

US00D394855S

# United States Patent [19]

Ahearn et al.

[11] Patent Number: **Des. 394,855**

[45] Date of Patent: **\*\*Jun. 2, 1998**

## [54] HAND-HELD OPTICAL SCANNER

[75] Inventors: **Kevin J. Ahearn; Stephen Charles Allen**, both of Matthews, N.C.; **James M. DeArras**, Richmond, Va.

[73] Assignee: **Hand Held Products, Inc.**, Charlotte, N.C.

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

[21] Appl. No.: **60,856**

[22] Filed: **Oct. 9, 1996**

### Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 40,170, Jun. 12, 1995, abandoned.

[51] LOC (6) Cl. .... **14-02**

[52] U.S. Cl. .... **D14/116**

[58] Field of Search ..... D14/100, 105, D14/106, 114, 116; 25/556, 563; 235/375, 377, 472, 470, 380, 382, 382.5, 463, 476, 482; 379/96

### [56] References Cited

#### U.S. PATENT DOCUMENTS

- D. 248,946 8/1978 Koenig .
- D. 272,348 1/1984 Gonzales et al. .
- D. 297,431 8/1988 Beard et al. .
- D. 297,432 8/1988 Stant et al. .
- D. 308,865 6/1990 Weaver et al. .
- D. 308,968 7/1990 Morun et al. .
- D. 311,393 10/1990 Weaver et al. .
- D. 320,013 9/1991 Siemiatkowski et al. .... D14/116
- D. 337,316 7/1993 Ruiten ..... D14/116 X
- D. 343,170 1/1994 Gilpin et al. .... D14/116
- D. 350,334 9/1994 Kumar et al. .... D14/116 X
- 4,305,508 12/1981 Rodgers .
- 4,335,303 6/1982 Call .
- 4,432,521 2/1984 Douglas .
- 4,505,395 3/1985 Nathan .
- 4,570,057 2/1986 Chadima, Jr. et al. .
- 4,654,818 3/1987 Wetterau, Jr. .
- 4,694,182 9/1987 Howard .

- 4,801,786 1/1989 Stobbe .
- 4,835,372 5/1989 Gombrich et al. .
- 4,841,129 6/1989 Tawara et al. .
- 4,850,009 7/1989 Zook et al. .

### OTHER PUBLICATIONS

Symbol LS 8120II/8125II Solid State Laser Scanner with Integrated RS 232C interface, Publication No. 877 VA, ©1987 Symbol Technologies, Inc.  
Symbol Technologies, Inc., 1987—Front of Flyer—LS7000II—Hand-held laser scanner.

*Primary Examiner*—Freda Nunn  
*Attorney, Agent, or Firm*—Bell Seltzer Intellectual Property Law Group of Alston & Bird LLP

