

US00D383803S

United States Patent [19]
Cheng

[11] **Patent Number: Des. 383,803**

[45] **Date of Patent: **Sep. 16, 1997**

[54] **JOY STICK**

[75] **Inventor: Fu Chin Cheng, Taipei Hsien, Taiwan**

[73] **Assignee: Sysgration, Ltd., Taipei Hsien, Taiwan**

[**] **Term: 14 Years**

[21] **Appl. No.: 58,142**

[22] **Filed: Aug. 8, 1996**

[51] **LOC (6) Cl. 21-01**

[52] **U.S. Cl. D21/48**

[58] **Field of Search D21/13, 48, 1;
273/148 B; 463/30-36, 40-47; D14/217,
124, 100, 114**

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 354,092	1/1995	Ho	.....	D21/48
D. 362,872	10/1995	Chan	.....	D21/48
D. 369,835	5/1996	Couch et al.	.....	D21/48
D. 372,470	8/1996	Hsien	.....	D21/48 X
4,491,325	1/1985	Bersheim	.....	463/46 X
4,509,383	4/1985	Yeh	.....	463/38 X

OTHER PUBLICATIONS

Playthings, Sep. 1988, p. 50.
HongKong Electronics, 1985, p. 9.
Vending Times, Jul. 1982.

Primary Examiner—Prabhakar G. Deshmukh
Attorney, Agent, or Firm—Bacon & Thomas

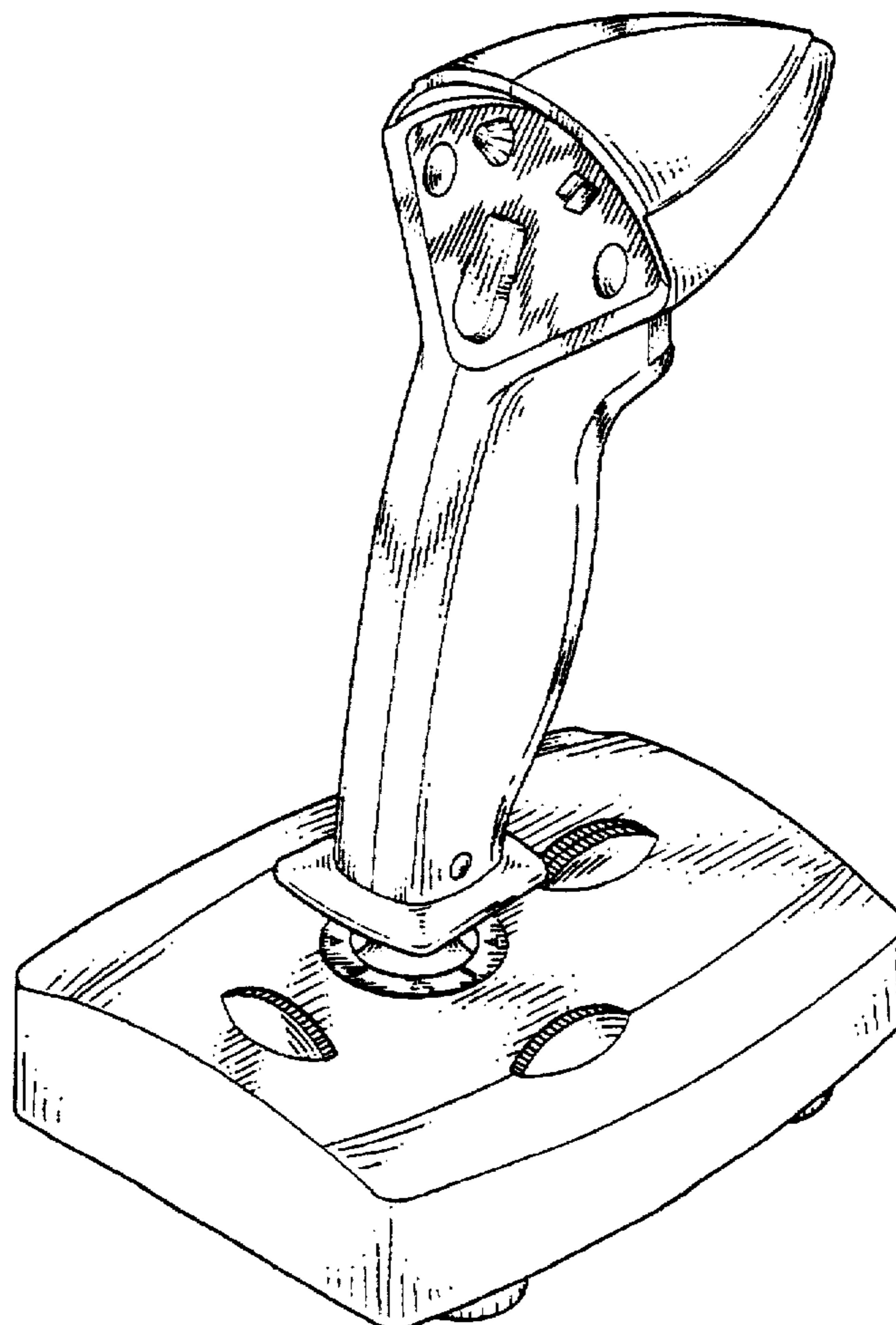
[57] **CLAIM**

The ornamental design for a joy stick, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a joy stick showing my design;
FIG. 2 is a front perspective view thereof;
FIG. 3 is a rear perspective view thereof;
FIG. 4 is a left side elevation view thereof;
FIG. 5 is a right rear perspective view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 4 Drawing Sheets



