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

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(54) **LATCH HANDLE MECHANISM**

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

(21) Appl. No.: **29/210,769**

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(51) **LOC (8) Cl.** ..... **08-06**

(52) **U.S. Cl.** ..... **D8/302; D8/338**

(58) **Field of Classification Search** ..... D8/301, D8/302, 306, 307, 331, 338, 350; 70/153, 70/208, 215; 292/39, 170, 173, 229, 336.3; 361/752, 759, 801; 439/116, 341, 545, 565  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 3,044,815 A \* 7/1962 Soss ..... 292/173
- 4,556,244 A 12/1985 Bisbing
- 4,583,775 A 4/1986 Bisbing
- 4,693,503 A 9/1987 Bisbing
- 4,706,478 A 11/1987 Swan et al.
- 4,763,935 A 8/1988 Bisbing
- 4,893,849 A 1/1990 Schlack
- 5,267,762 A 12/1993 Gromotka
- D343,347 S \* 1/1994 Lau et al. .... D8/301
- 5,526,660 A 6/1996 Bennett et al.
- 5,609,373 A 3/1997 Gromotka
- 5,638,709 A \* 6/1997 Clavin ..... 70/208
- 5,664,813 A 9/1997 Gromotka
- 5,685,181 A \* 11/1997 Ramsauer ..... 70/208

- D391,139 S \* 2/1998 Gilliam ..... D8/331
- 5,722,269 A \* 3/1998 Simon et al. .... 70/208
- 5,938,248 A 8/1999 Vickers et al.
- 5,984,383 A 11/1999 Parikh et al.
- D417,603 S \* 12/1999 Schlack et al. .... D8/338
- D418,043 S \* 12/1999 Schlack et al. .... D8/338
- 6,023,953 A \* 2/2000 Vickers et al. .... 70/208
- D424,405 S \* 5/2000 Schlack et al. .... D8/331
- 6,086,121 A 7/2000 Buckland
- 6,152,497 A 11/2000 Vickers et al.
- 6,174,007 B1 1/2001 Schlack et al.
- 6,266,248 B1 \* 7/2001 Hanas et al. .... 361/752
- 6,312,275 B1 \* 11/2001 Tortorella ..... 439/341
- 2004/0056488 A1 3/2004 Jackson, Jr. et al.

**OTHER PUBLICATIONS**

Southco, Inc. Handbook, 2003, Front and Back Covers, pp.: 43, 48–59, 88–92, 154–156 and 160–162.