### [57] CLAIM

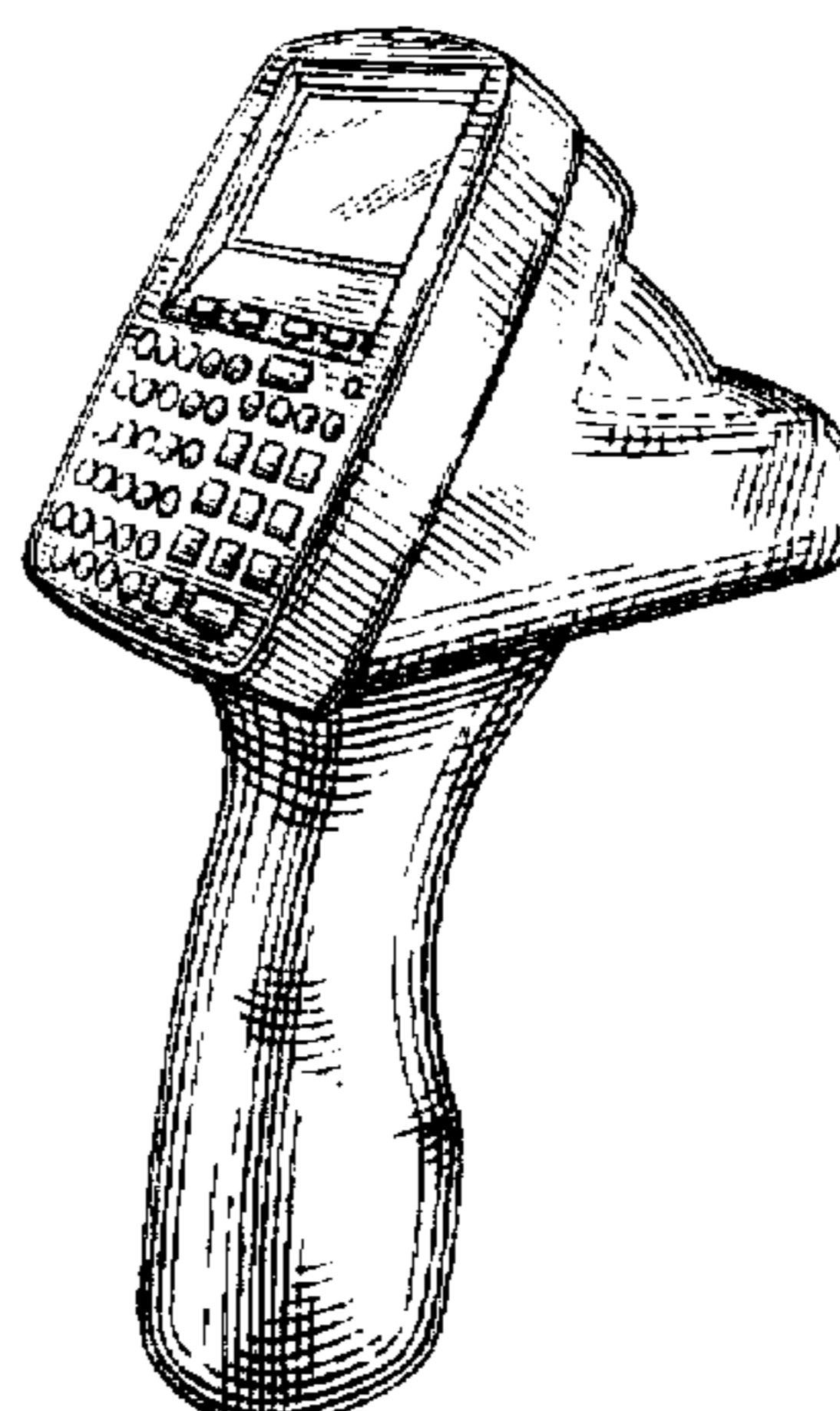
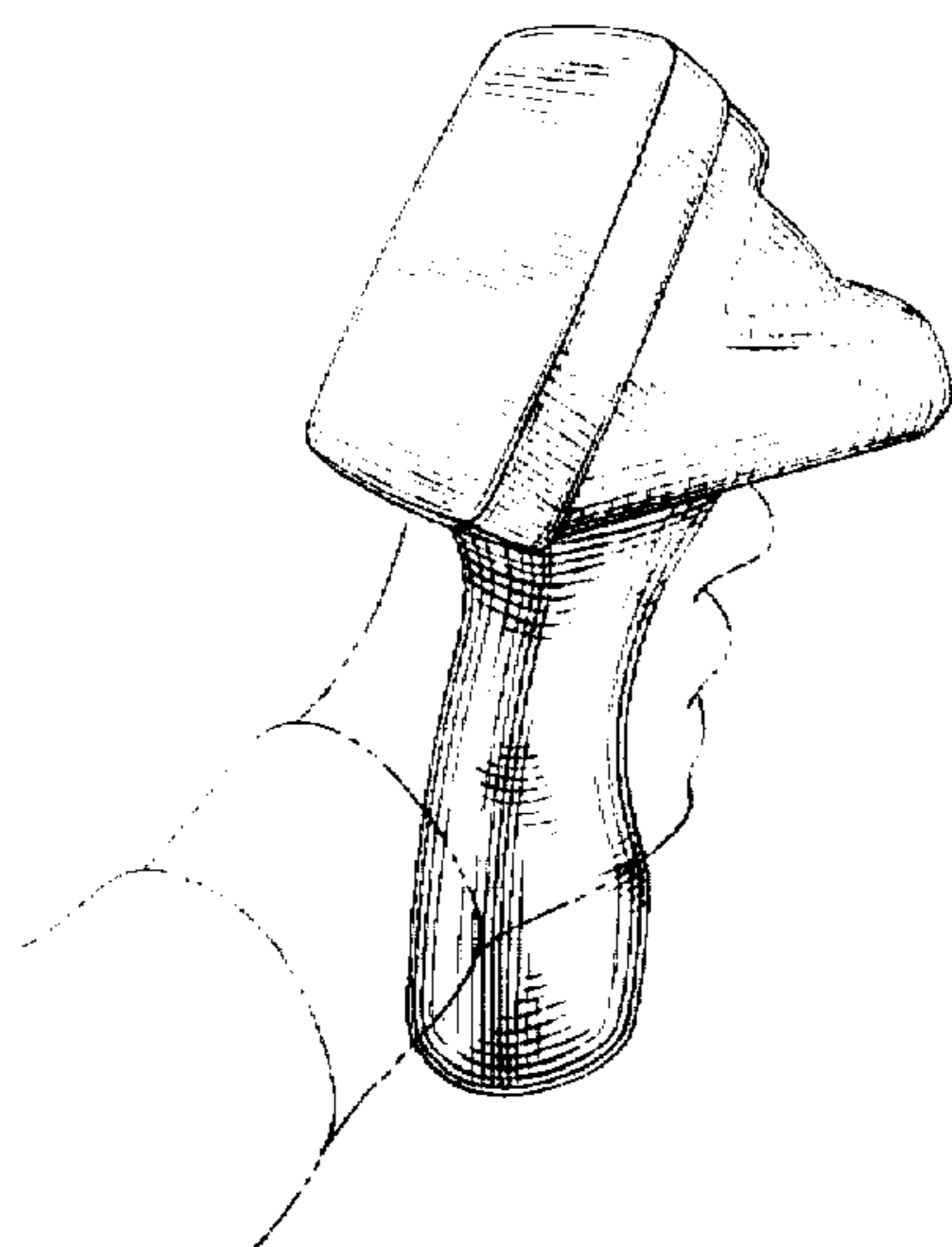
The ornamental design for a hand-held optical scanner, as shown and described.

