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United States Patent [19]

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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.

[56] References Cited

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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. .

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

582366 4/1993 European Pat. Off. .

[57] CLAIM

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

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;

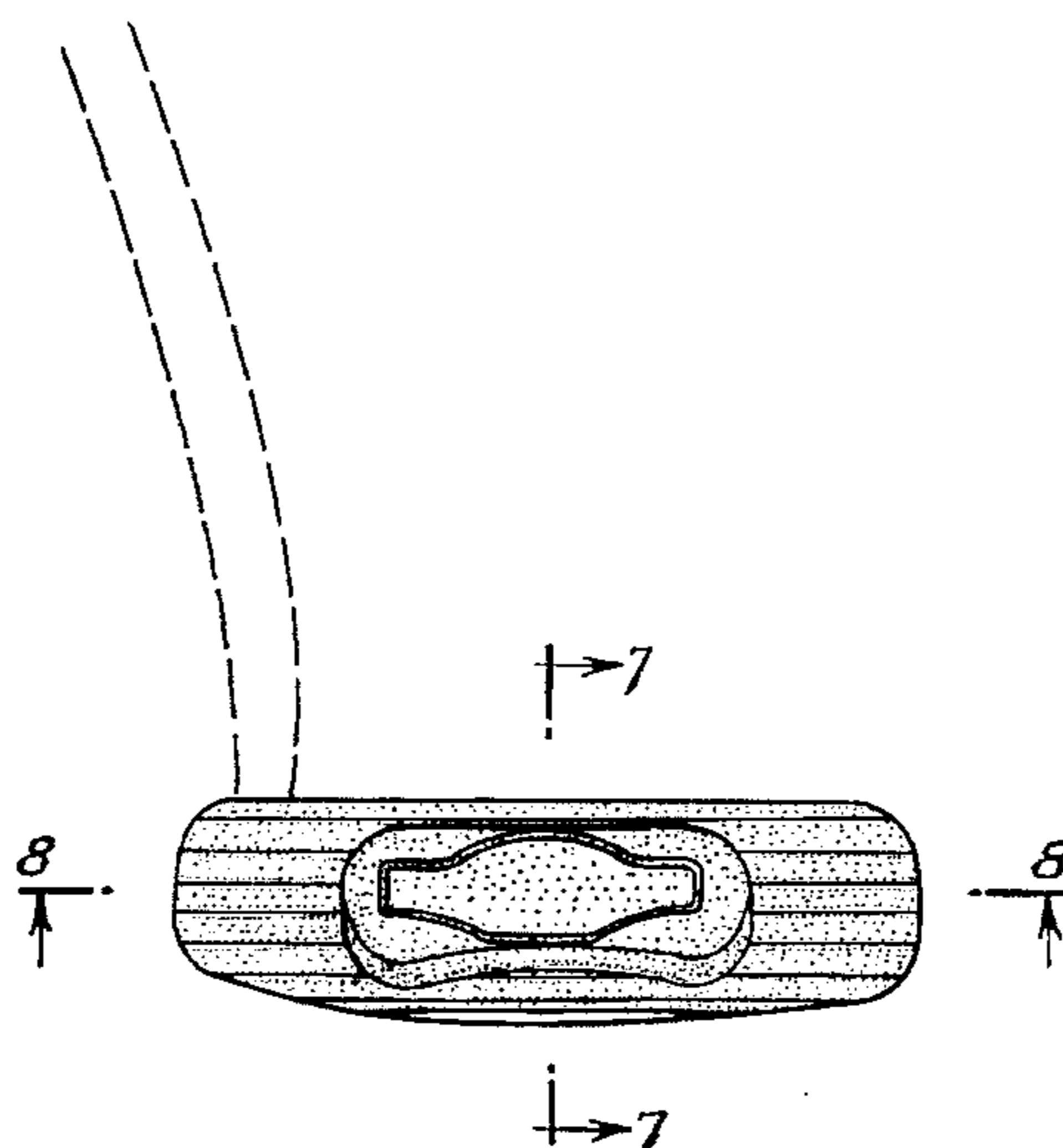
FIG. 5 is a bottom plan view thereof;

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.