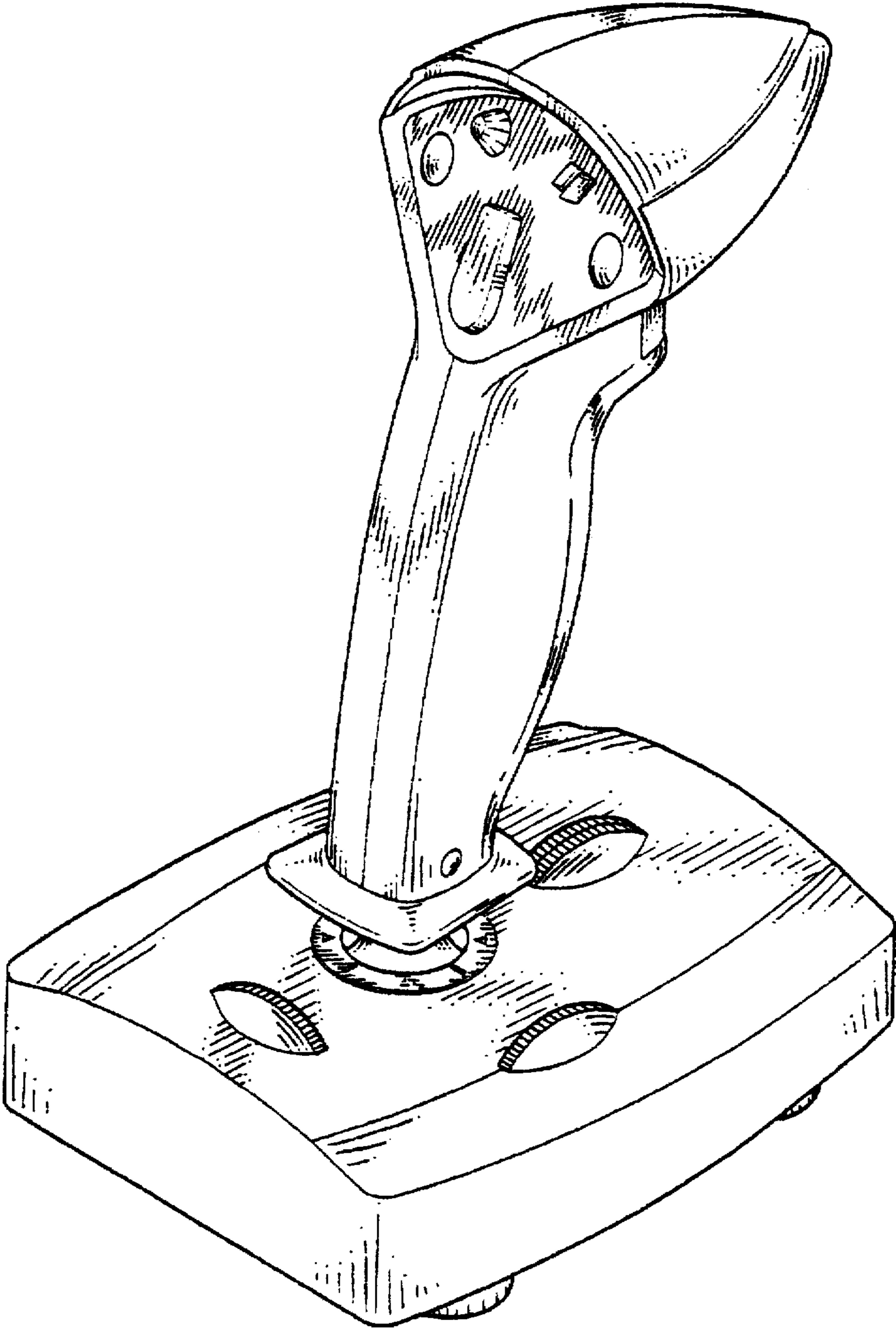


FIG. 1