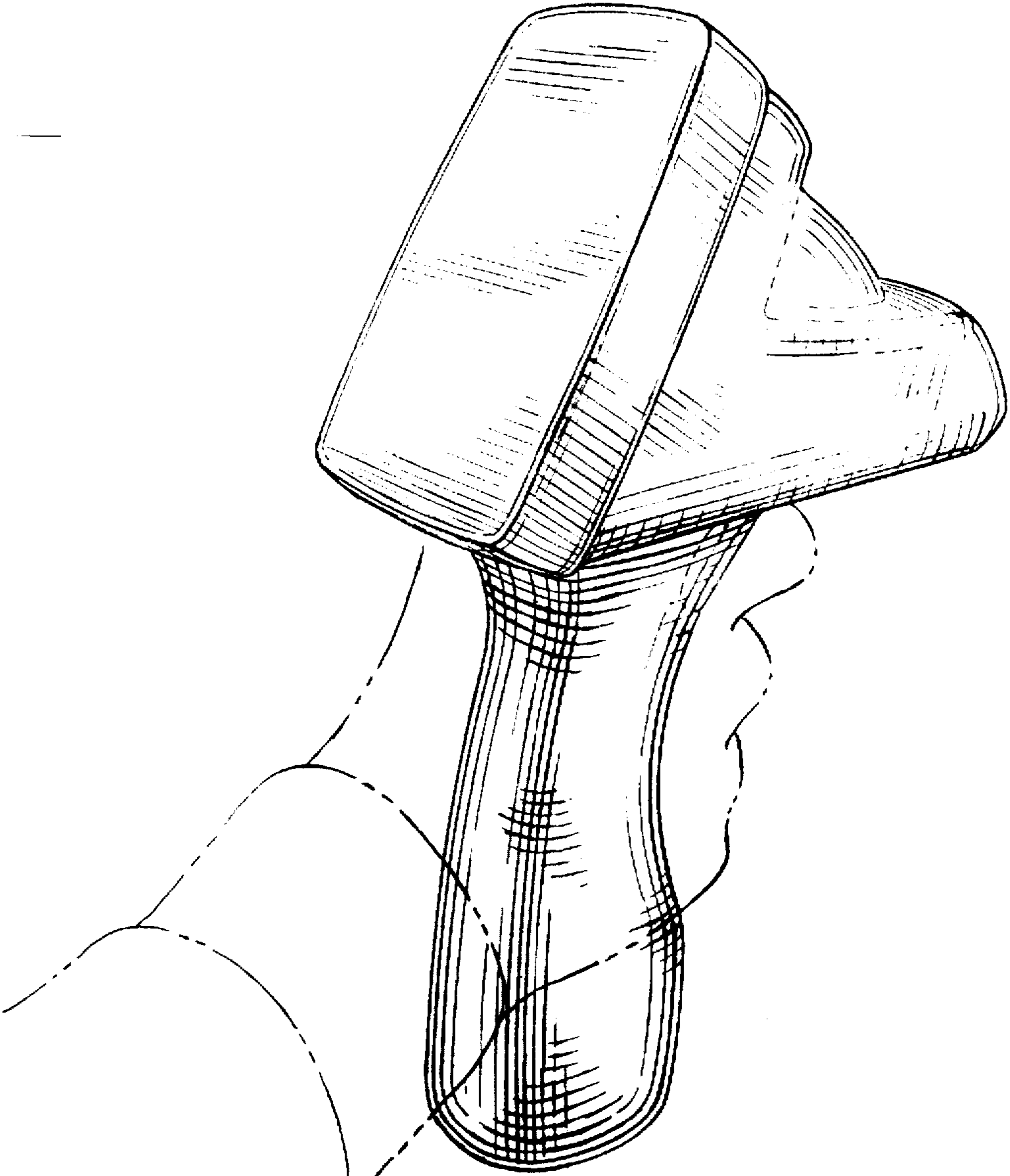
### DESCRIPTION

FIG. 1 is a perspective view of a hand-held optical scanner showing our new design;  
 FIG. 2 is a front elevational view;  
 FIG. 3 is a left side view, the right side being a mirror image thereof;  
 FIG. 4 is a rear view;  
 FIG. 5 is a top plan view;  
 FIG. 6 is a bottom plan view;  
 FIG. 7 is a front elevational view of a second embodiment of our hand-held optical scanner;  
 FIG. 8 is a left side view of FIG. 7, the right side being a mirror image thereof;  
 FIG. 9 is a top plan view of FIG. 7;  
 FIG. 10 is a perspective view of a third embodiment of our hand-held optical scanner; and  
 FIG. 11 is a rear elevational view of FIG. 10.

The broken lines shown herein are for illustrative purposes only and form no part of the claimed design.  
 The left and right elevational views, the front elevational view and the bottom plan view of the third embodiment are substantially like the embodiment illustrated in FIG. 1.

**1 Claim, 5 Drawing Sheets**





**Fig. 1.**

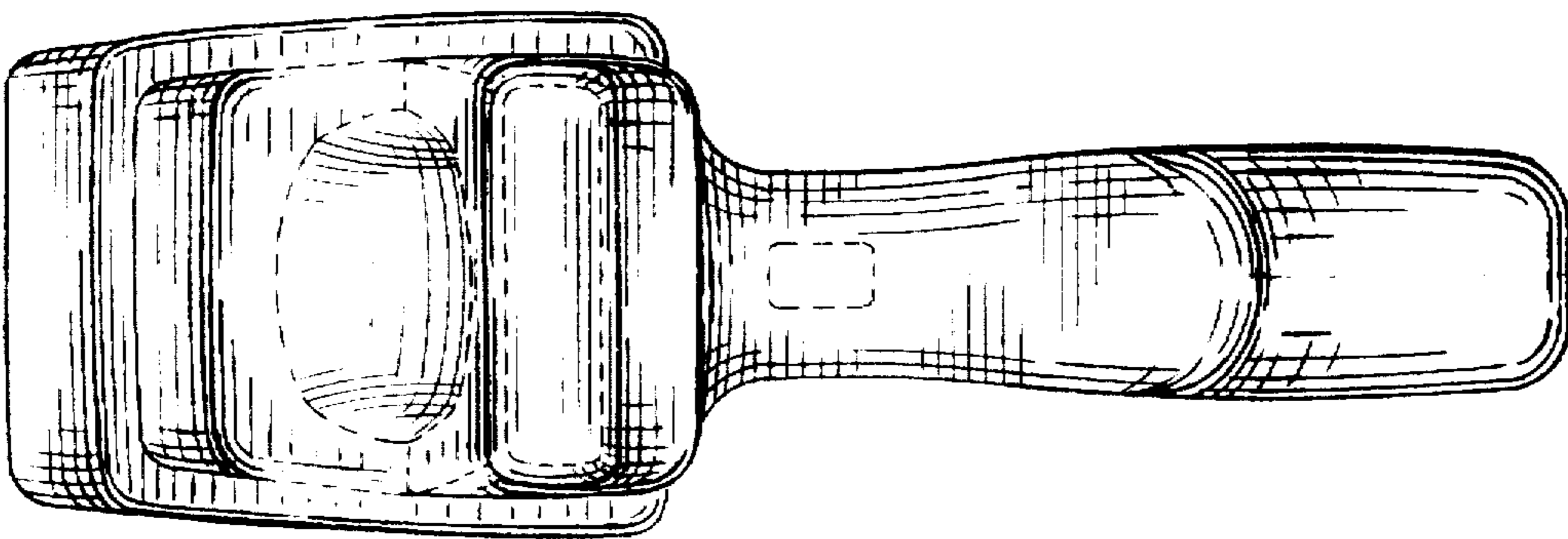


Fig. 2.