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.

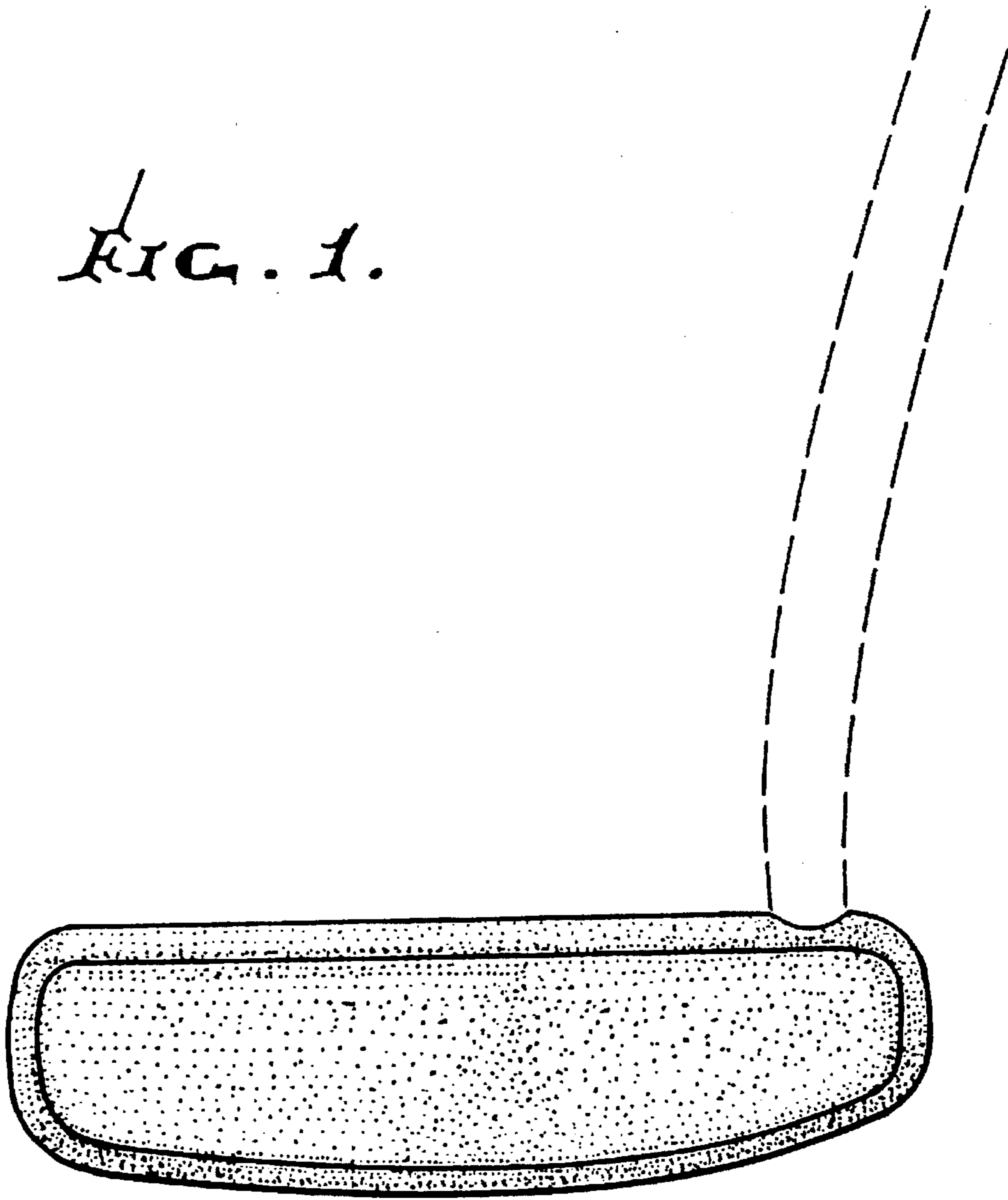
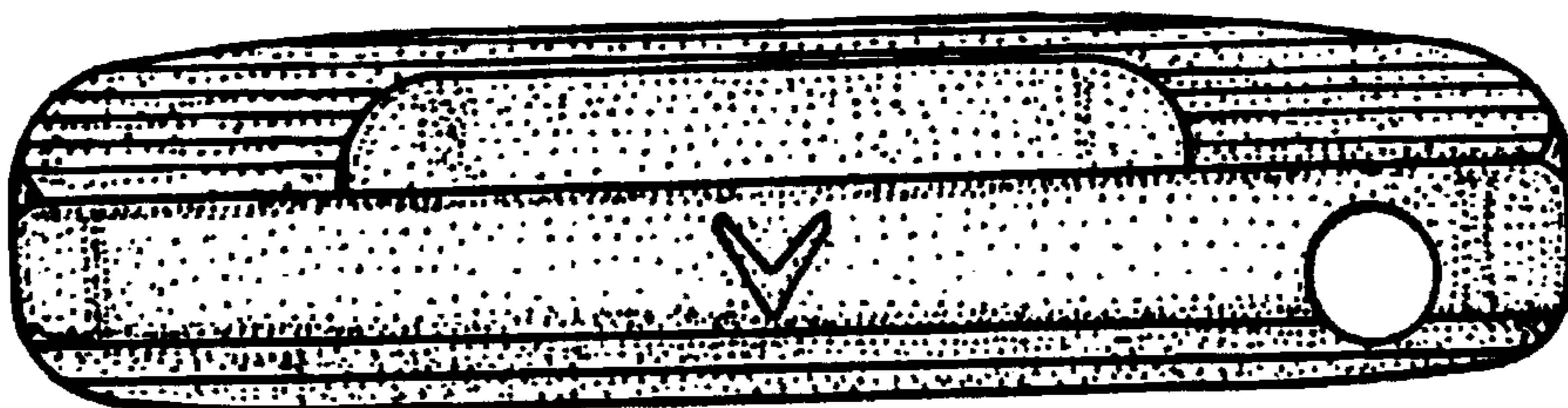