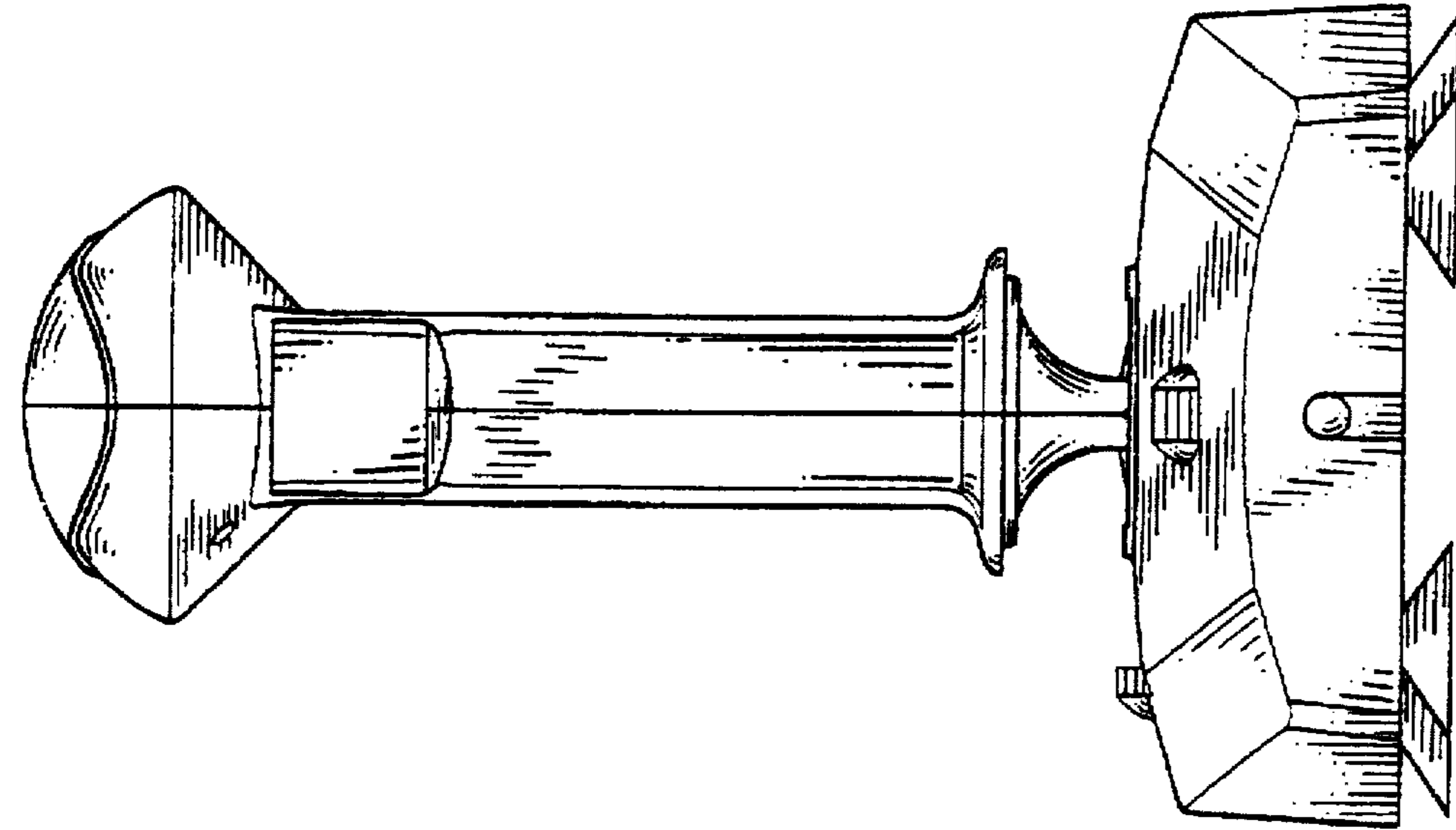


FIG. 3