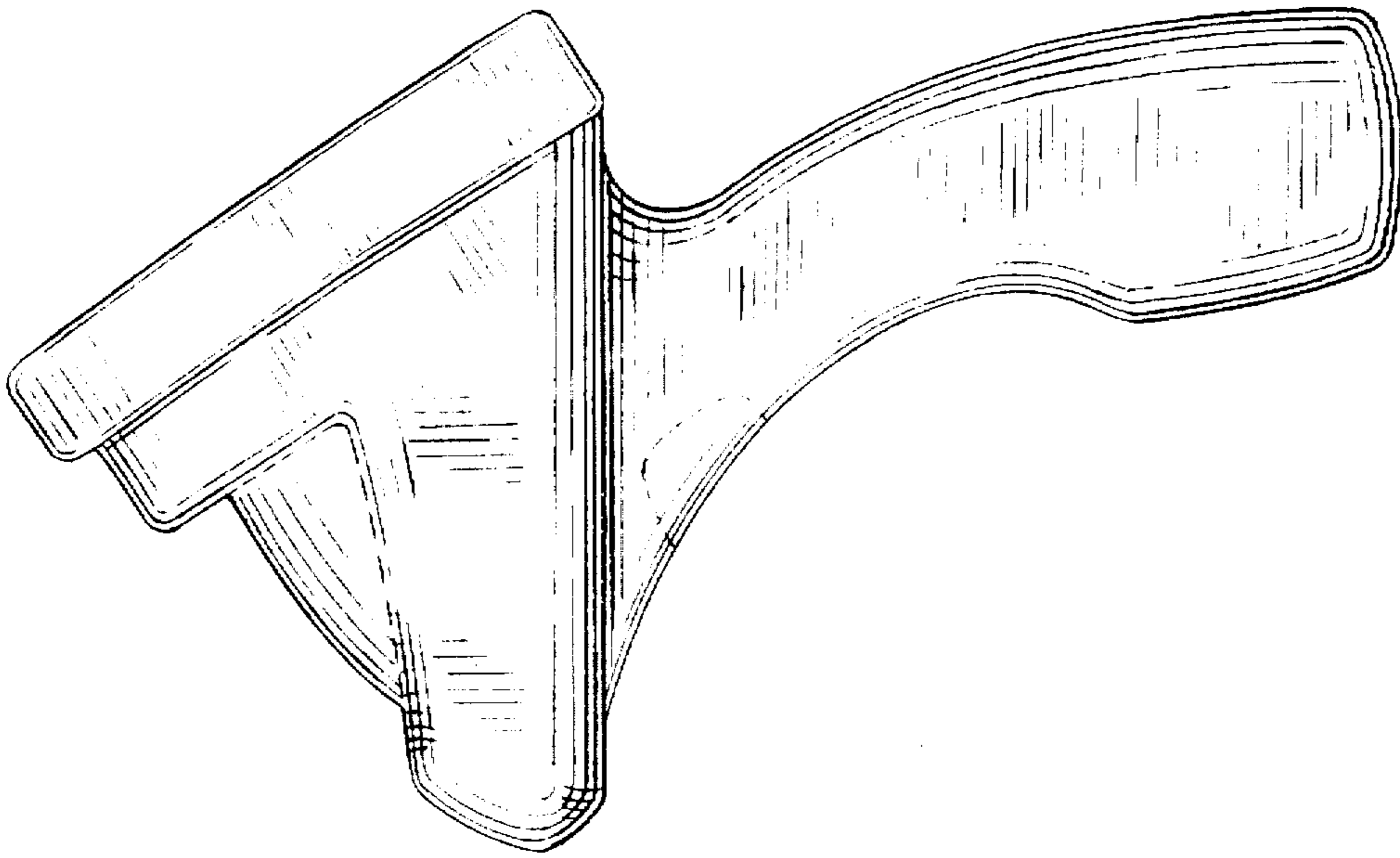


Fig. 3.