FIG. 2.



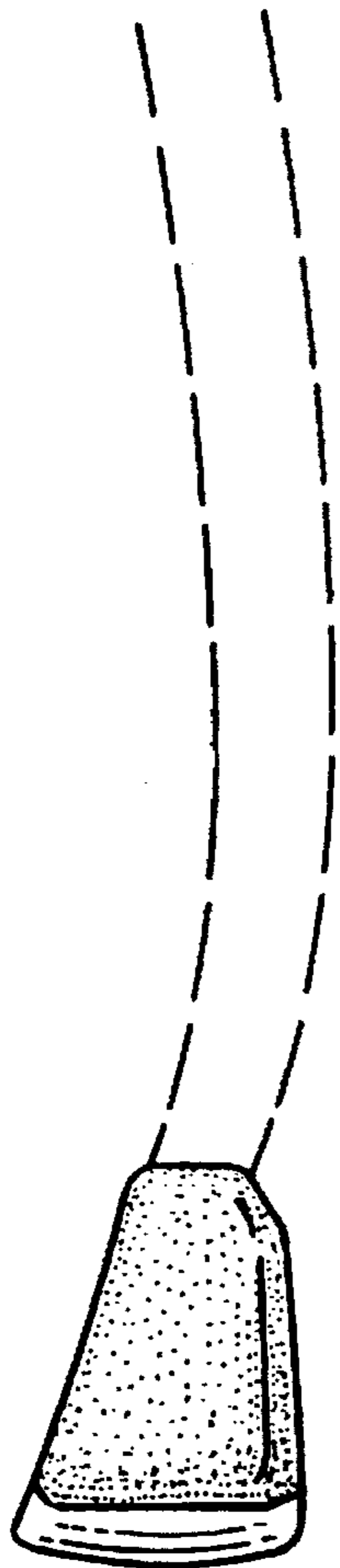


FIG. 3.