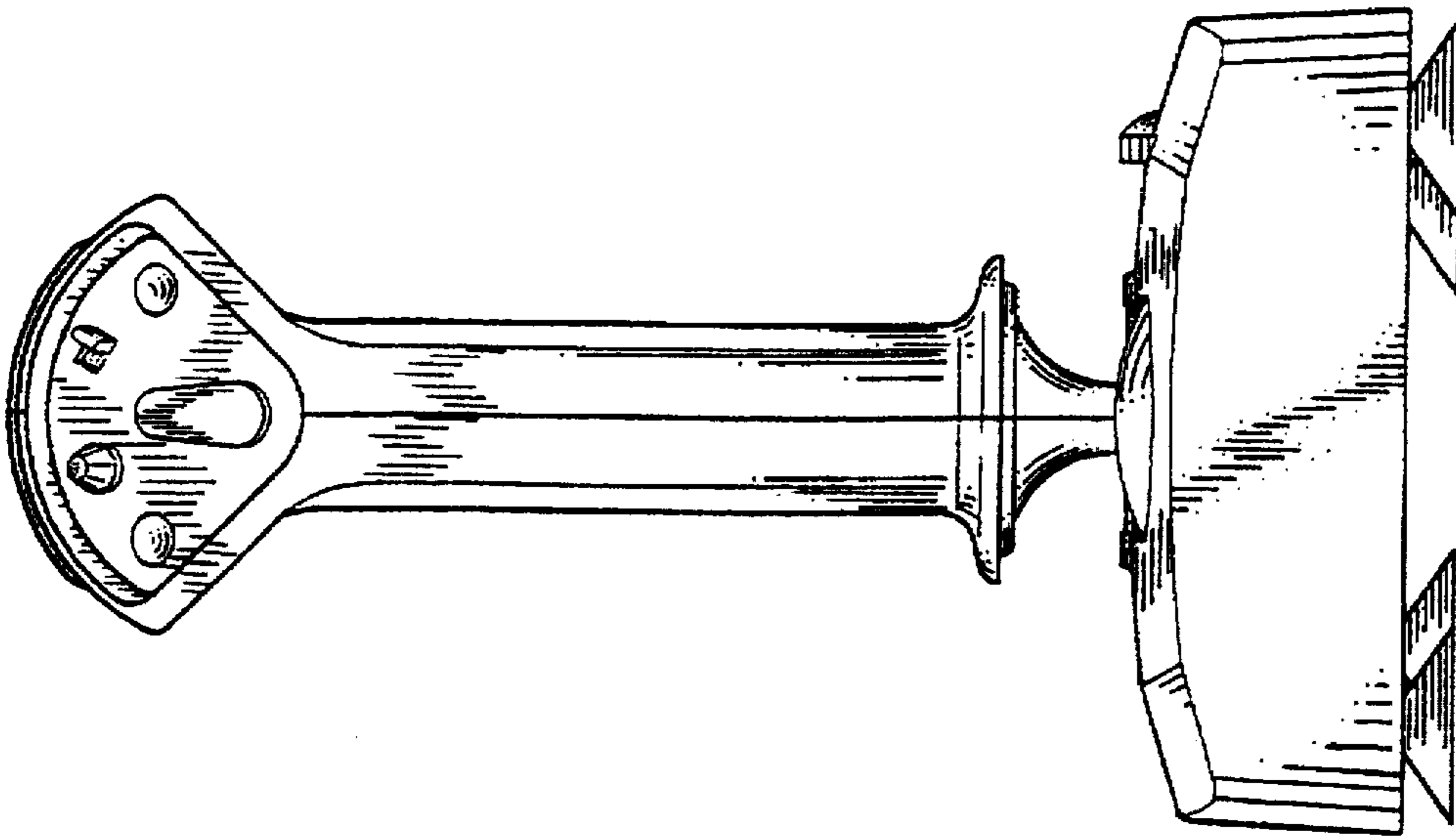


FIG. 2

