

US00D383512S

United States Patent [19]

[11] Patent Number: Des. 383,512

Schmidt et al.

[45] Date of Patent: **Sep. 9, 1997

[54] GOLF PUTTER HEAD WITH UNDERCUT CAVITY BACK

608128 1/1994 European Pat. Off. .
371974 5/1932 United Kingdom .

[75] Inventors: Glenn H. Schmidt, Malibu; Richard C. Helmstetter, Carlsbad, both of Calif.

OTHER PUBLICATIONS

[73] Assignee: Callaway Golf Company, Carlsbad, Calif.

Spalding 1989 Golf Catalog; p. 25; TPM Gold (TPM I); lower left corner.

[**] Term: 14 Years

French PCT WO 93/20904 published Oct. 28, 1993. Industrial Design (Canada), Reg. 20347, registered Nov. 18, 1959 to Reuter.

[21] Appl. No.: 24,688

"Some of Our Best Friends are Hookers and Pushers", Golf World, Jan. 1974, p. 45.

[22] Filed: Jun. 20, 1994

"The Ounce That Counts", Golf World, Jan. 24, 1975, pp. 46 & 47.

Related U.S. Application Data

"Stroke-Savers", Golf Digest, Mar. 1988, pp. 82 & 83.

[63] Continuation-in-part of Ser. No. 16,187, Dec. 9, 1993.

"The Wilson Staff Dynapower Iron", Time Magazine, Mar. 24, 1967, p. 1.

[51] LOC (6) Cl. 21-02

"FTD Iron by First Flight", Golf World, May 23, 1972, p. 10.

[52] U.S. Cl. D21/219

"T.P. Super Blade", Golf World, Jun. 13, 1972, p. 25.

[58] Field of Search D21/217-219;
273/167-175

Golf World, Apr., 1990; p. 81 (iron on left at bottom of page).

Golf World, Jan., 1991; p. 36, (iron at bottom of page).

Golf World, Sep., 1990; p. 80.

Golf Digest, Feb., 1988; p. 177 (irons at upper right of page).

Busines Week, May 23, 1994.

References Cited

Primary Examiner—Prabhakar G. Deshmukh

Assistant Examiner—Mitchell I. Siegel

Attorney, Agent, or Firm—William W. Haefliger

U.S. PATENT DOCUMENTS

- D. 162,054 2/1951 Markovich .
- D. 228,355 9/1973 Penna .
- D. 234,963 4/1975 Hirata .
- D. 246,541 11/1977 Myers .
- D. 248,181 6/1978 Cervantes .
- D. 248,783 8/1978 Long .
- D. 303,132 8/1989 Muta .
- D. 320,427 10/1991 Antonious .
- D. 321,738 11/1991 Brown D21/219
- D. 321,920 11/1991 Parente et al. .
- D. 328,936 8/1992 Antonious .
- D. 334,606 4/1993 Cameron .
- 1,517,476 12/1924 Tyler .
- 1,854,548 4/1932 Hunt .
- 1,993,928 3/1935 Glover .
- 2,231,847 2/1941 Dickson et al. .

[57] CLAIM

The ornamental design for golf putter head with undercut cavity back, as shown and described.

(List continued on next page.)

DESCRIPTION

FIG. 1 is a front face view of a putter head embodying our new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a toe end view thereof;

FIG. 4 is a heel end view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a rear view thereof;