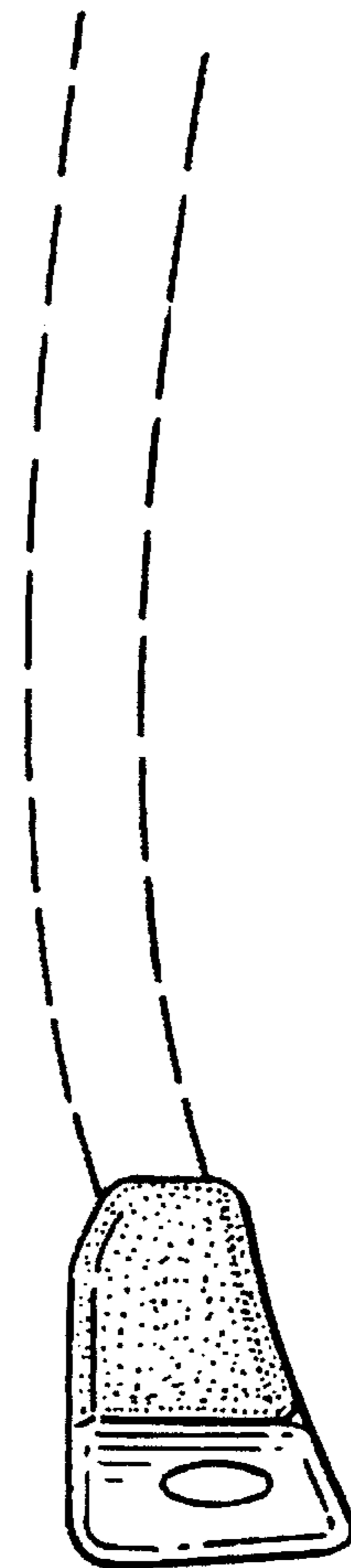


FIG. 4.

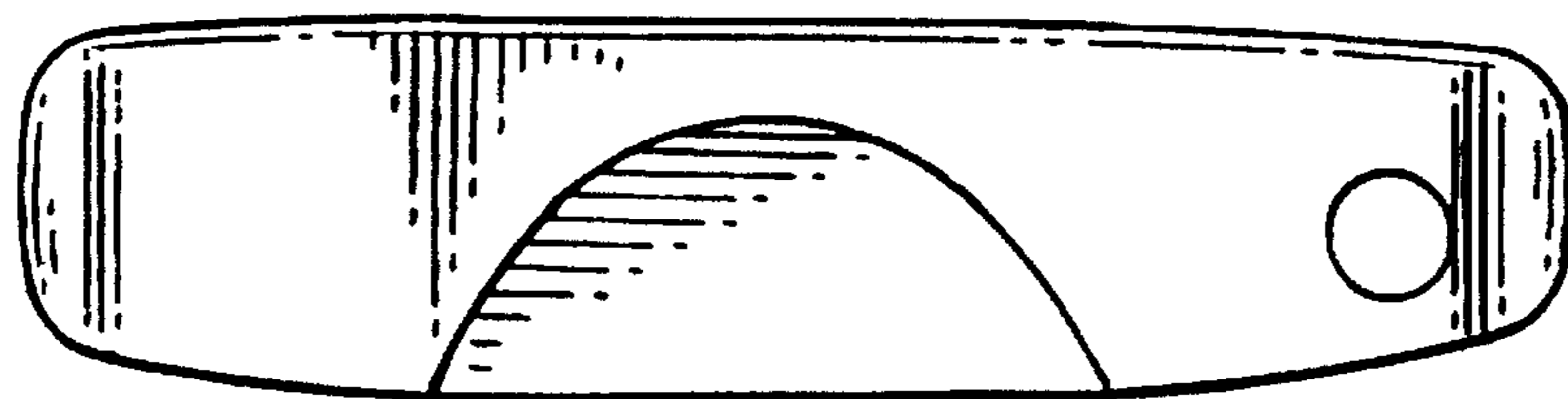


FIG. 5.

