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**Bergman et al.**

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(54) **MATERIALS HANDLING CONTROLLER**

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(51) **LOC (8) Cl.** ..... **12-05**

(52) **U.S. Cl.** ..... **D34/35; D14/415**

(58) **Field of Classification Search** ..... D34/28, D34/34, 35; D14/415, 412, 416; 244/234, 244/236; 280/43.12; 187/222, 224; D12/179  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,787,746	A	*	4/1957	Redmond	.....	318/580
4,012,014	A	*	3/1977	Marshall	.....	244/234
4,491,325	A	*	1/1985	Bersheim	.....	463/38
D286,064	S	*	10/1986	Adams et al.	.....	D23/245
4,947,701	A	*	8/1990	Hegg	.....	74/471 XY
5,042,314	A	*	8/1991	Rytter et al.	.....	74/335
D336,713	S	*	6/1993	Avitan et al.	.....	D34/35
D362,330	S	*	9/1995	Avitan et al.	.....	D34/35
5,591,082	A	*	1/1997	Jensen et al.	.....	463/38
D413,880	S	*	9/1999	Barnes et al.	.....	D14/416
6,152,676	A	*	11/2000	Evert et al.	.....	414/631
D445,232	S	*	7/2001	Price	.....	D34/35
6,425,729	B1	*	7/2002	Coutant	.....	414/685

D481,658	S	*	11/2003	Ryan et al.	.....	D12/179
6,789,964	B1	*	9/2004	Kawaguchi	.....	400/124.22
6,871,721	B1	*	3/2005	Smiley et al.	.....	180/333
D515,770	S	*	2/2006	Ryan et al.	.....	D34/35

**OTHER PUBLICATIONS**

Jungheinrich specification brochure entitled Jungheinrich High Rack Stacker and Order Picker ETX KOMBI ac 125, 150 K and 150 L.

Photographs of lift truck.

BT Vector C 12.5 Produktinformation brochure.

J.W. Winco, Inc. advertisement page for Inch Size, Technopolymer Plastic Solid Disk Handwheels Elessa Model VDS+IRS.

Valtra Inc. advertisement brochure for A15 Plastic Handwheels.

Photograph of milling machine.

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a materials handling controller, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of a materials handling controller showing our new design, the view taken from left front of the controller;

FIG. 2 is an elevational view of the left side of the controller; FIG. 3 is an elevational view of the right side of the controller;