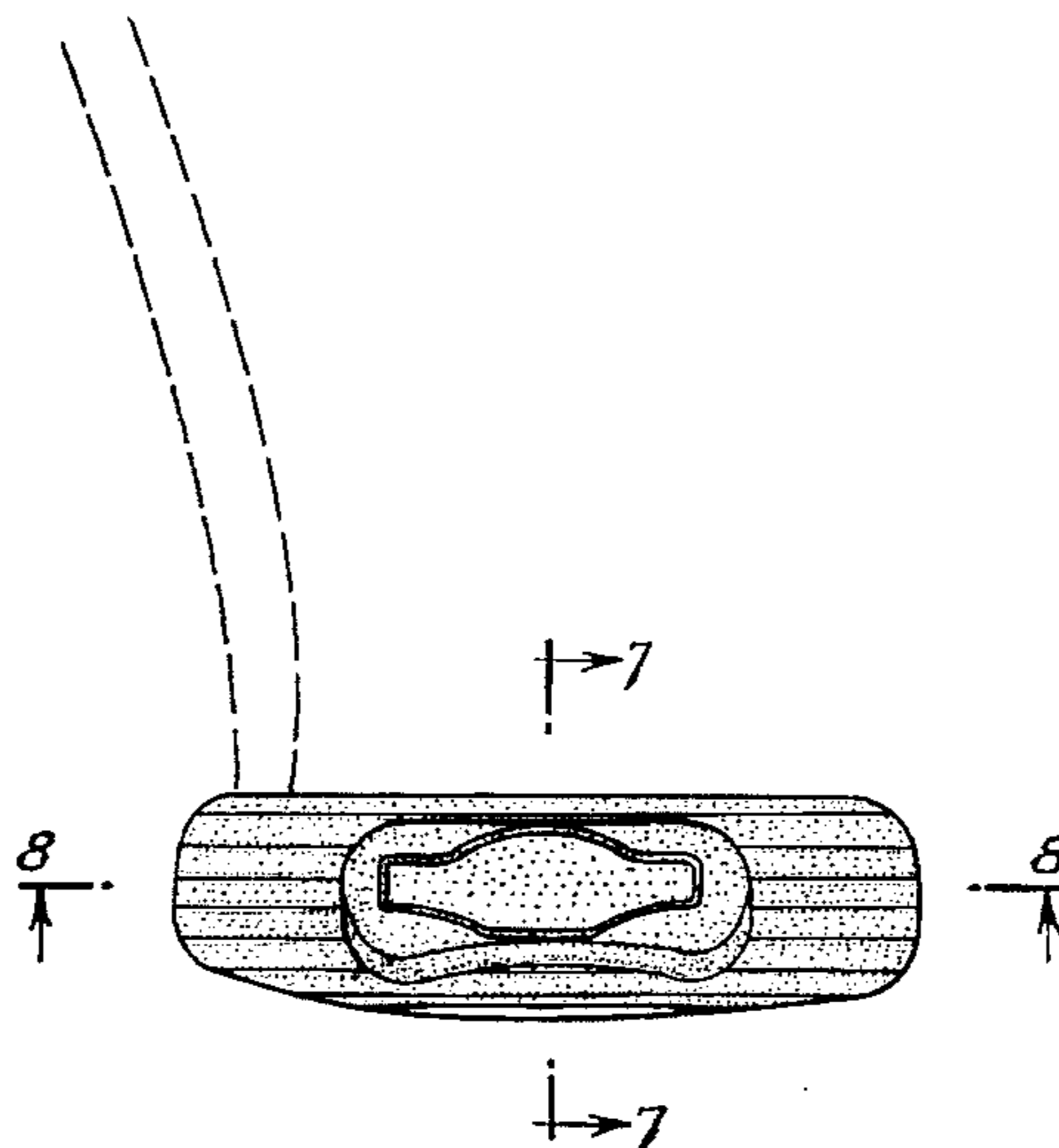
FIG. 7 is a sectional view taken on lines 7—7 of FIG. 6; and,

FIG. 8 is a sectional view taken on lines 8—8 of FIG. 6.

FOREIGN PATENT DOCUMENTS

582366 4/1993 European Pat. Off. .