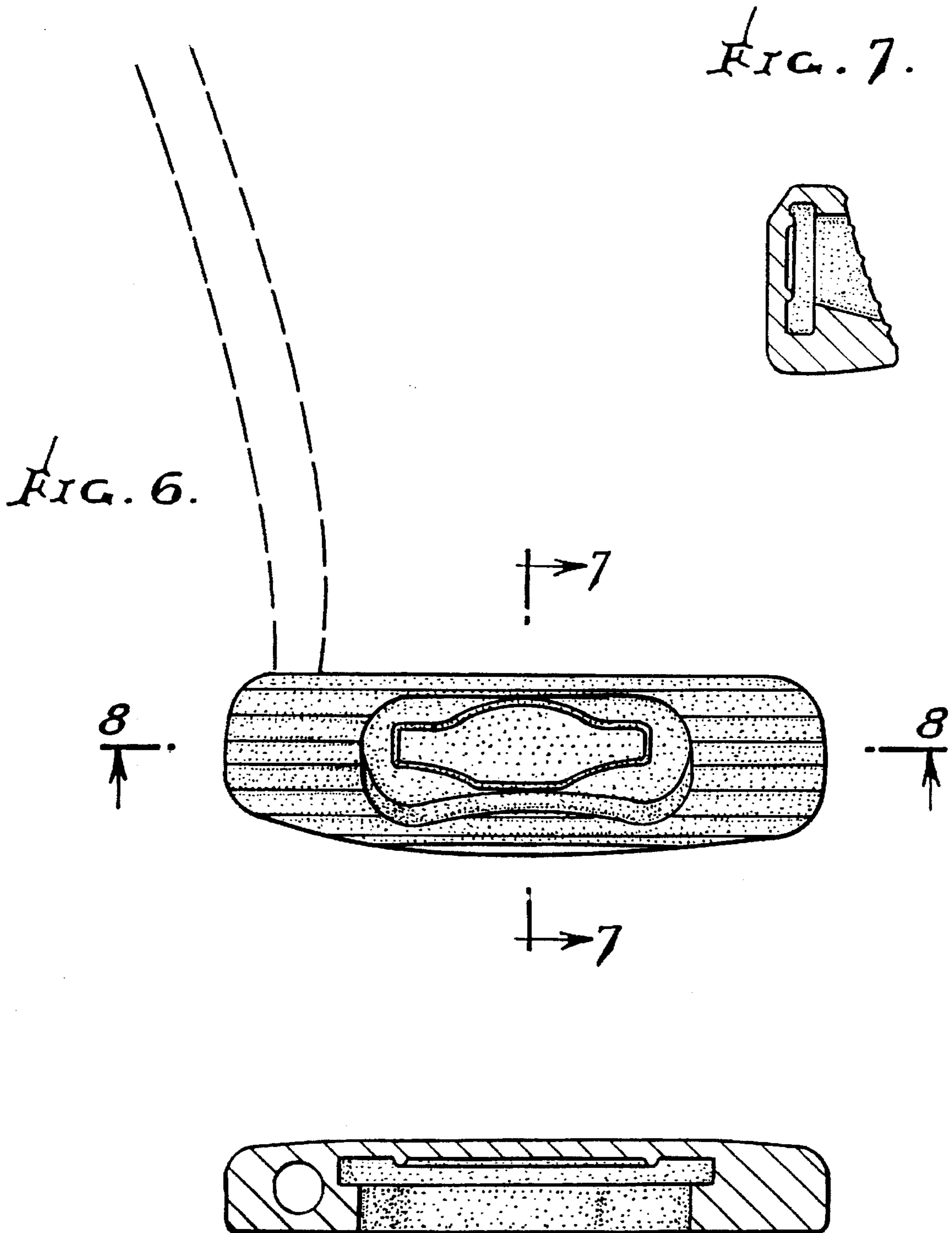


FIG. 7.

FIG. 6.

FIG. 8.