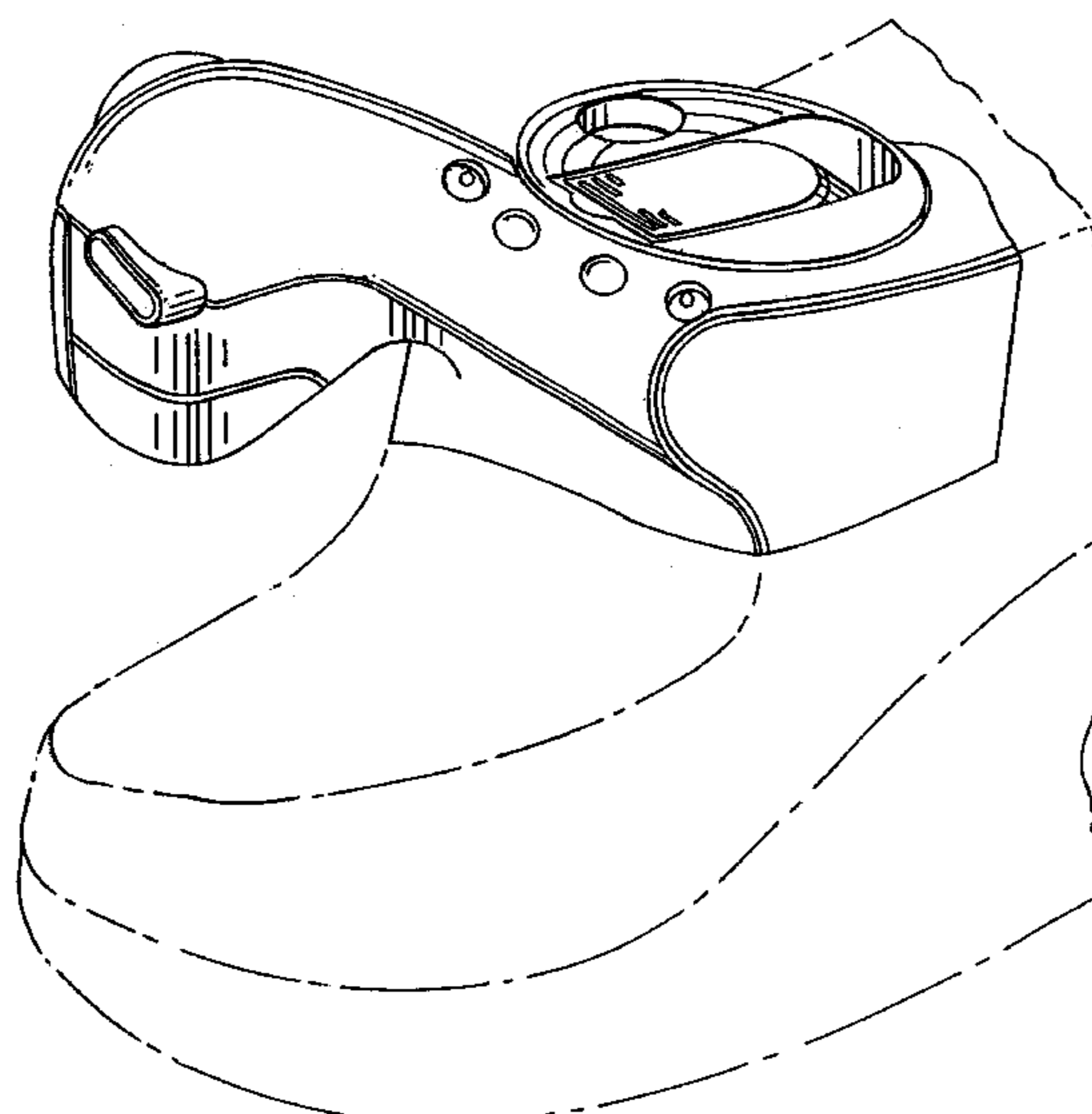
FIG. 4 is a top view of the controller;

FIG. 5 is an elevational front view of the controller; and, FIG. 6 is an elevational back view of the controller.

The bottom of the controller is plain and unornamented.

The broken line showing in the figures is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