1 Claim, 3 Drawing Sheets



U.S. PATENT DOCUMENTS

3,068,011	12/1962	Sano .	4,854,581	8/1989	Long .
3,134,596	5/1964	Boznos .	4,865,345	9/1989	Piegay .
3,199,872	8/1965	Taylor .	4,869,507	9/1989	Sahm .
3,749,408	7/1973	Mills 273/171	4,884,812	12/1989	Nagasaki et al. .
3,841,641	10/1974	Bennett .	4,913,435	4/1990	Kobayashi .
3,847,399	11/1974	Raymont .	4,928,972	5/1990	Nakanishi et al. .
3,923,308	12/1975	Mills .	4,957,294	9/1990	Long .
3,967,826	7/1976	Judice .	4,960,279	10/1990	Harris, Jr. .
4,043,562	8/1977	Shillington .	4,964,640	10/1990	Nakanishi et al. .
4,113,249	9/1978	Beery .	4,986,541	1/1991	Teramoto et al. .
4,121,832	10/1978	Ebbing .	4,995,609	2/1991	Parente et al. .
4,199,144	4/1980	Skelly .	4,995,630	2/1991	Piegay .
4,398,965	8/1983	Campau .	5,016,882	5/1991	Fujimura et al. .
4,405,149	9/1983	Piegay .	5,060,949	10/1991	Brill .
4,420,156	12/1983	Campau .	5,067,711	11/1991	Parente et al. .
4,438,946	3/1984	Piegay .	5,078,398	1/1992	Reed et al. .
4,447,493	5/1984	Driscoll et al. .	5,110,131	5/1992	Long .
4,484,746	11/1984	Brill .	5,118,562	6/1992	Johnson et al. .
4,534,564	8/1985	Yamada .	5,127,653	7/1992	Nelson .
4,573,685	3/1986	Young, IV et al. .	5,154,423	10/1992	Antonious .
4,582,321	4/1986	Yoneyama .	5,176,384	1/1993	Sata et al. .
4,632,400	12/1986	Boone .	5,193,805	3/1993	Solheim .
4,655,459	4/1987	Antonious .	5,222,734	6/1993	Parente et al. .
4,715,601	12/1987	Lamanna .	5,242,167	9/1993	Antonious .
4,740,345	4/1988	Nagasaki et al. .	5,246,231	9/1993	Antonious .
4,798,383	1/1989	Nagasaki et al. .	5,248,145	9/1993	Brown .
4,848,747	7/1989	Fujimura et al. .	5,301,946	4/1994	Schmidt et al. .
			5,340,107	8/1994	Baker et al. .

FIG. 1.

