



US00D552703S

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

(10) **Patent No.:** **US D552,703 S**  
(45) **Date of Patent:** **\*\* Oct. 9, 2007**

(54) **PERIMETER-WEIGHTED BACK PORTION WITH AN INTEGRATED TRAPEZOIDAL WEIGHT PORTION FOR AN IRON GOLF CLUB**

(75) Inventors: **Motokaka Iwata**, Osaka (JP); **Isamu Toshinari**, Osaka (JP); **Tomomi Watanabe**, Osaka (JP); **Mamoru Saraie**, Osaka (JP); **Kiyotaka Chaen**, Osaka (JP)

(73) Assignee: **Mizuno Corporation**, Osaka (JP)

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

(21) Appl. No.: **29/267,282**

(22) Filed: **Oct. 11, 2006**

**Related U.S. Application Data**

(63) Continuation of application No. 10/757,131, filed on Jan. 14, 2004, now Pat. No. 7,131,913, which is a continuation of application No. 09/976,496, filed on Oct. 12, 2001, now Pat. No. 6,709,345.

(51) **LOC (8) Cl.** ..... **21-02**

(52) **U.S. Cl.** ..... **D21/759**

(58) **Field of Classification Search** ..... D21/747-751, D21/759; 473/324-331, 350  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|             |        |                |
|-------------|--------|----------------|
| 4,915,386 A | 4/1990 | Antonious      |
| 5,282,625 A | 2/1994 | Schmidt et al. |
| 5,330,187 A | 7/1994 | Schmidt et al. |
| 5,333,872 A | 8/1994 | Manning et al. |
| 5,395,113 A | 3/1995 | Antonious      |

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 0 622 095 A1 11/1994

|    |             |         |
|----|-------------|---------|
| GB | 2288984     | 11/1995 |
| GB | 2331249     | 5/1999  |
| JP | 5-27951     | 7/1993  |
| JP | 6-134047    | 5/1994  |
| JP | 6-343722    | 12/1994 |
| JP | 6-343723    | 12/1994 |
| JP | 7-204301    | 8/1995  |
| JP | 3035480     | 3/1997  |
| JP | 10-024130   | 1/1998  |
| JP | 3045407     | 2/1998  |
| JP | 11-047322   | 2/1999  |
| JP | 11-114109   | 4/1999  |
| JP | 11-178960   | 7/1999  |
| JP | 11-216204   | 8/1999  |
| JP | 3066989     | 3/2000  |
| JP | 2001-212266 | 8/2001  |

*Primary Examiner*—Mitchell Siegel

(74) *Attorney, Agent, or Firm*—Troutman Sanders LLP; Jeffrey L. Waters

(57) **CLAIM**

The ornamental design for the perimeter-weighted back portion with an integrated trapezoidal weight portion for an iron golf club, as shown and described.