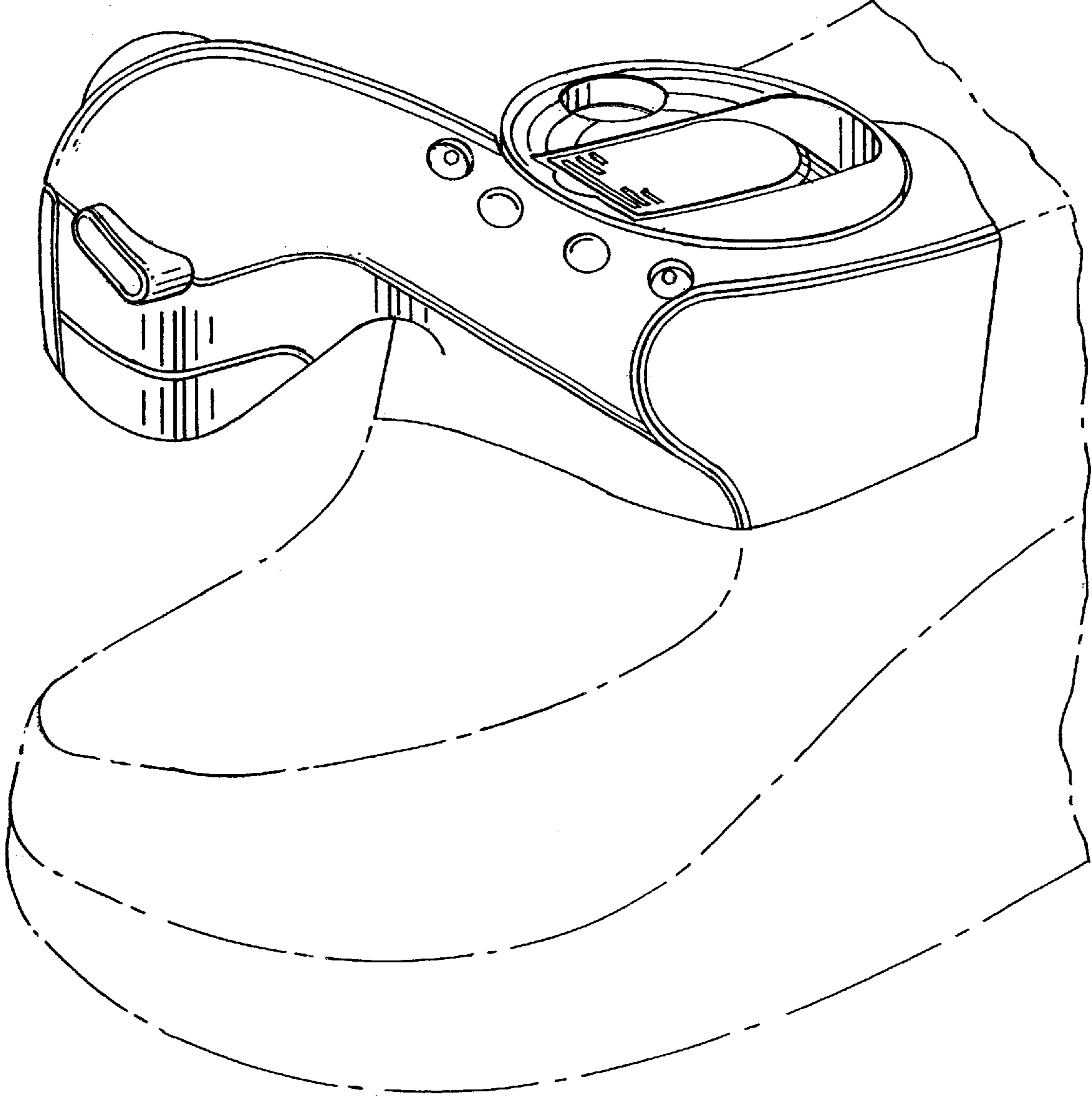


FIG. 1