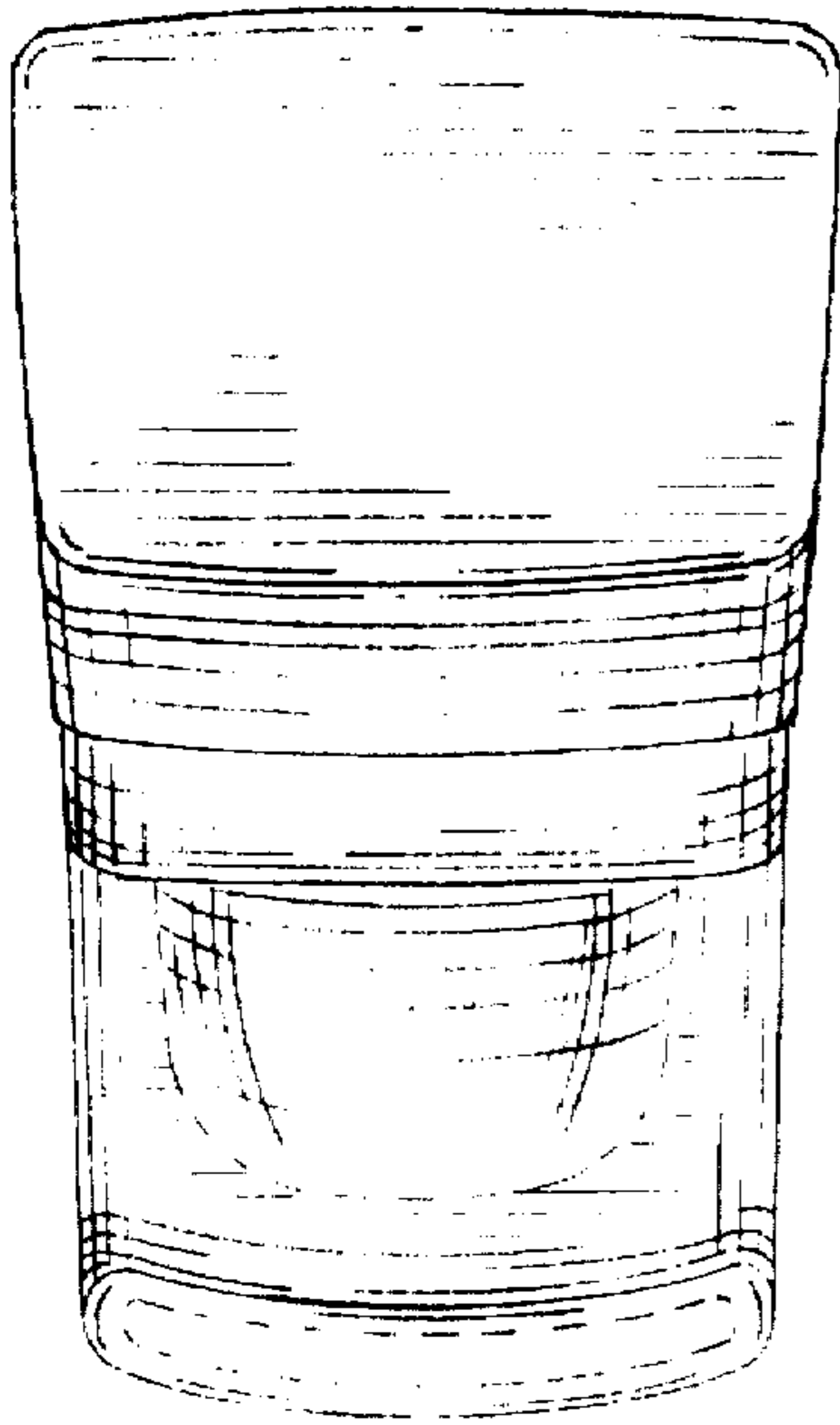


Fig. 5.

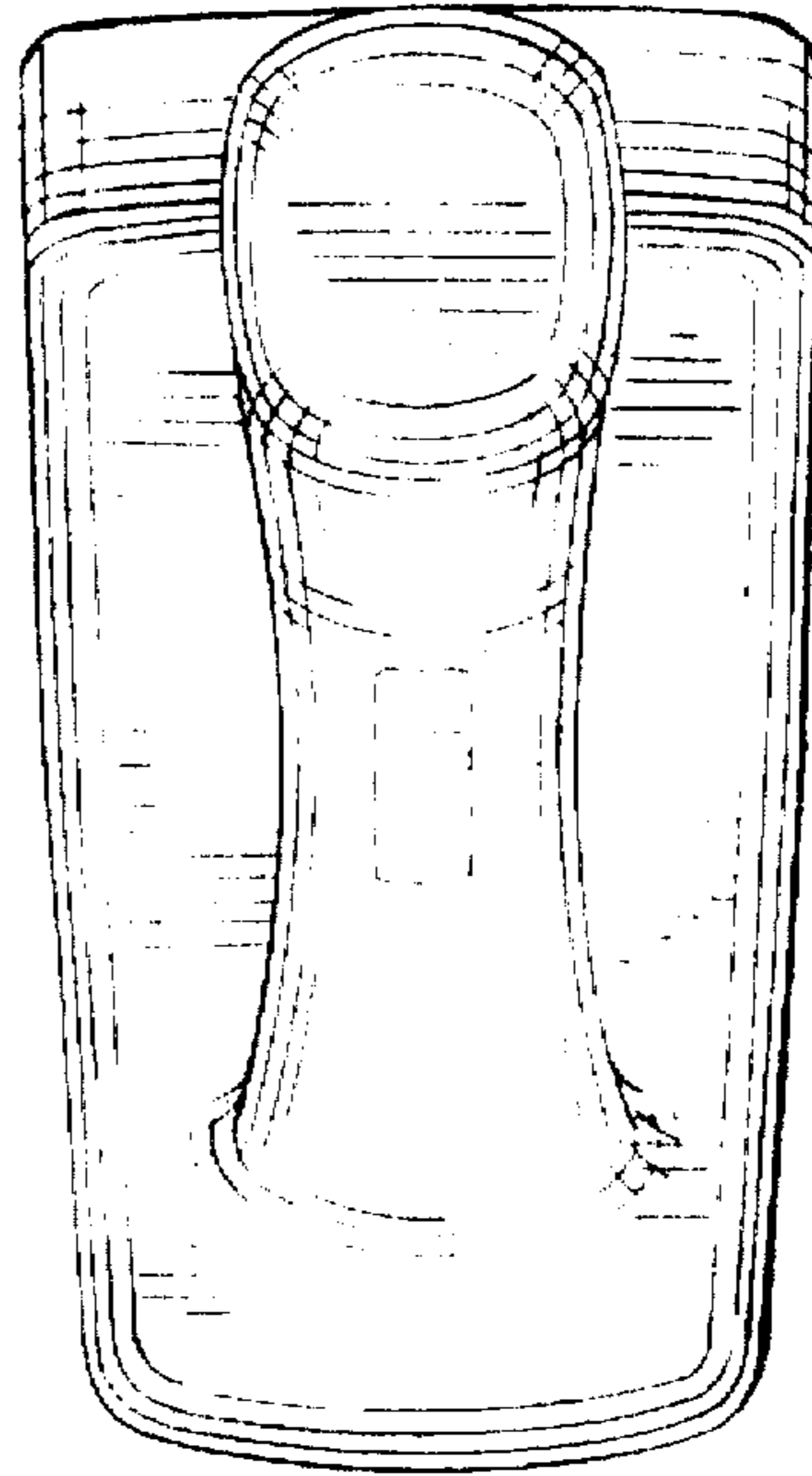


Fig. 6.