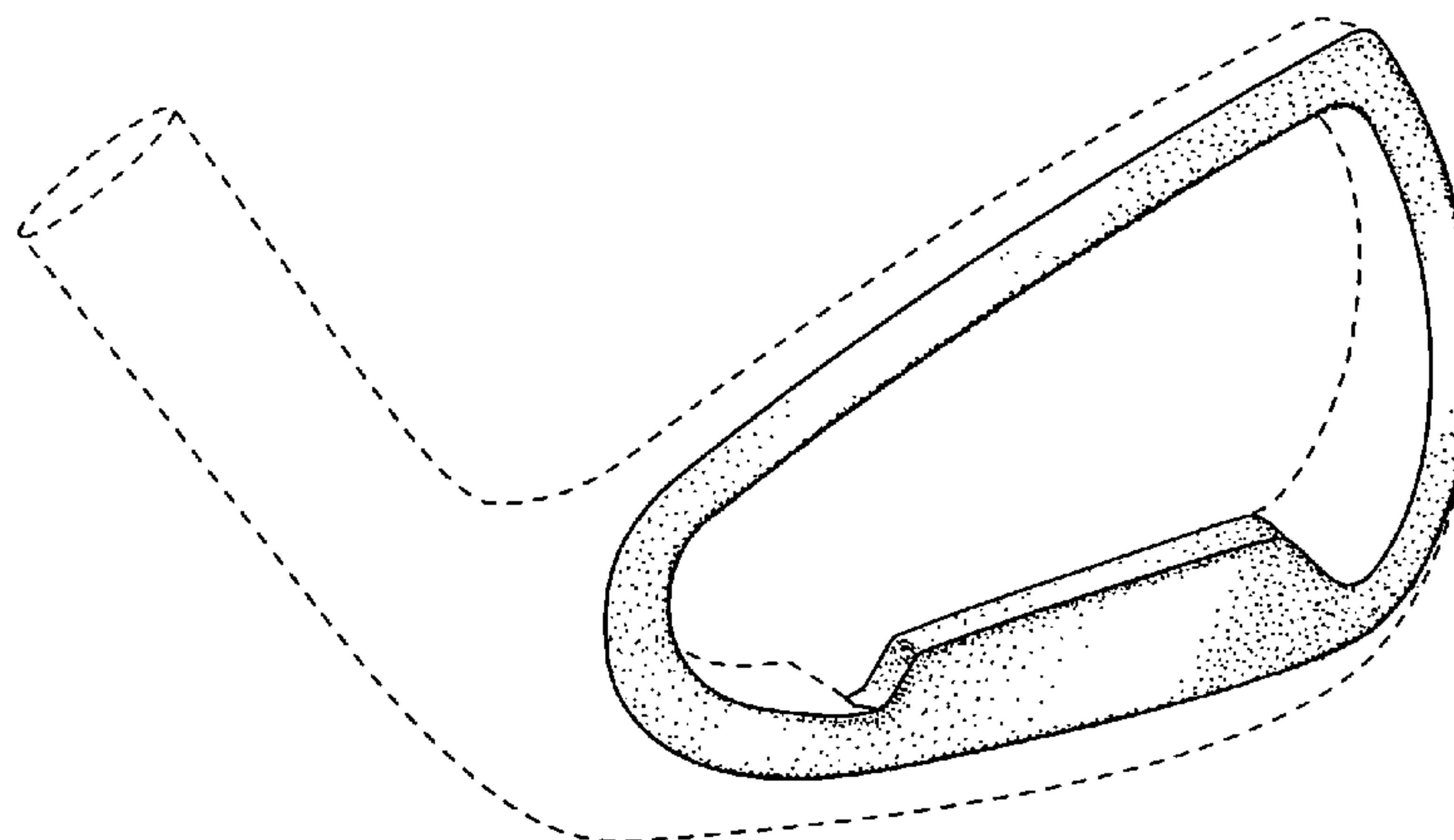
**DESCRIPTION**

FIG. 1 is a bird's-eye perspective view of my ornamental design for a perimeter-weighted back portion with an integrated trapezoidal weight portion for an iron golf club, with phantom lines indicating the environmental structure associated with the design which form no part of the claimed design throughout the figures;

FIG. 2 is a rear elevation of the perimeter-weighted back portion with an integrated trapezoidal weight portion for an iron golf club; and,

FIG. 3 is a cross-section of the perimeter-weighted back portion with an integrated trapezoidal weight portion for an iron golf club, taken along lines 3—3 in FIG. 2.