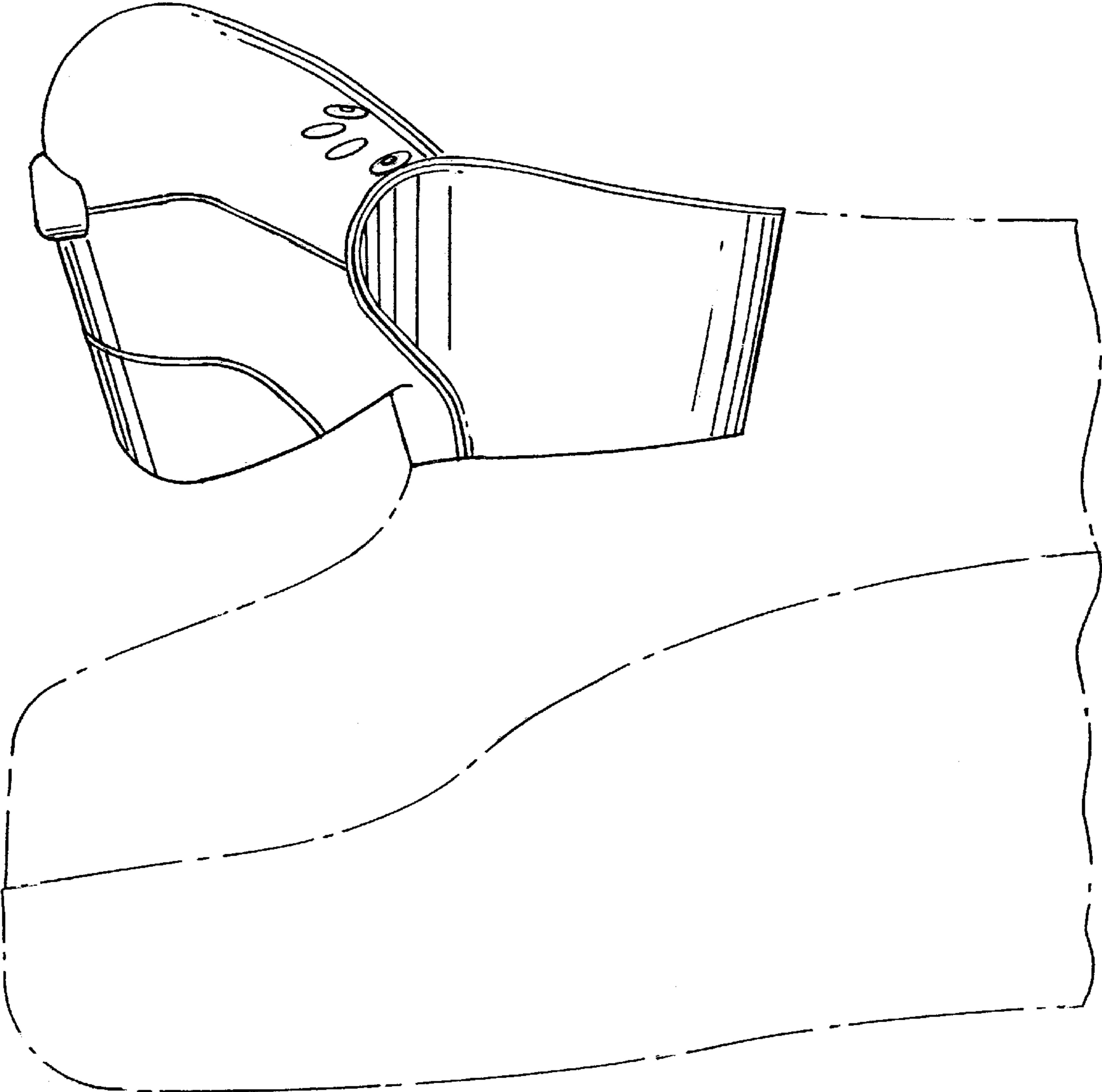


FIG. 2