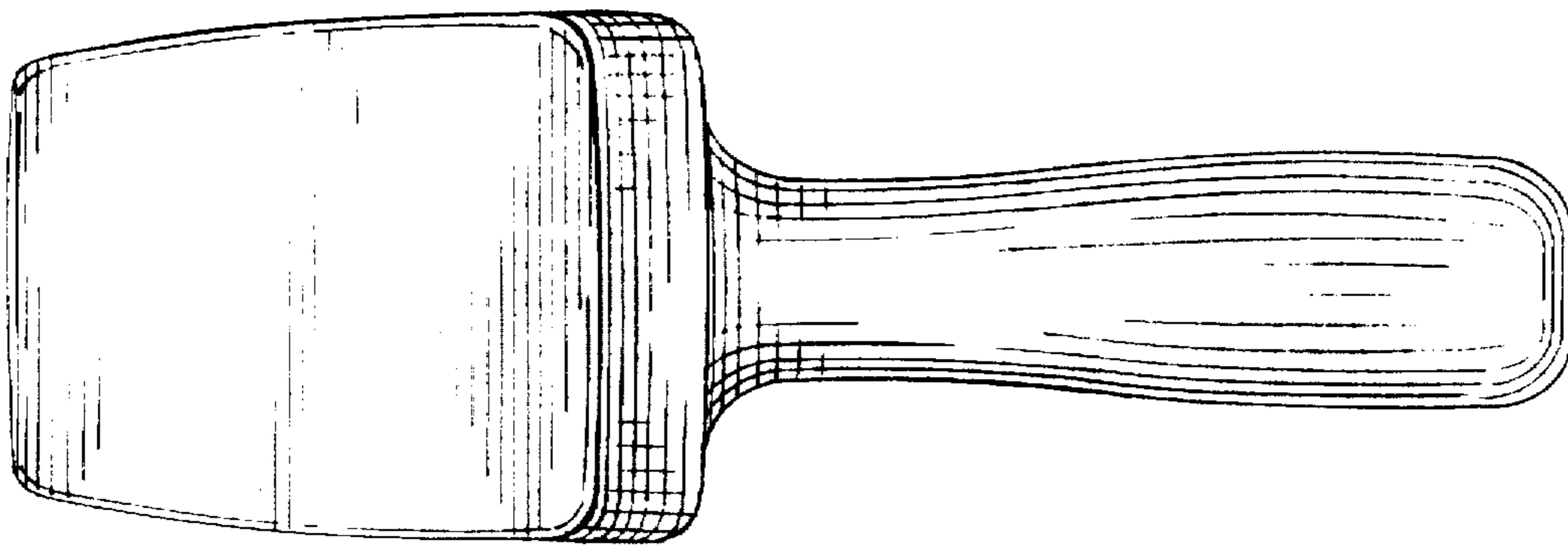


Fig. 4.

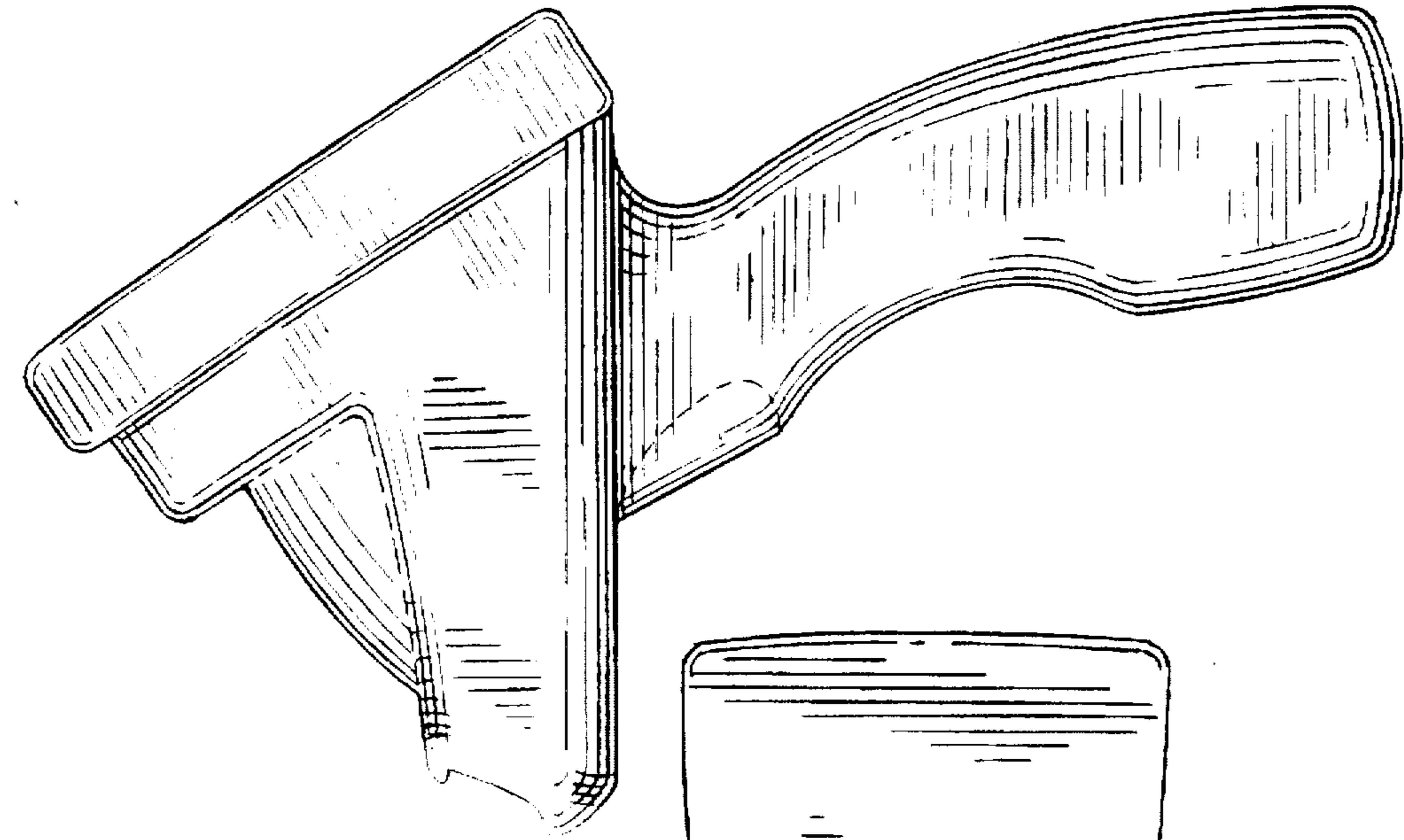


Fig. 8.