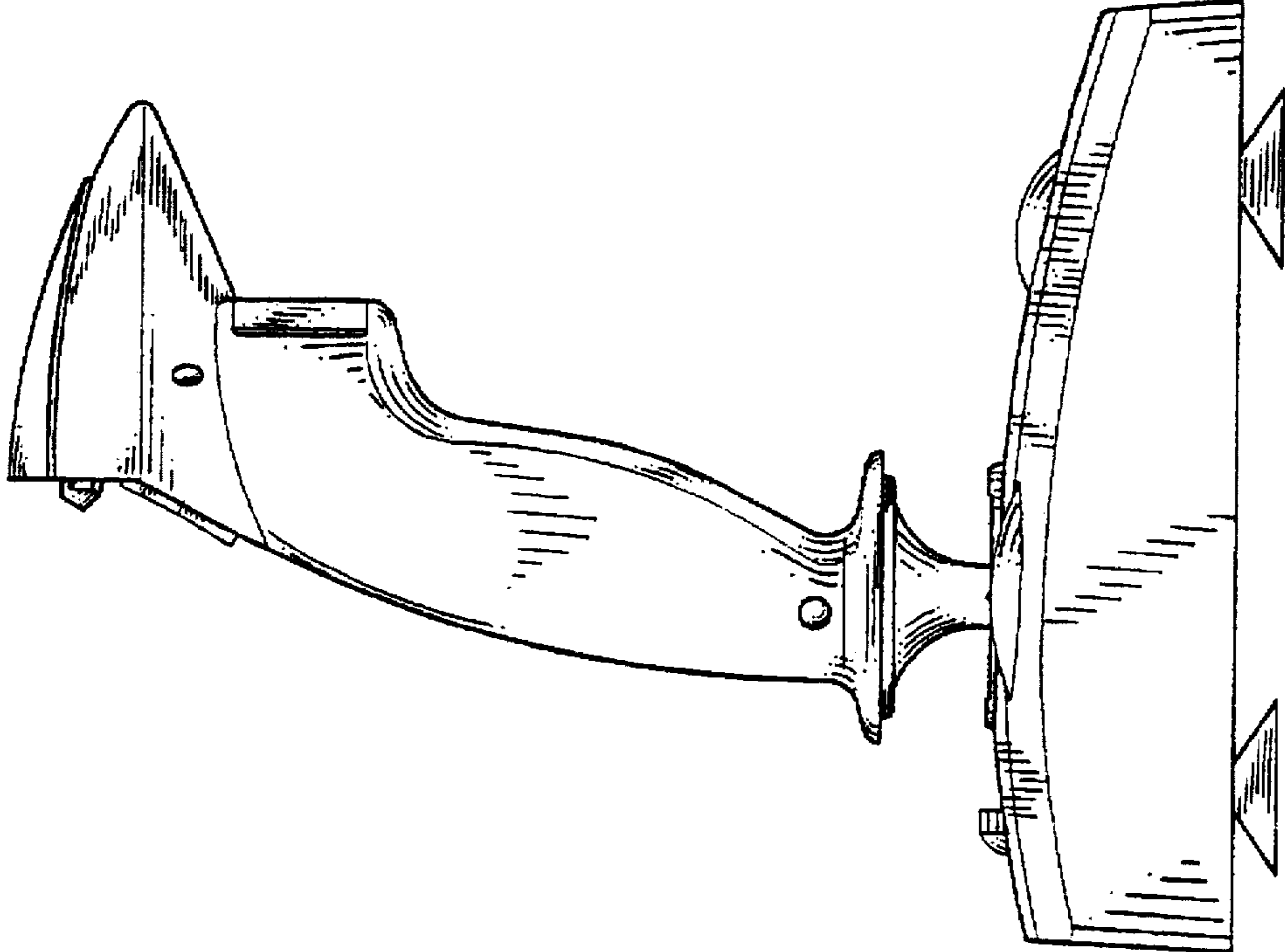


FIG. 4