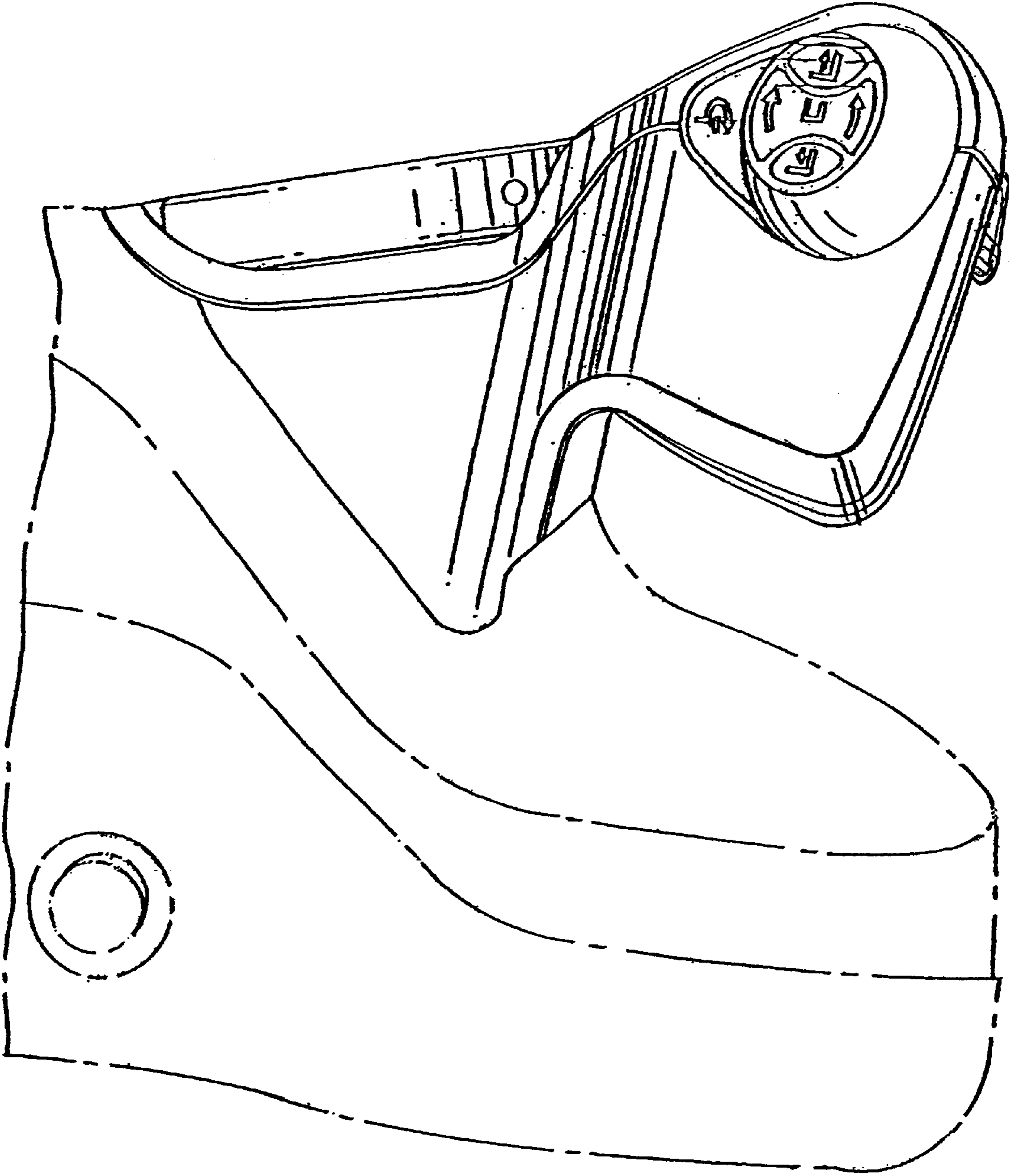


FIG.3

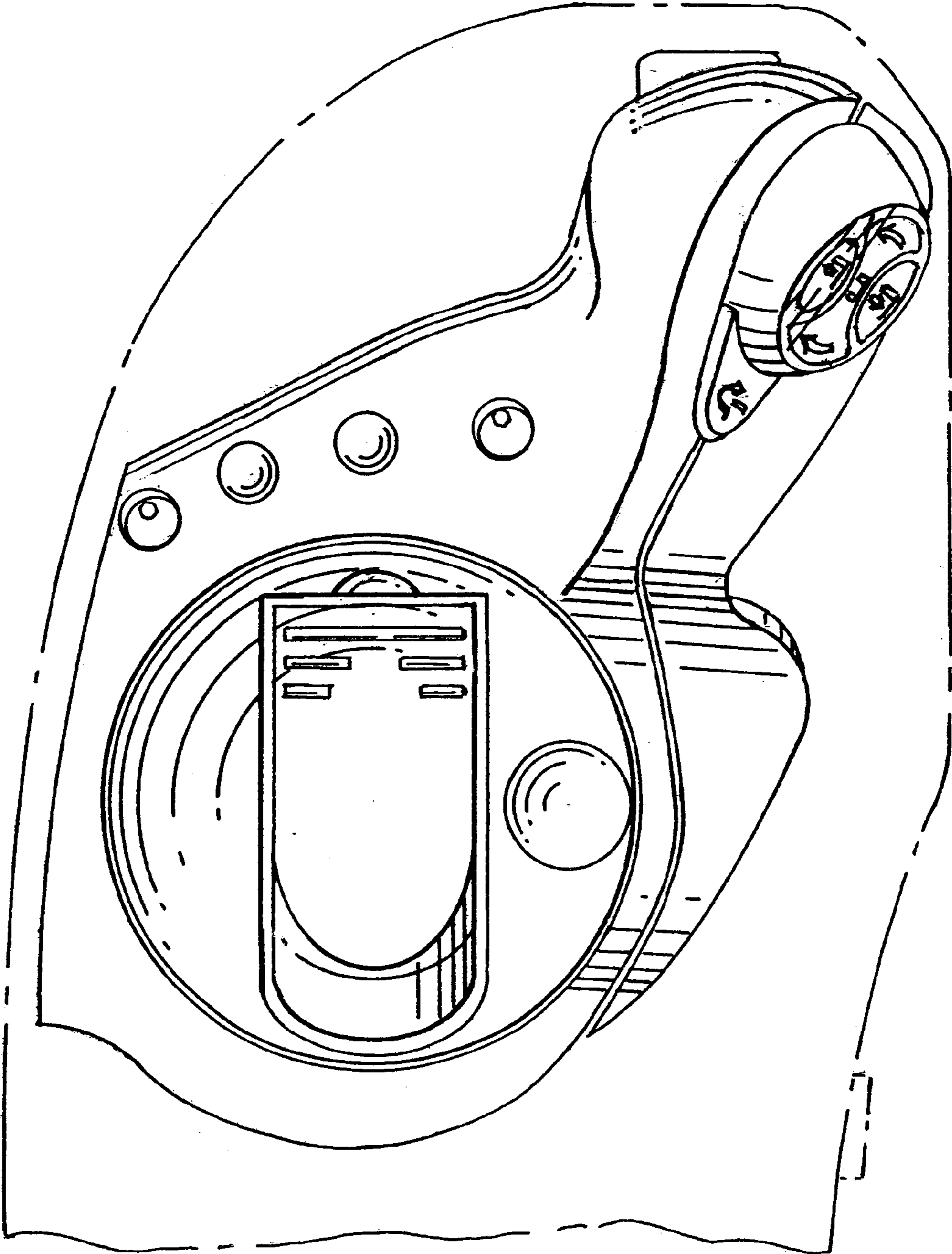