\* cited by examiner

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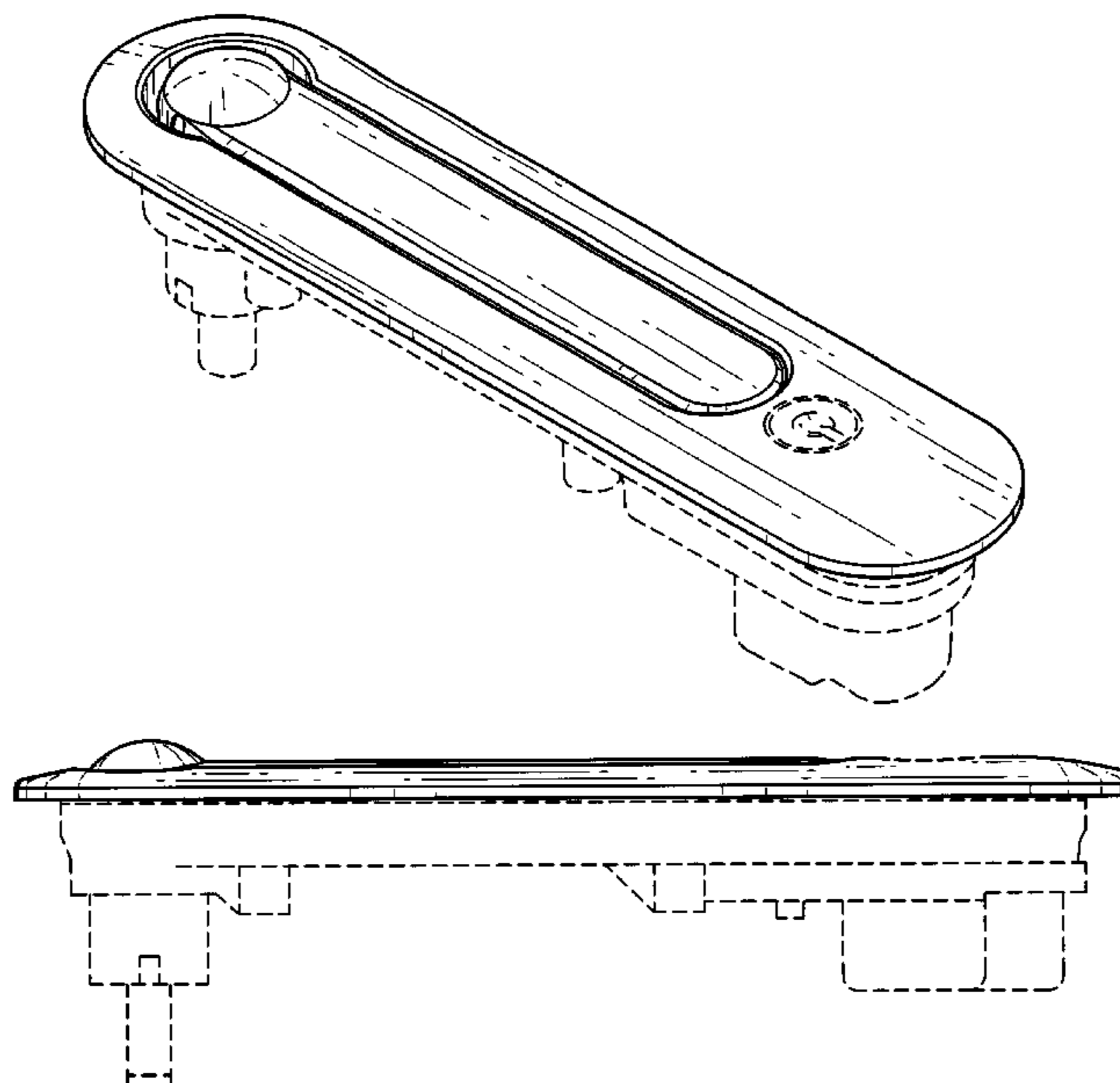
(57) **CLAIM**

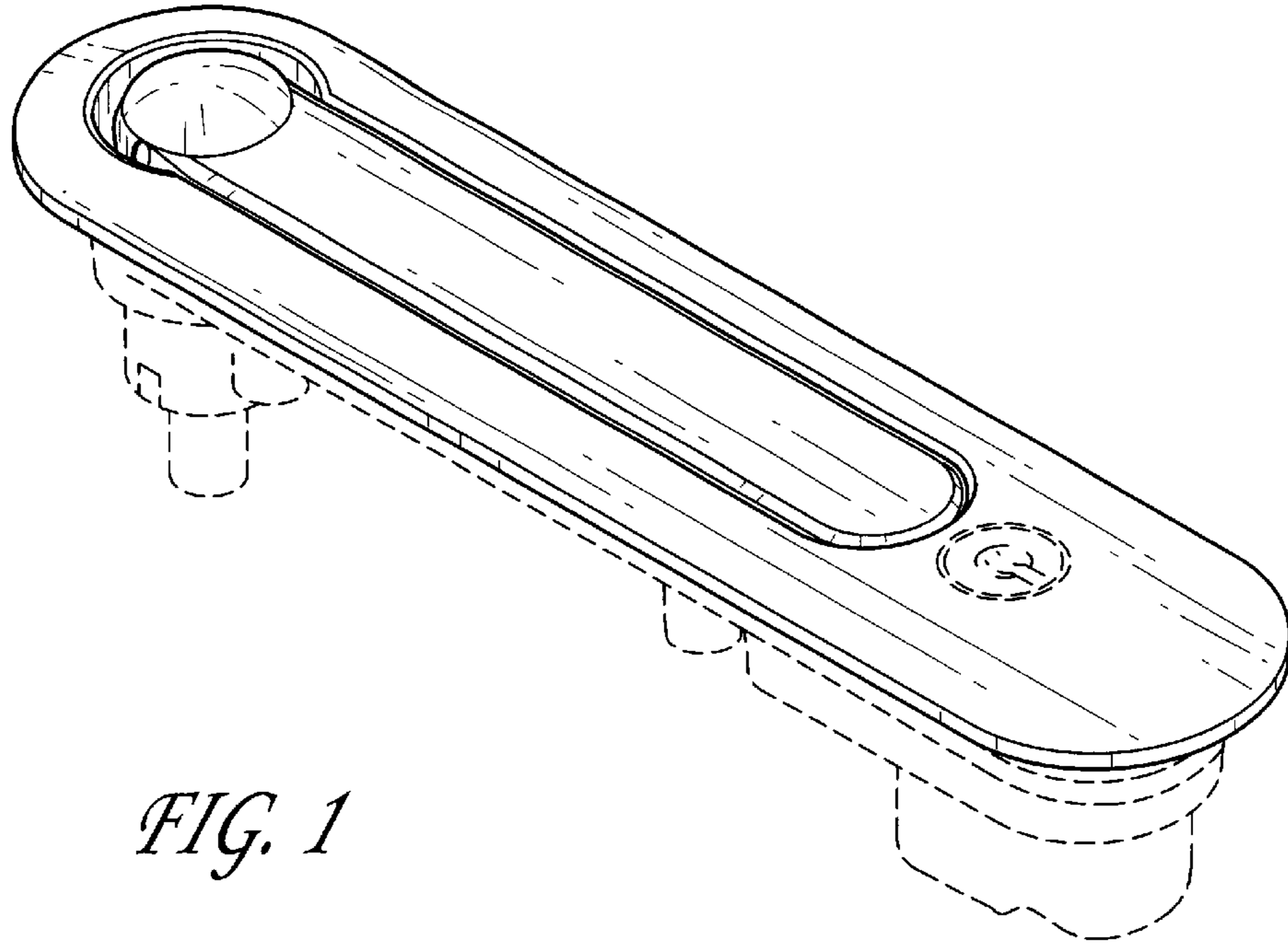
The ornamental design for a latch handle mechanism, as shown and described.