**1 Claim, 2 Drawing Sheets**



# US D552,703 S

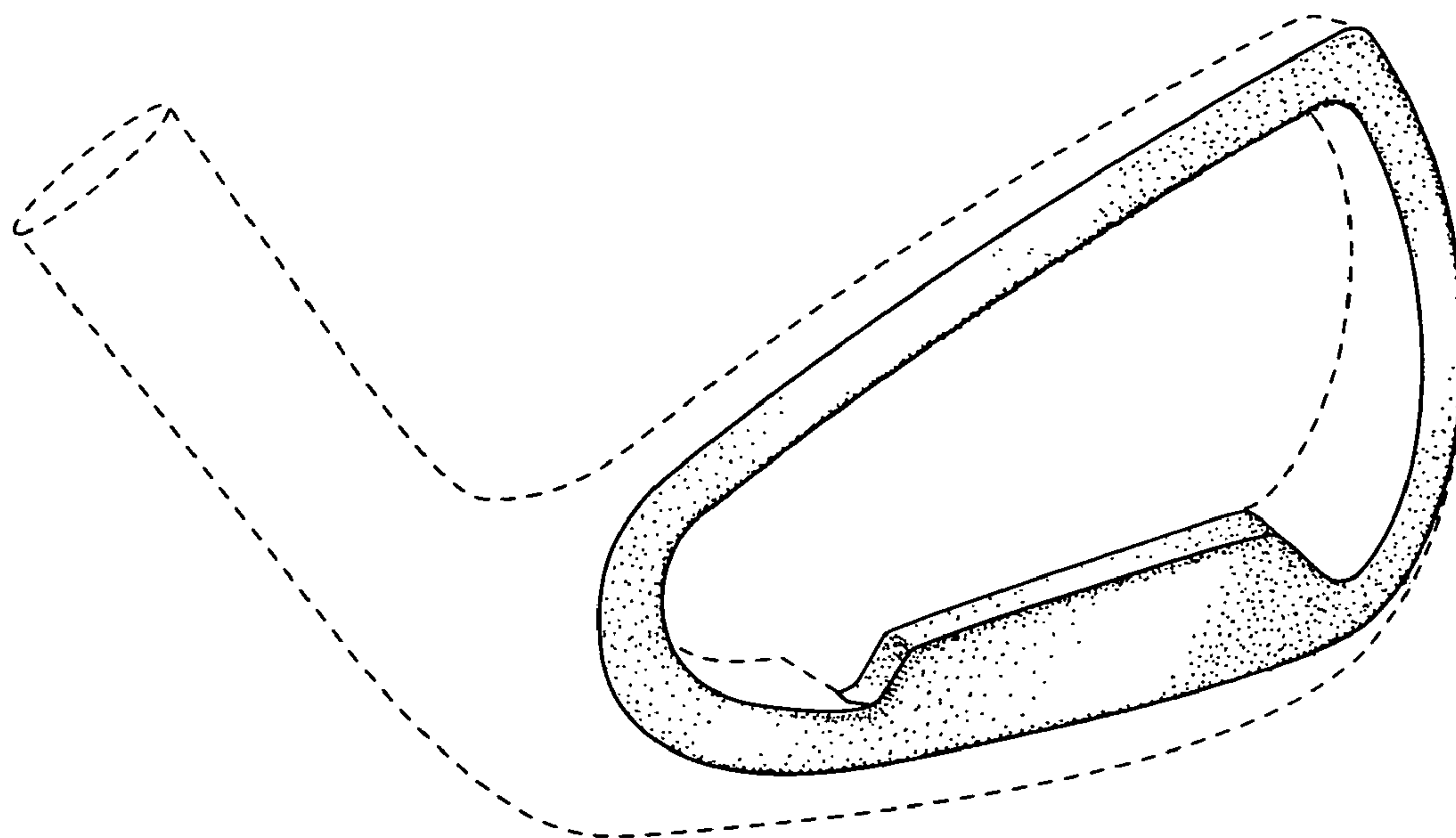
Page 2

---

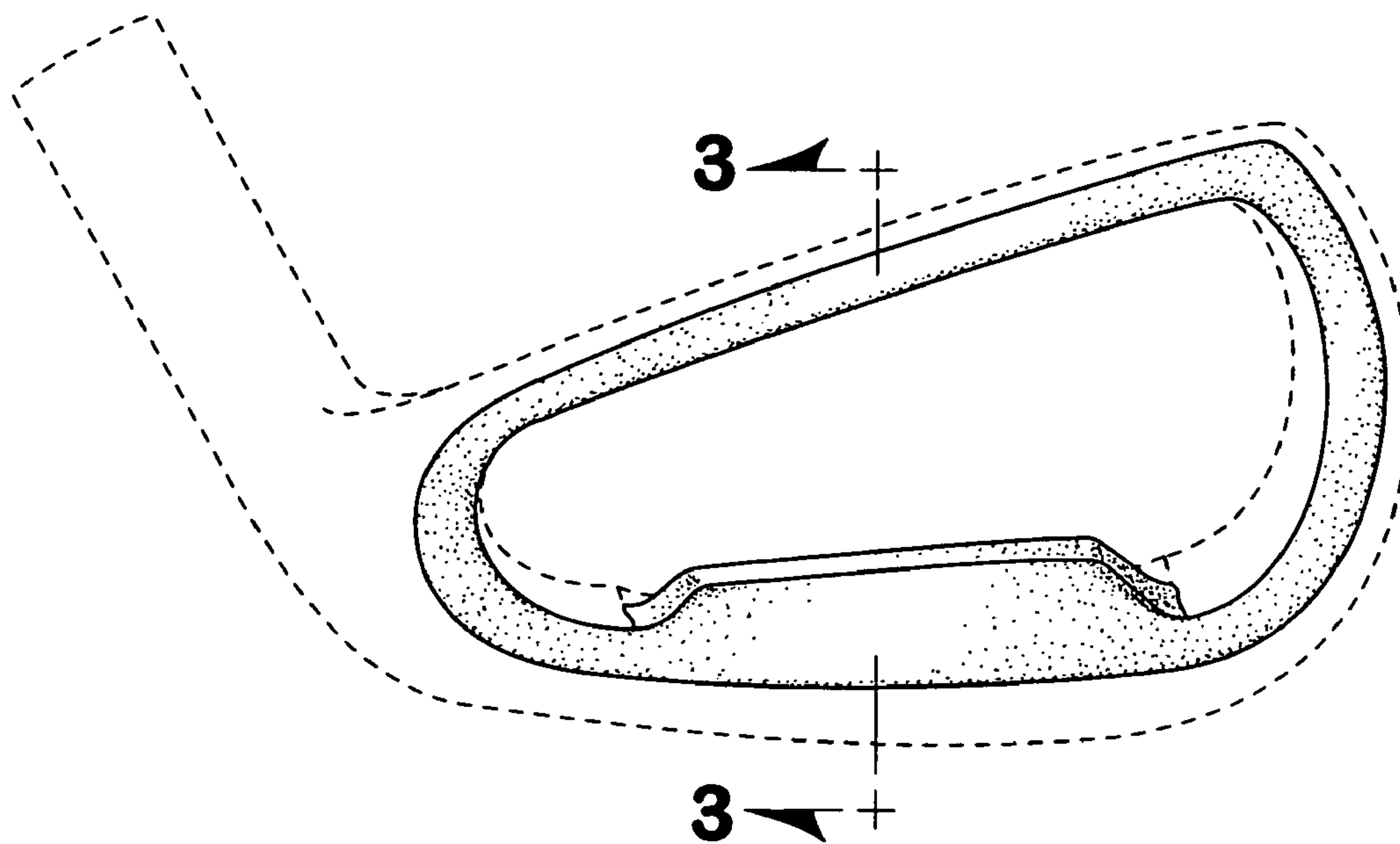
## U.S. PATENT DOCUMENTS

|           |     |         |                 |       |         |  |
|-----------|-----|---------|-----------------|-------|---------|--|
| 5,413,336 | A   | 5/1995  | Iwanaga         |       |         |  |
| 5,749,795 | A   | 5/1998  | Schmidt et al.  |       |         |  |
| 5,807,191 | A   | 9/1998  | Nakahara        |       |         |  |
| 5,816,936 | A   | 10/1998 | Aizawa et al.   |       |         |  |
| D421,080  | S * | 2/2000  | Chen            | ..... | D21/747 |  |
| 6,077,173 | A   | 6/2000  | Stites          |       |         |  |
| D454,932  | S   | 3/2002  | Mahaffey et al. |       |         |  |
| D467,292  | S * | 12/2002 | Saraie et al.   | ..... | D21/749 |  |
| 6,695,937 | B1  | 2/2004  | Stites, III     |       |         |  |
| D504,167  | S * | 4/2005  | Iwata et al.    | ..... | D21/759 |  |
| D508,722  | S * | 8/2005  | Iwata et al.    | ..... | D21/759 |  |
| D526,036  | S * | 8/2006  | Nishitani       | ..... | D21/747 |  |

