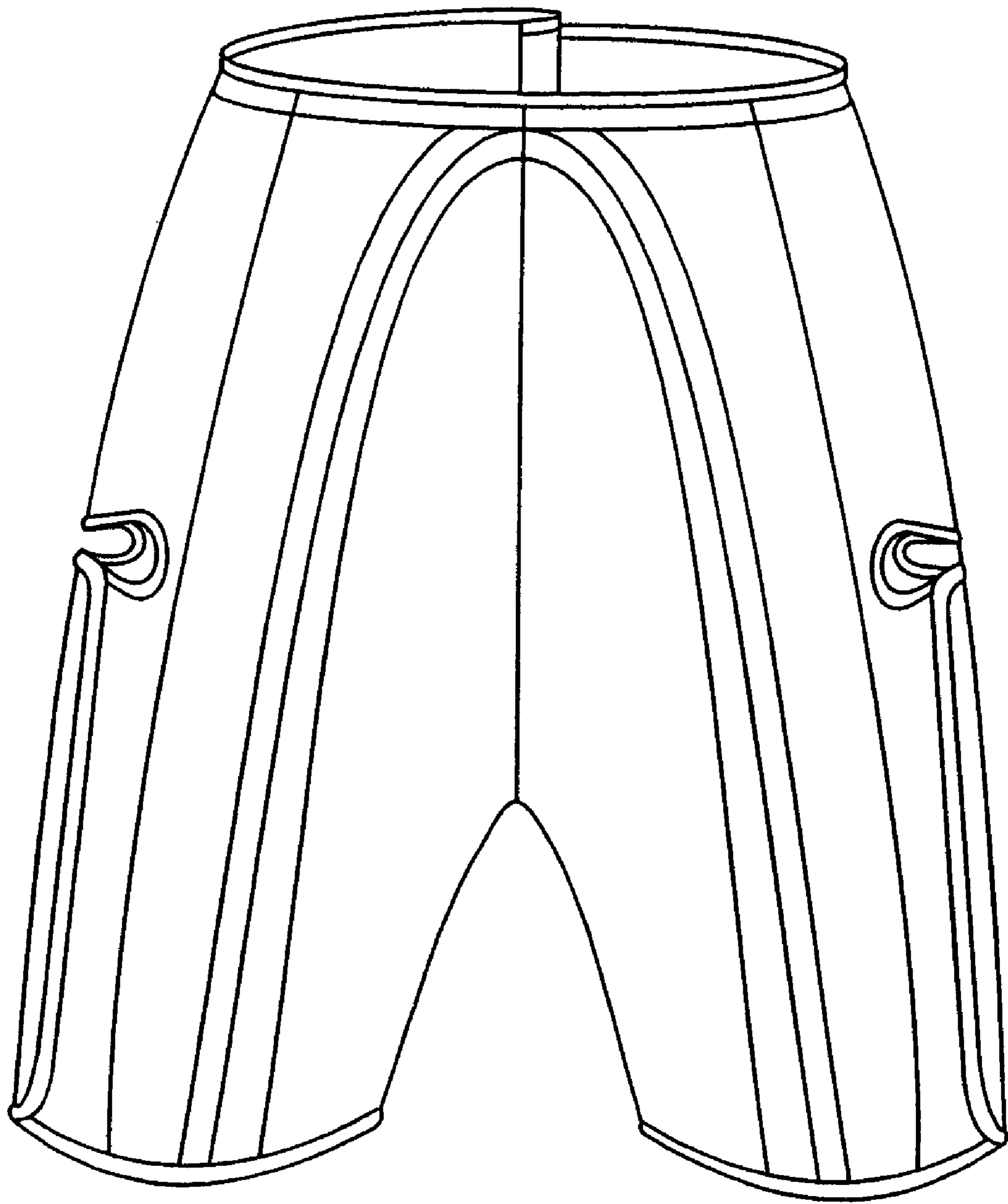


FIG. 6