**DESCRIPTION**

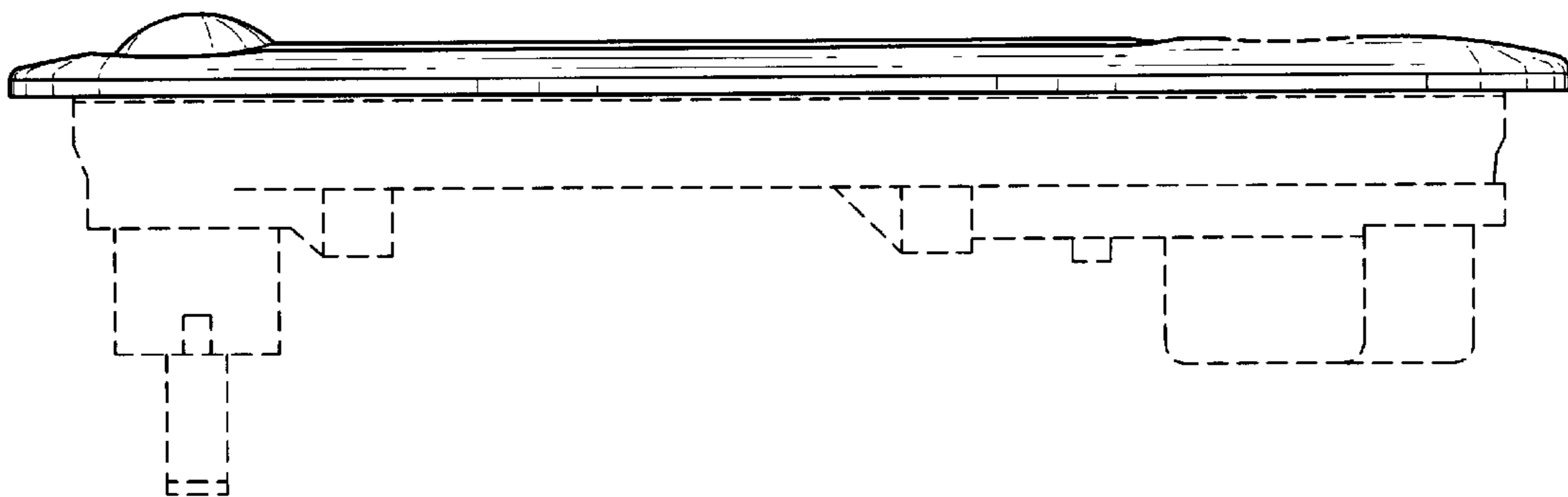
FIG. 1 is a perspective view of an embodiment of a latch handle mechanism embodying our new design  
FIG. 2 is a right side view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is the top view thereof;  
FIG. 5 is the front view thereof; and,  
FIG. 6 is the rear view thereof.  
The broken lines in the figures are for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 2 Drawing Sheets**