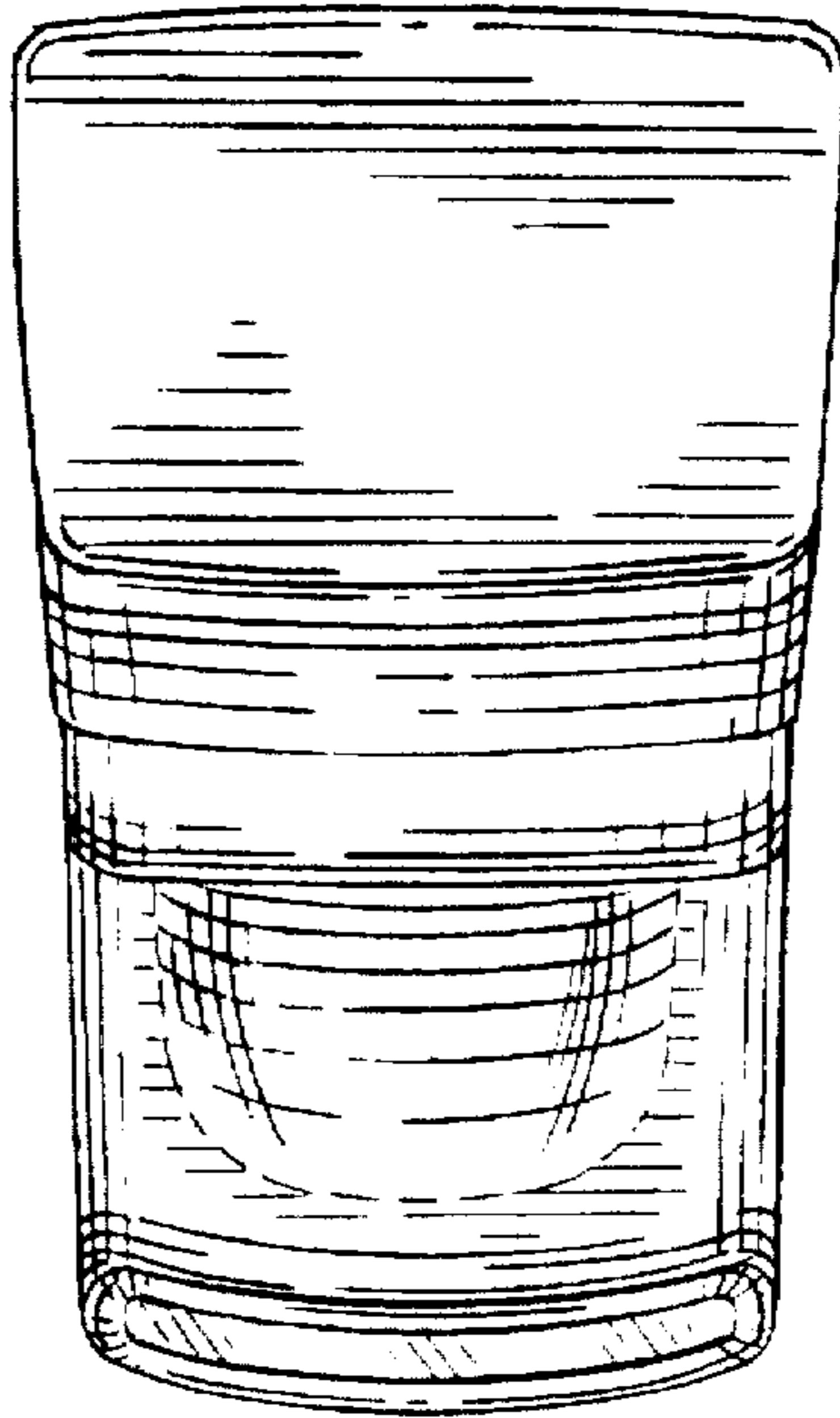


Fig. 9.