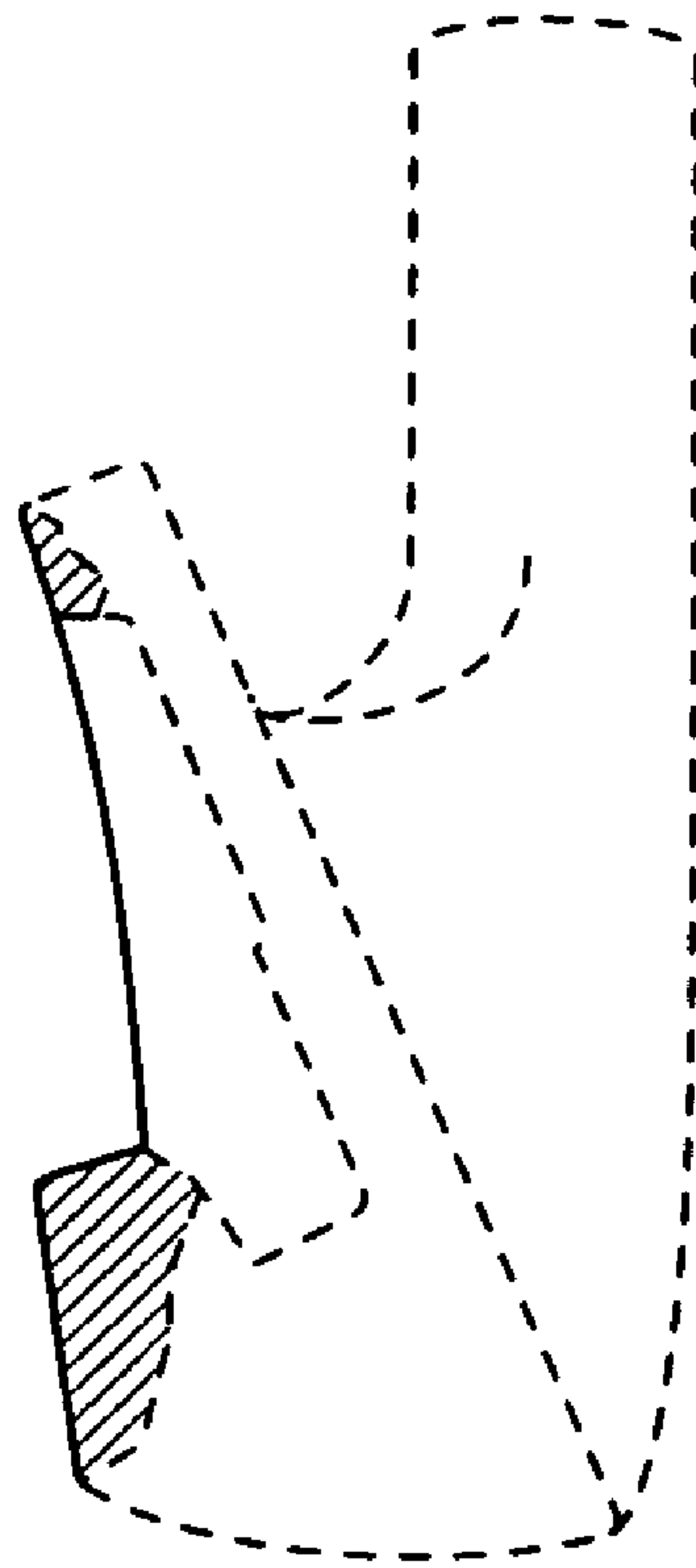
\* cited by examiner



**FIG. 1**



**FIG. 2**



**FIG 3**