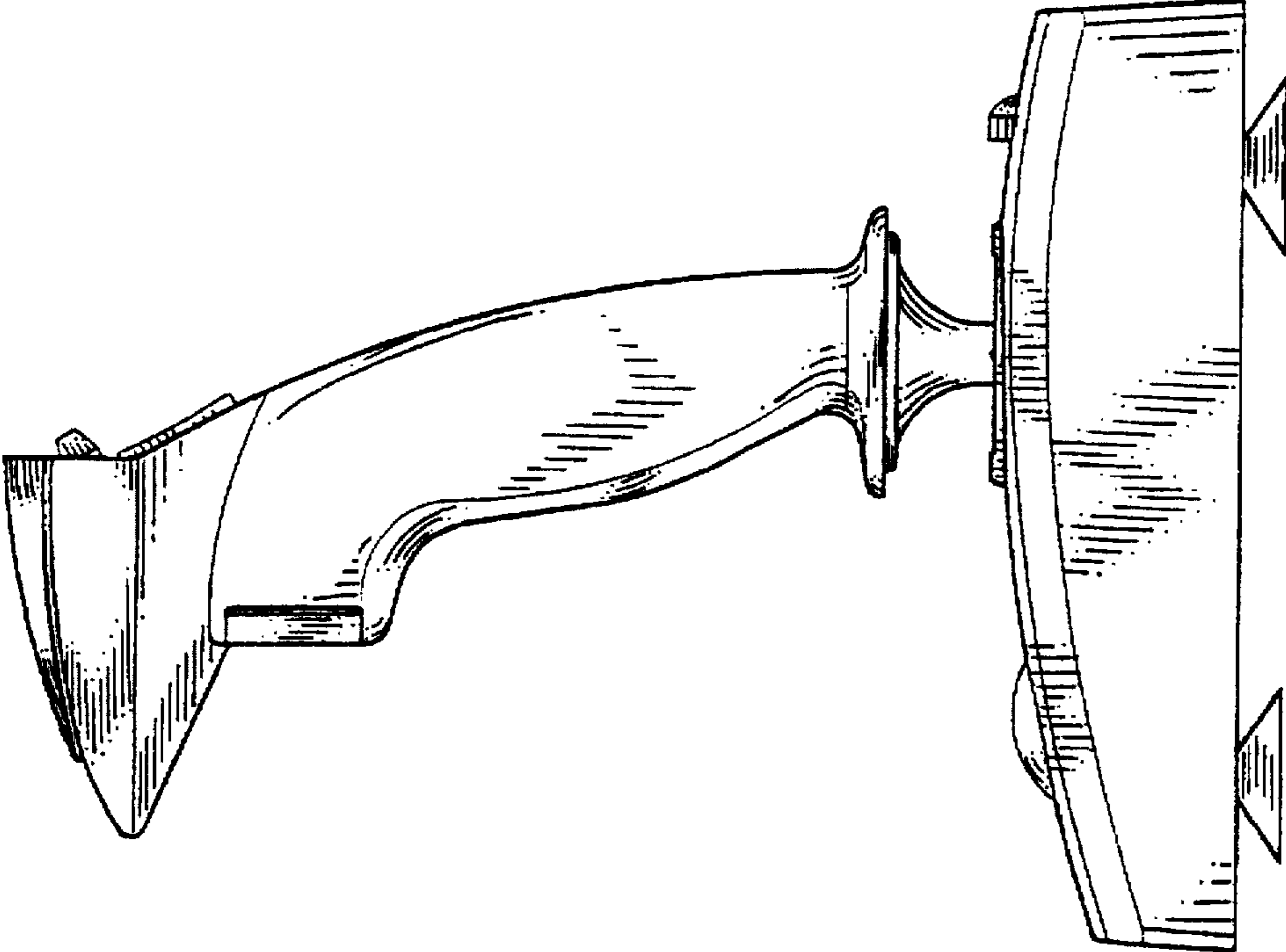


FIG. 5