FIG. 4

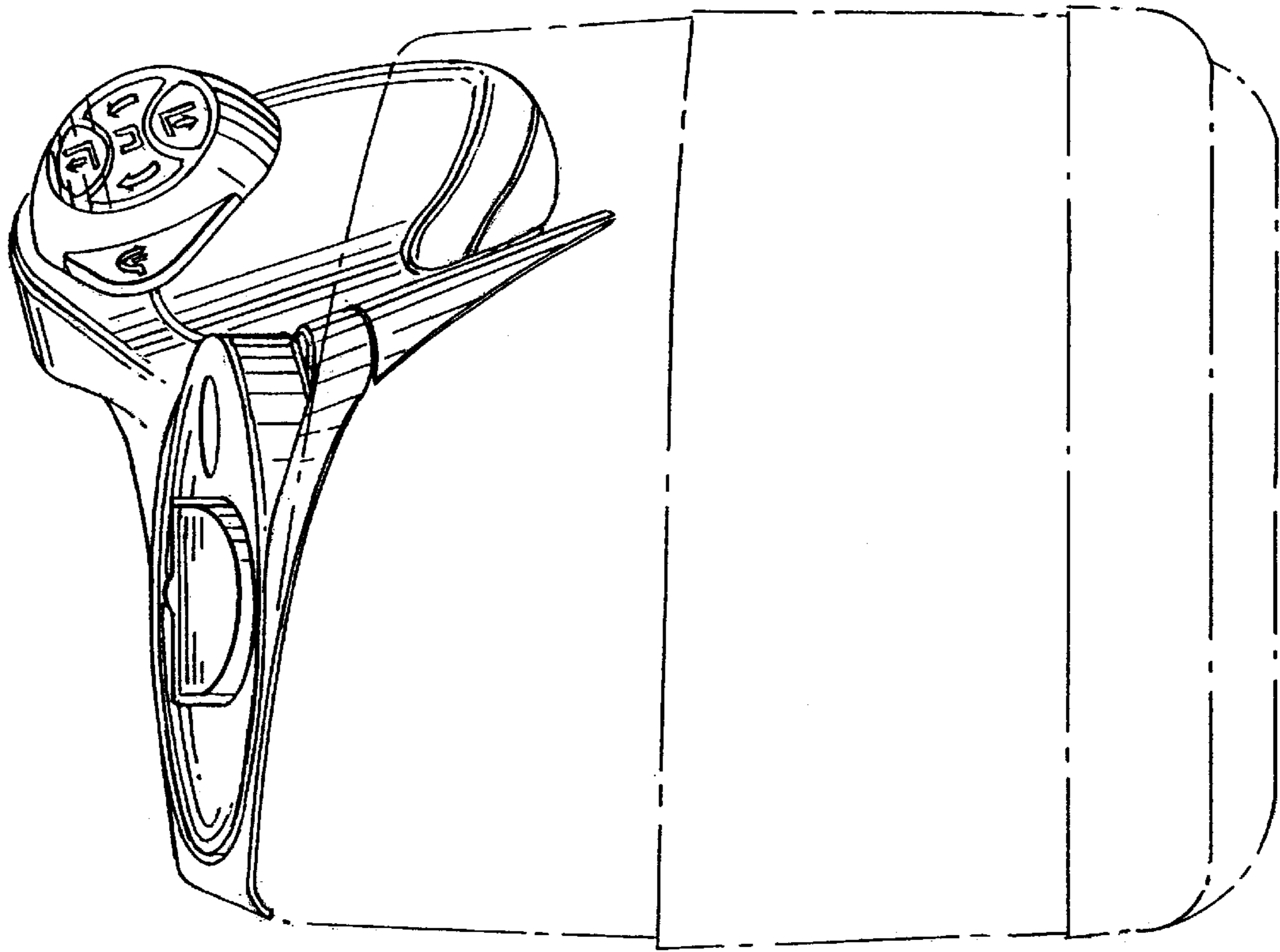