*FIG. 1*



*FIG. 2*

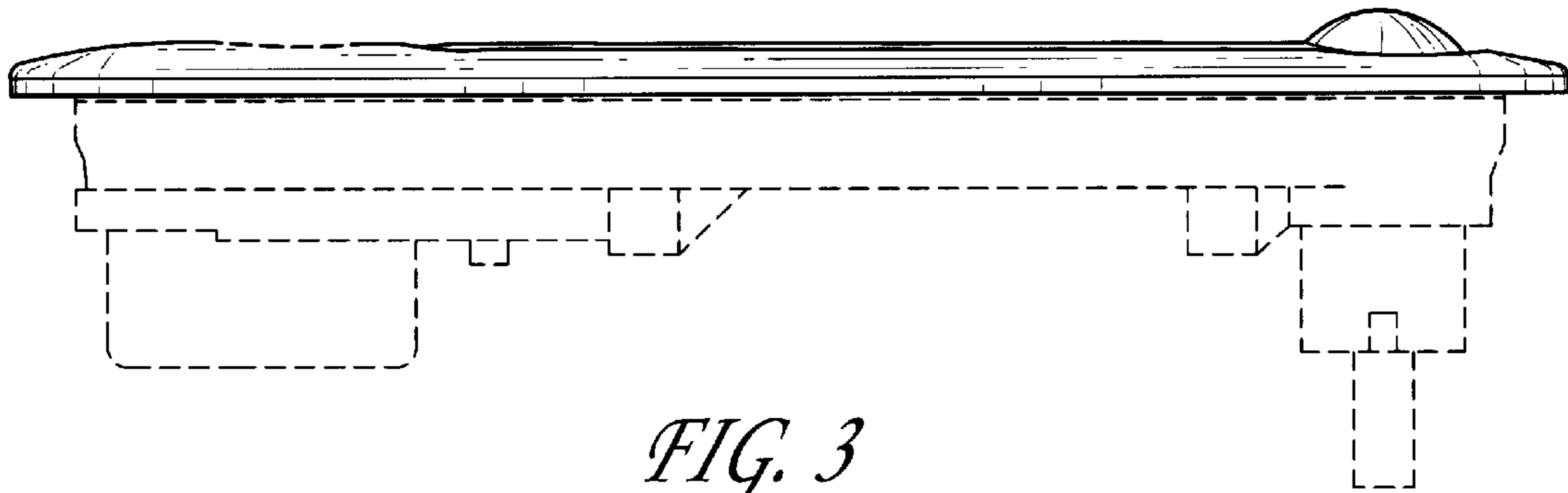


FIG. 3