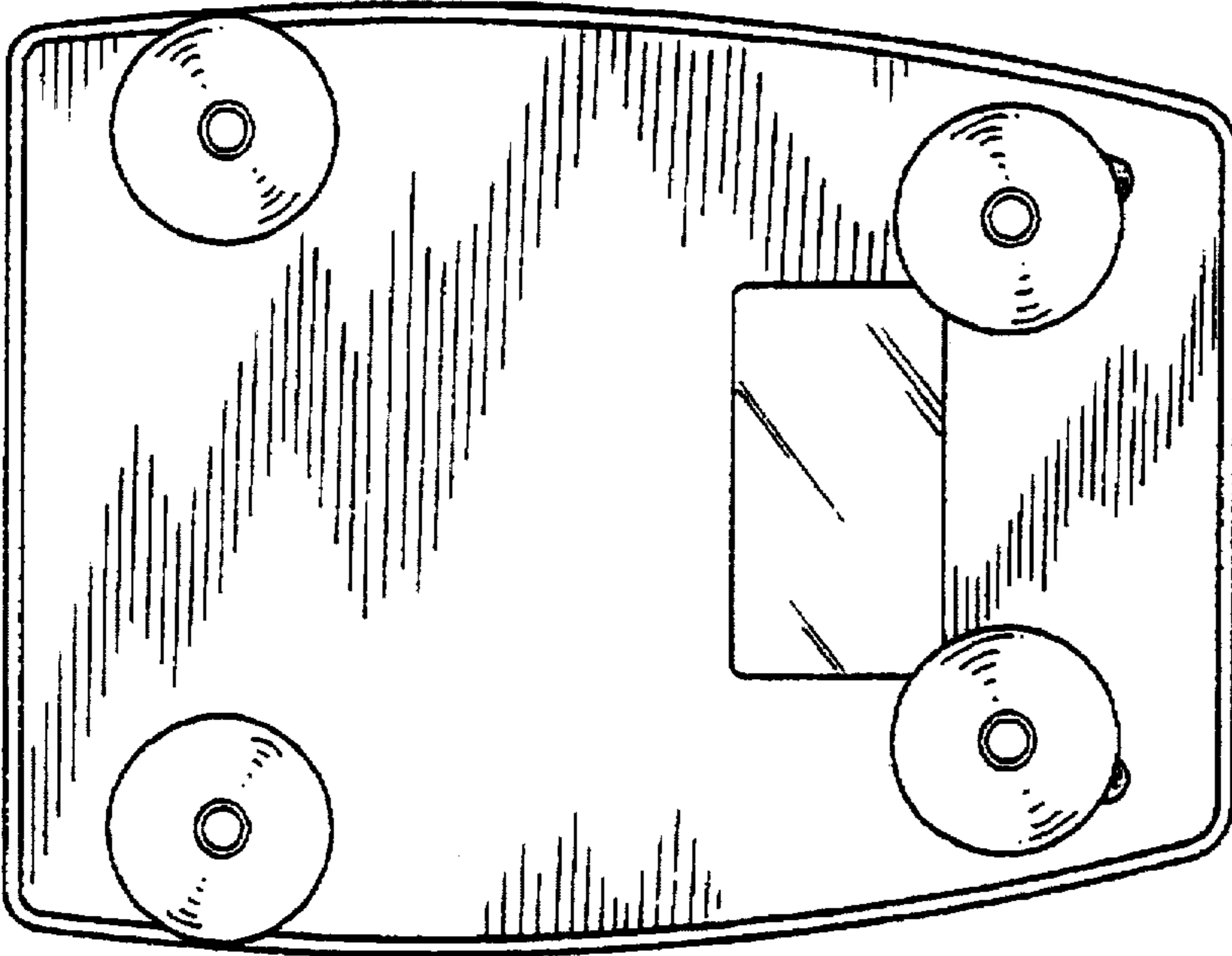


FIG. 7