FIG. 5

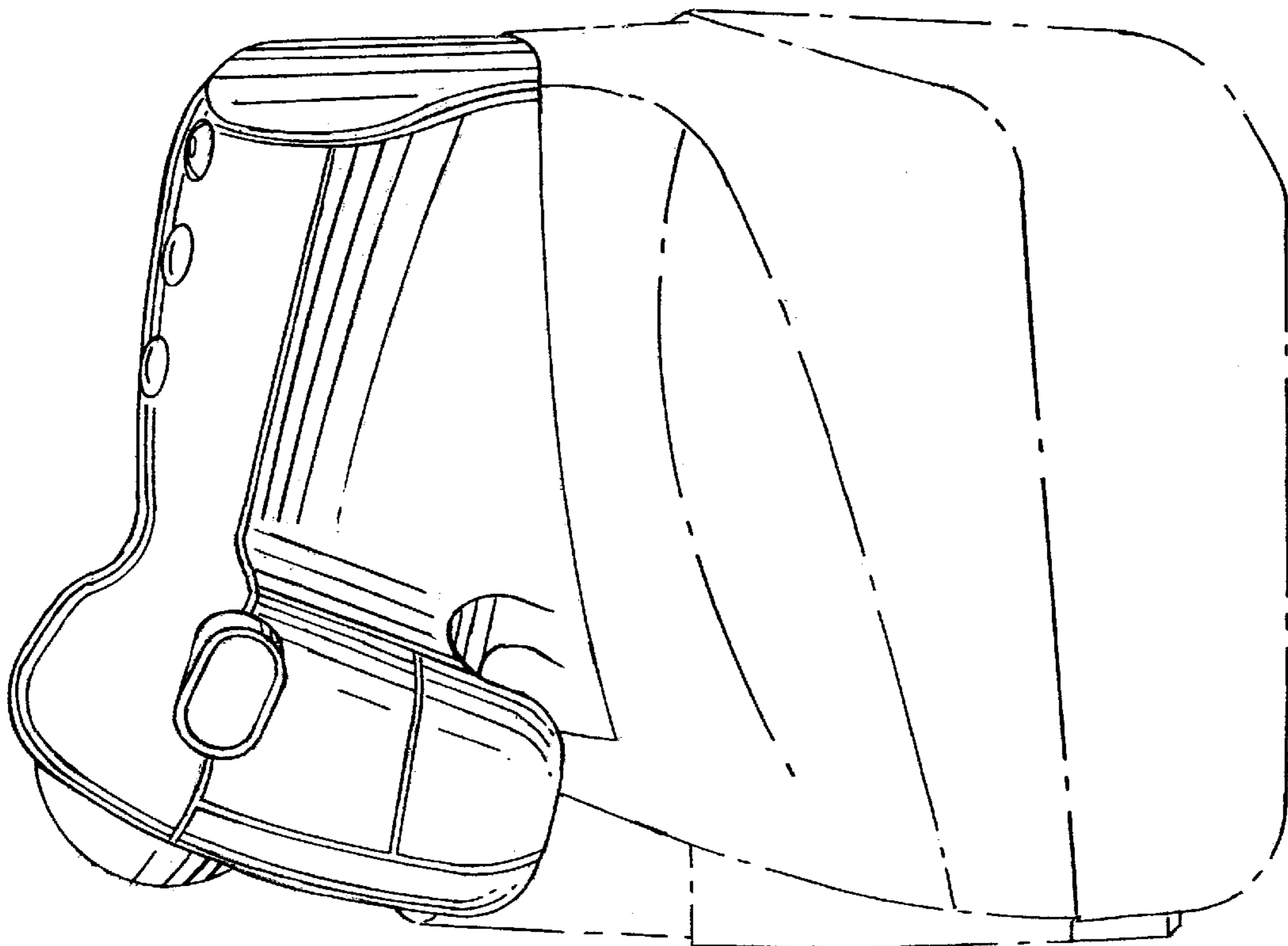


FIG. 6