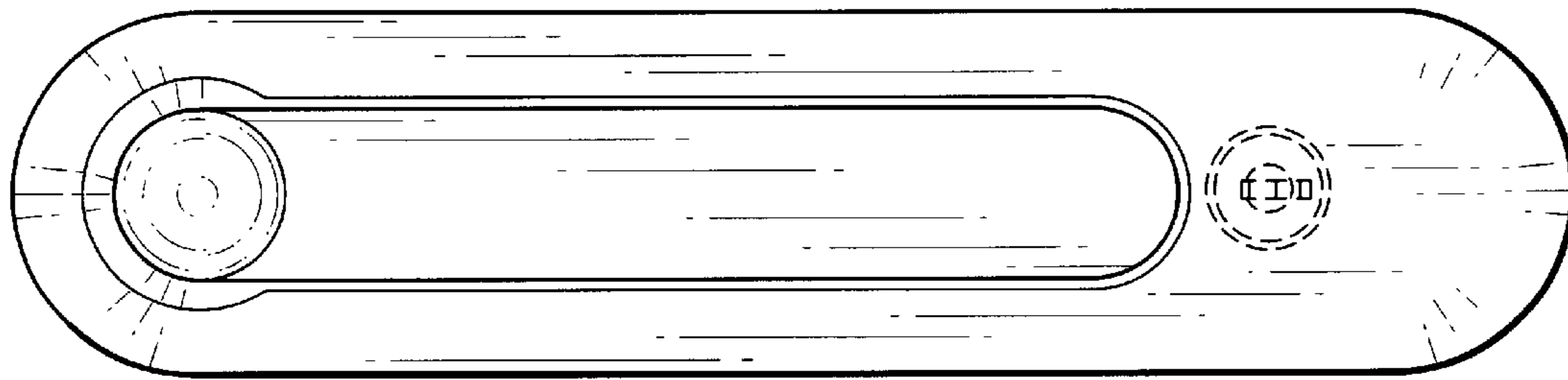


FIG. 4

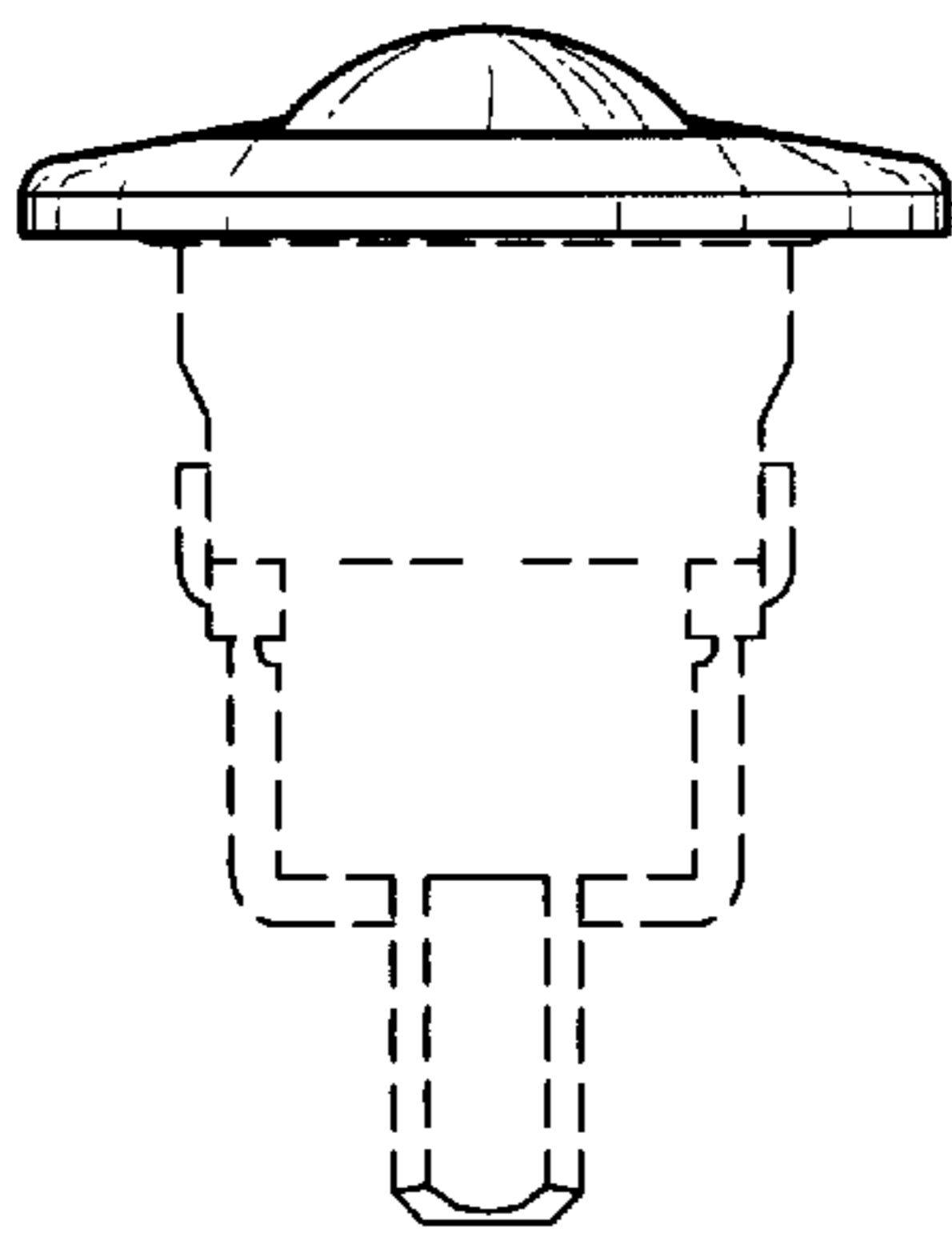