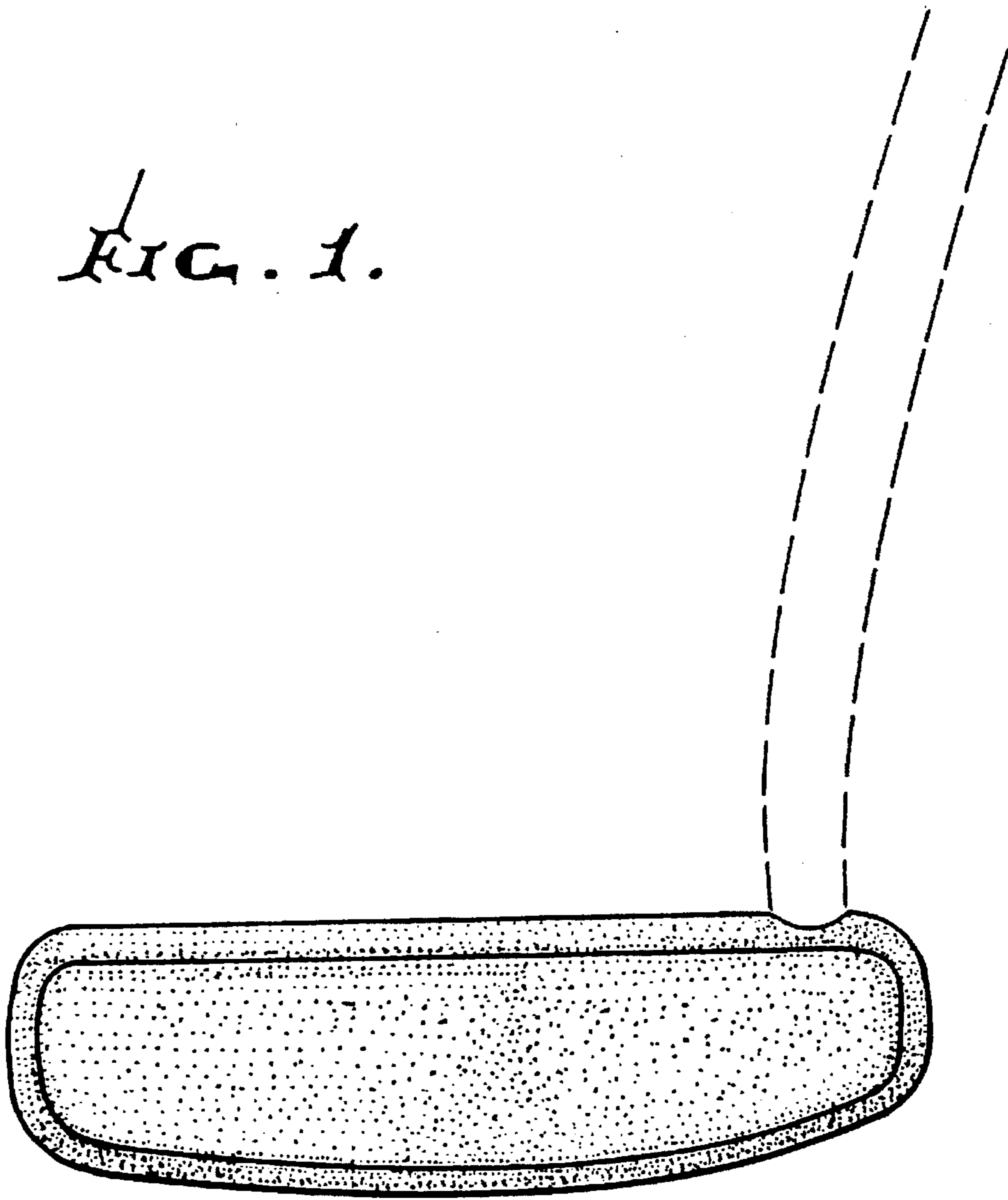
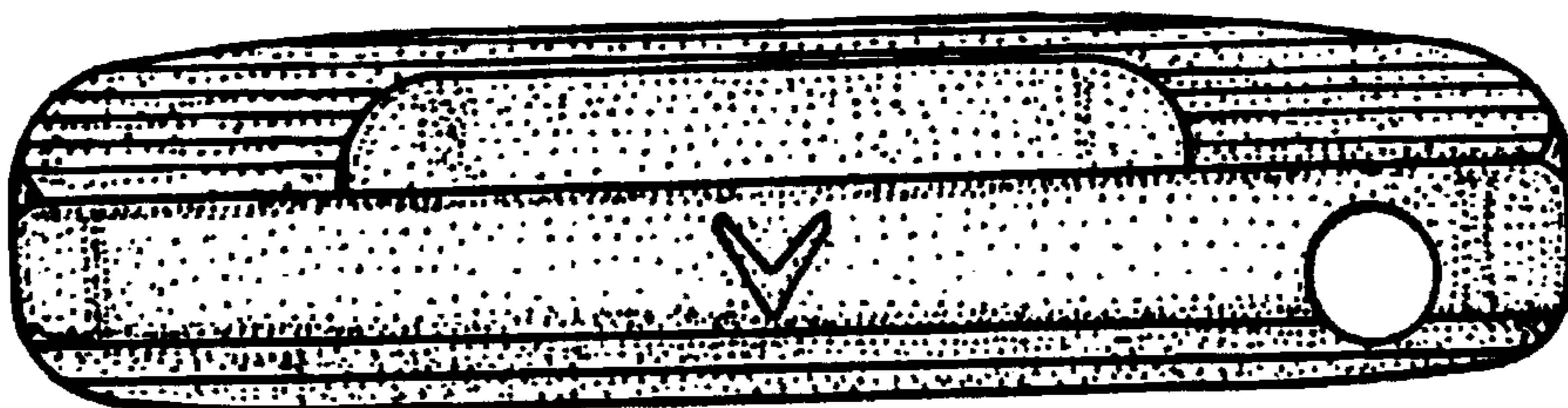


FIG. 2.