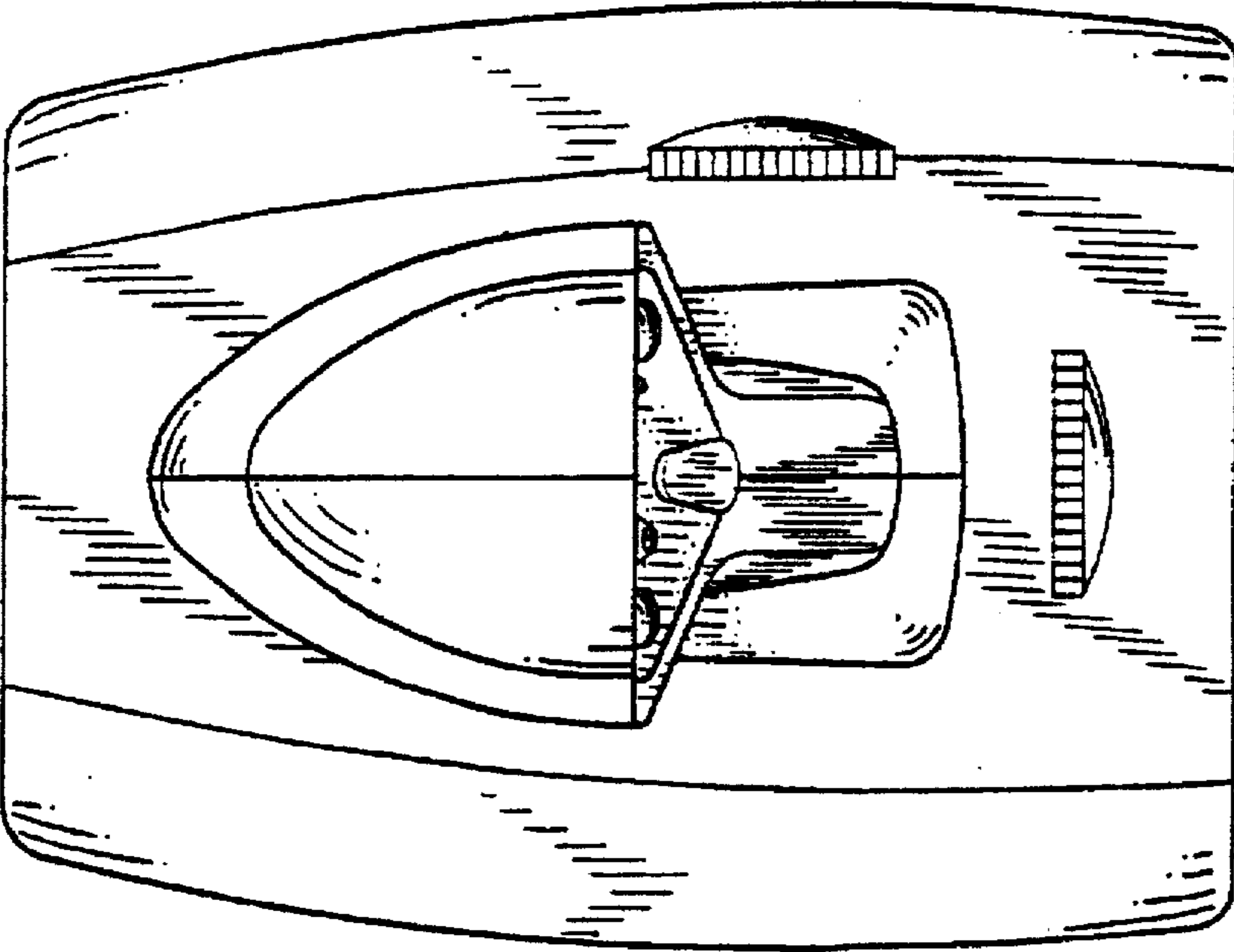


FIG. 6