FIG. 5

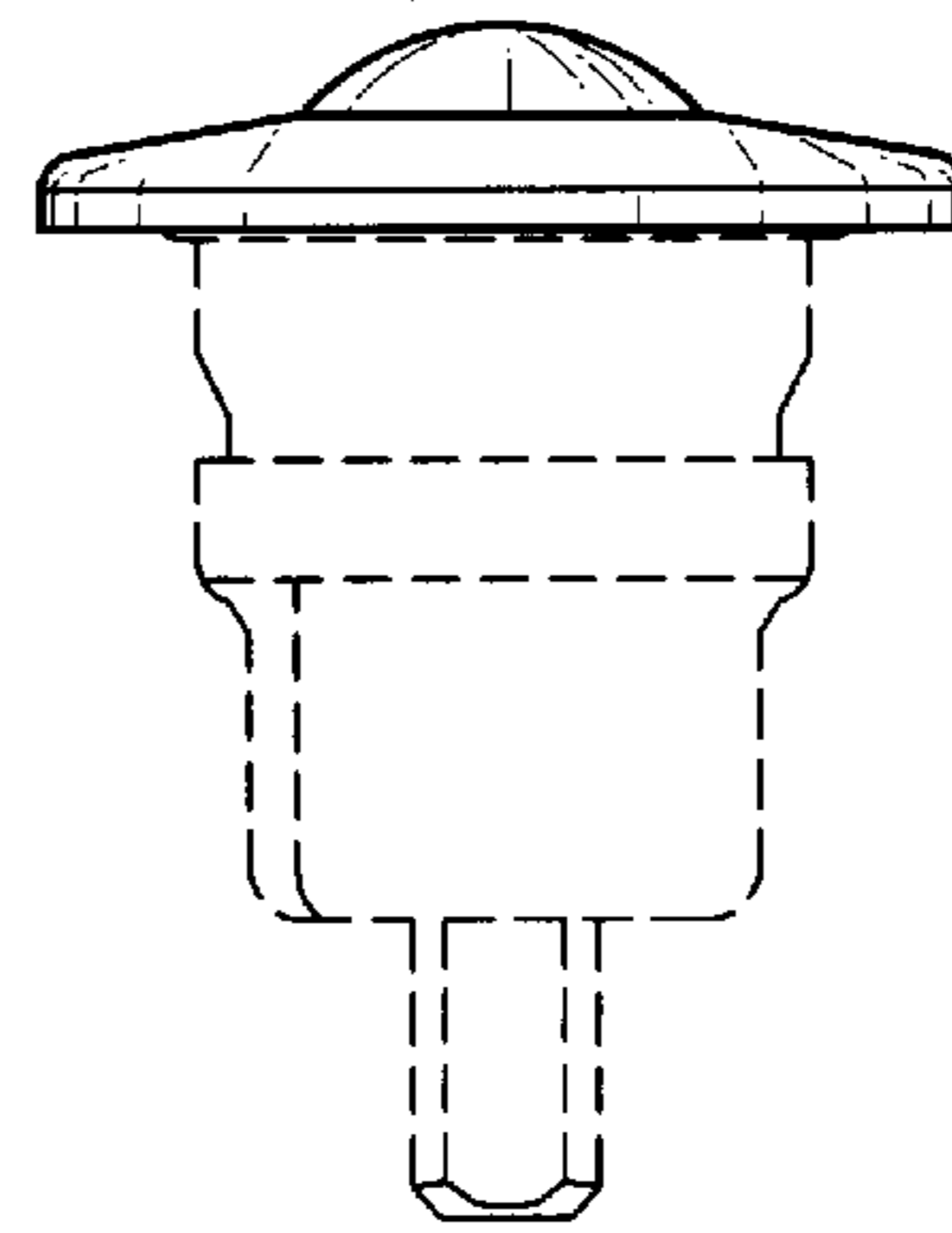


FIG. 6