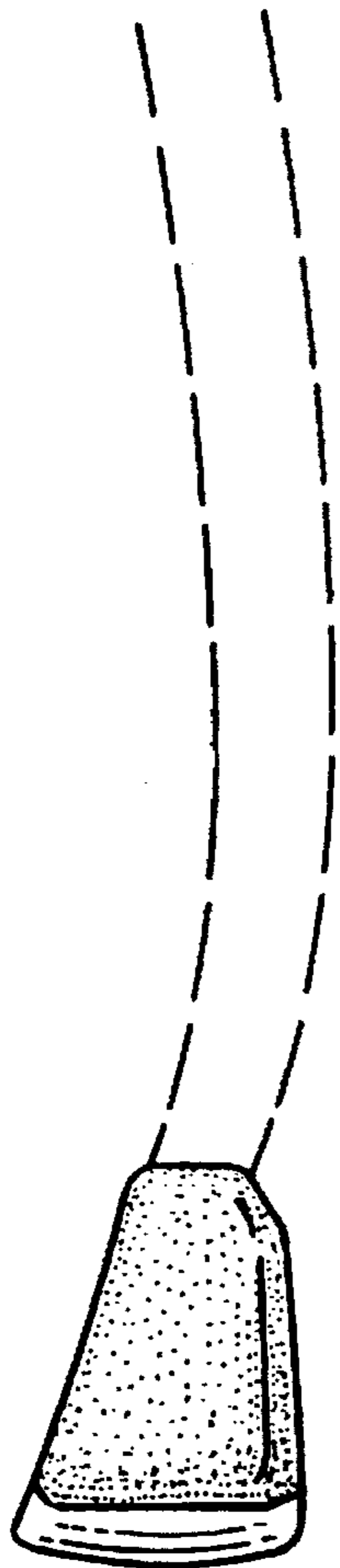


FIG. 3.

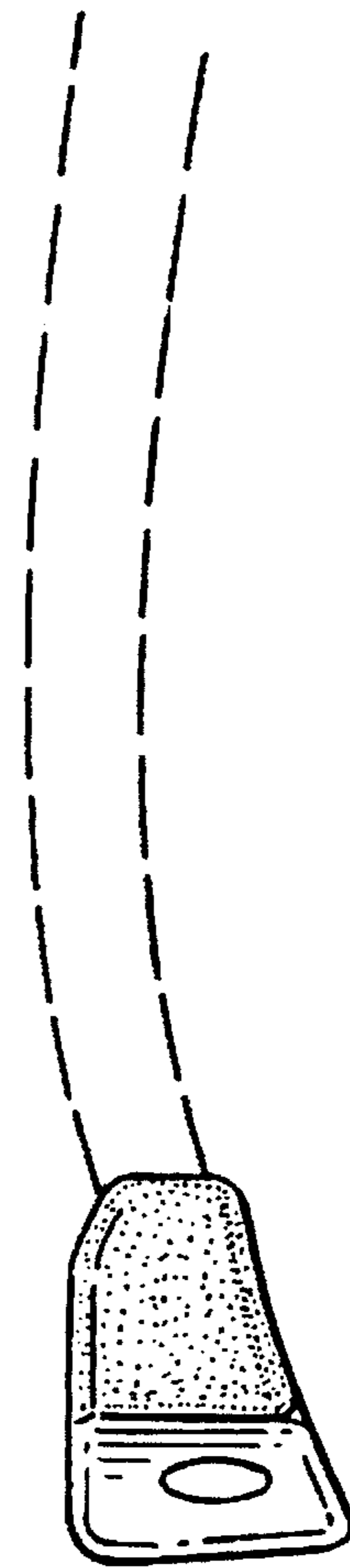


FIG. 4.

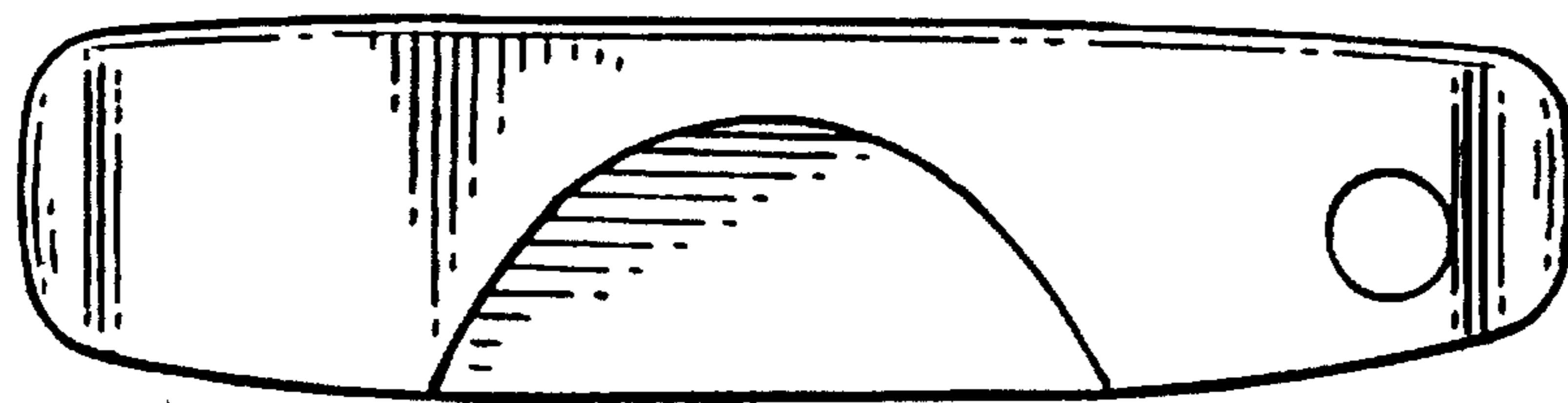


FIG. 5.