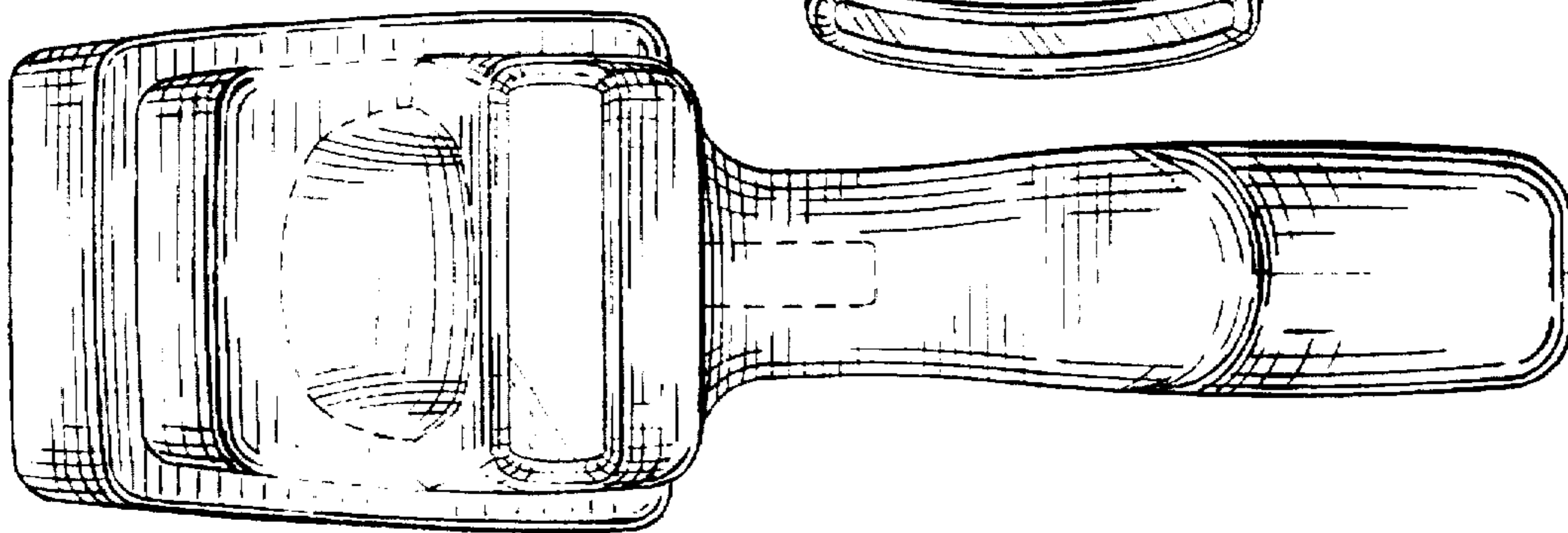
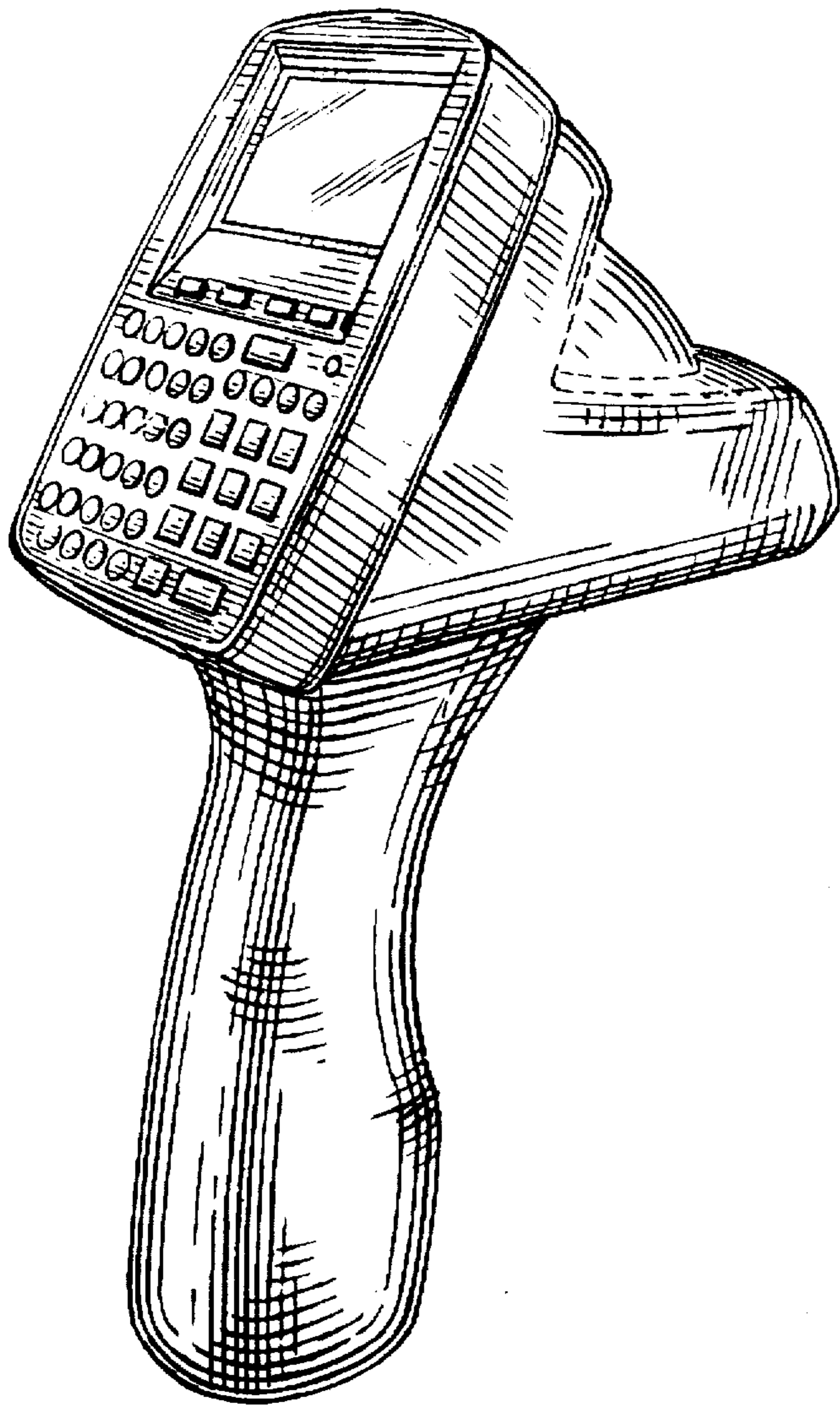
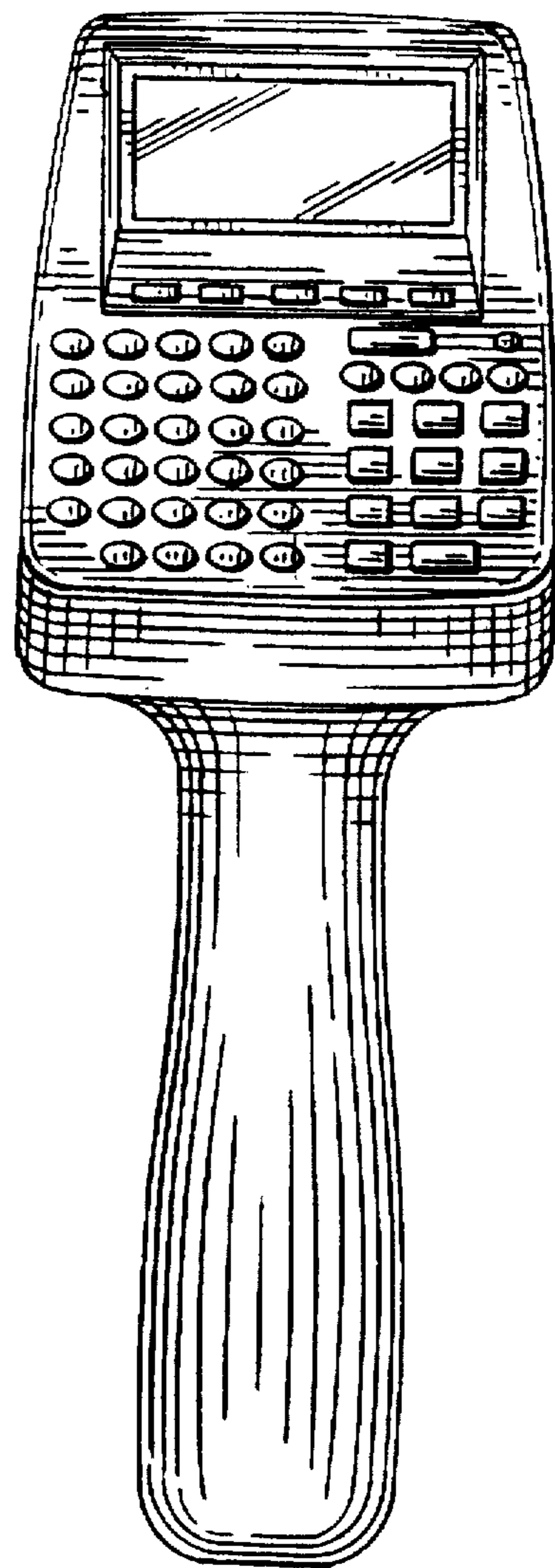


Fig. 7.



**Fig. 10.**



**Fig. 11.**