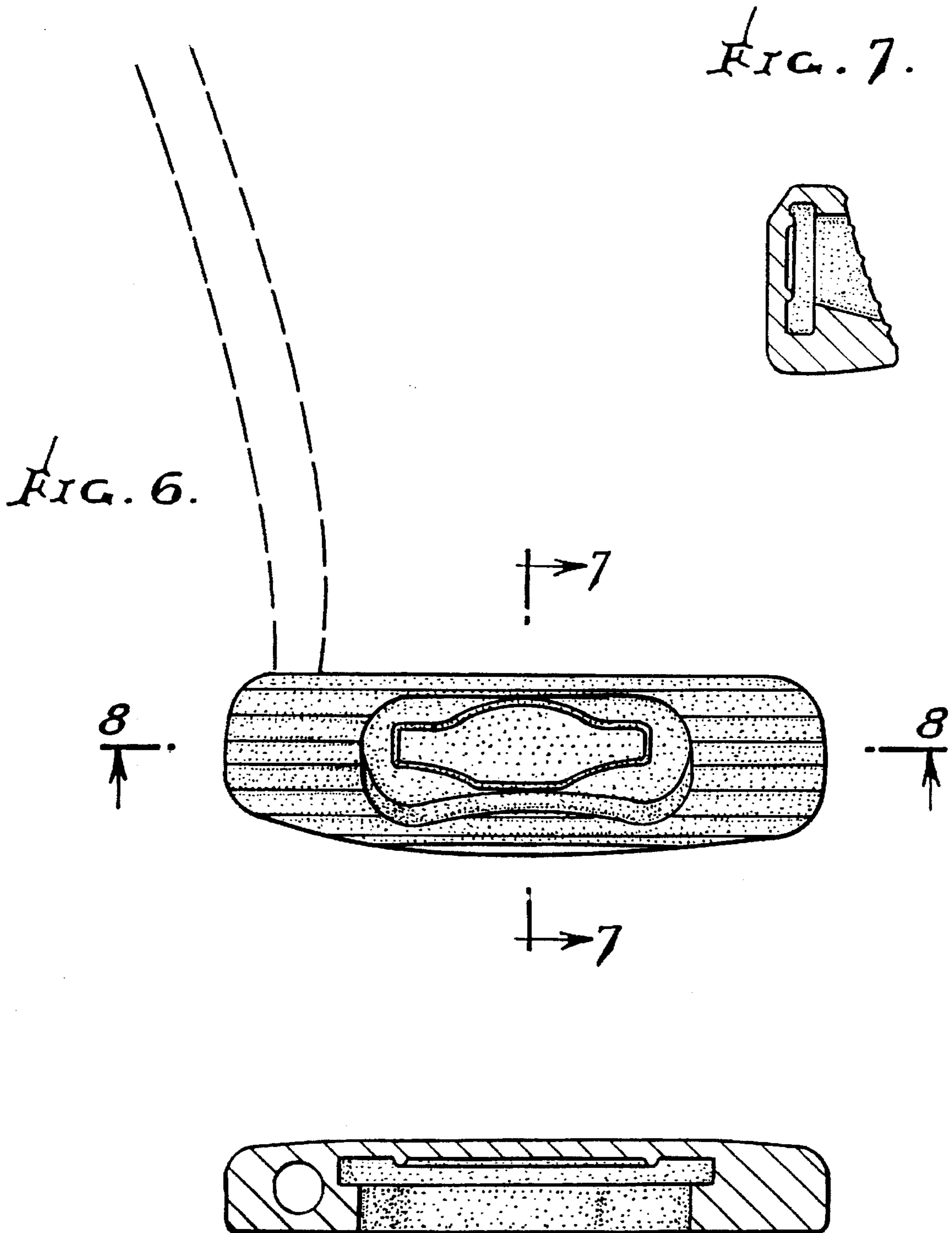


FIG. 6.

FIG. 7.

FIG. 8.