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

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(54) **ERGONOMIC AND FUNCTIONALLY-EFFICIENT ONE-HAND USER INPUT INTERFACE**

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(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)

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

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**Related U.S. Application Data**

(63) Continuation of application No. 29/180,979, filed on May 2, 2003, now abandoned.

(51) **LOC (8) Cl.** ..... **14-02**

(52) **U.S. Cl.** ..... **D14/402**

(58) **Field of Search** ..... D14/402, 432, D14/404-406, 416, 454-456, 218, 240; 341/20-22; 345/161, 168, 169, 156; 400/484-489, 492

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,059,048 A \* 10/1991 Sirkin ..... 400/486

5,332,322 A \* 7/1994 Gambaro ..... 400/489  
D355,895 S \* 2/1995 Soren et al. .... D14/240  
5,432,510 A \* 7/1995 Matthews ..... 341/20  
5,745,056 A \* 4/1998 Takahashi et al. .... 341/22  
D435,045 S \* 12/2000 Treadwell ..... D14/402  
6,164,853 A \* 12/2000 Foote ..... 400/489  
D436,099 S \* 1/2001 Hannig ..... D14/218  
6,222,526 B1 \* 4/2001 Holmes ..... 345/161  
D448,358 S \* 9/2001 Tickle et al. .... D14/218  
D464,350 S \* 10/2002 Kerestegian et al. .... D14/402

\* cited by examiner

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(57) **CLAIM**

The ornamental design for an ergonomic and functionally-efficient one-hand user input interface, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an ergonomic and functionally-efficient one-hand user input interface, in accordance with the present invention.

FIG. 2 is a top view thereof.

FIG. 3 is an underside view thereof.

FIG. 4 is a front view thereof.

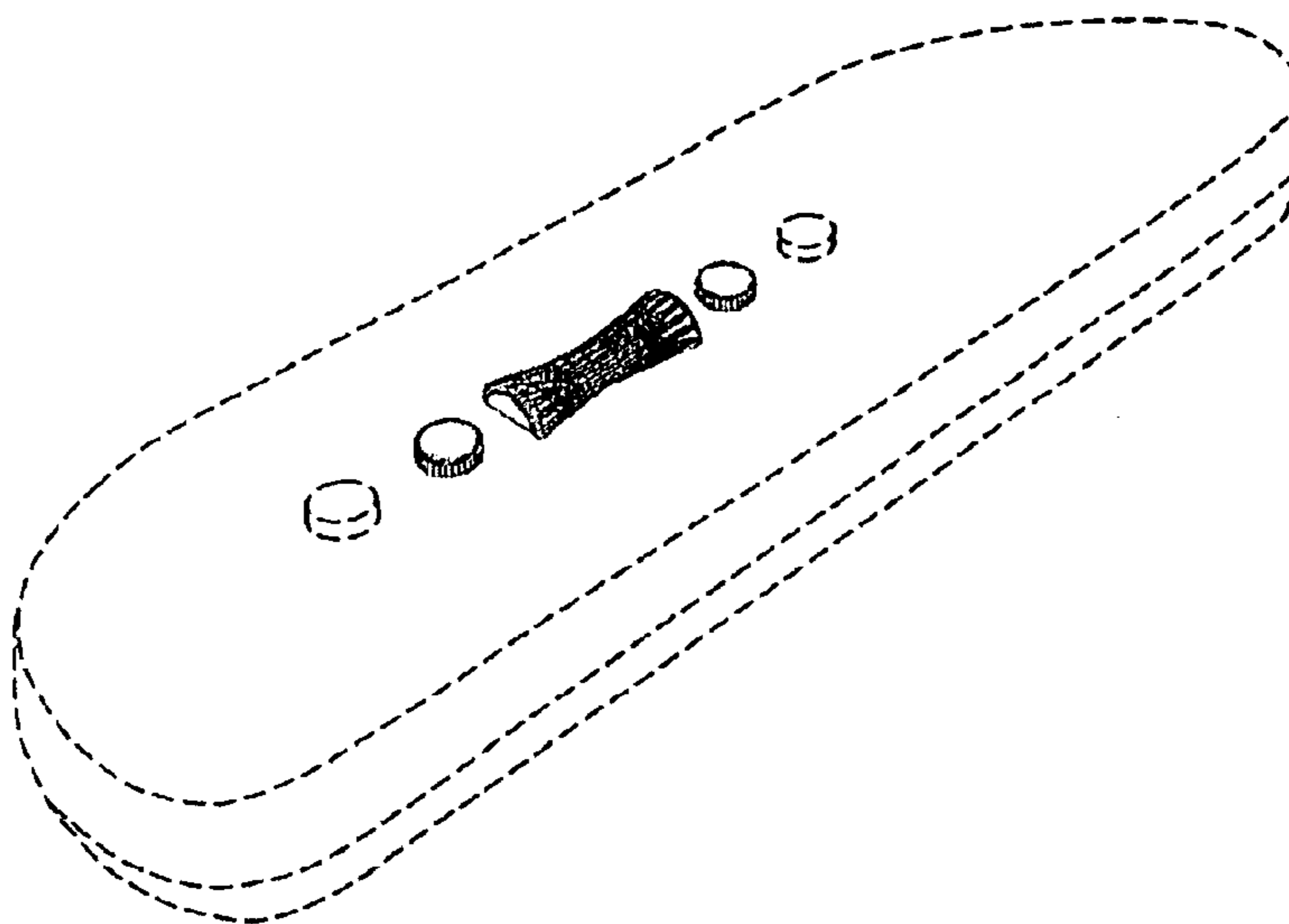
FIG. 5 is a rear view thereof.

FIG. 6 is a side view thereof; and,

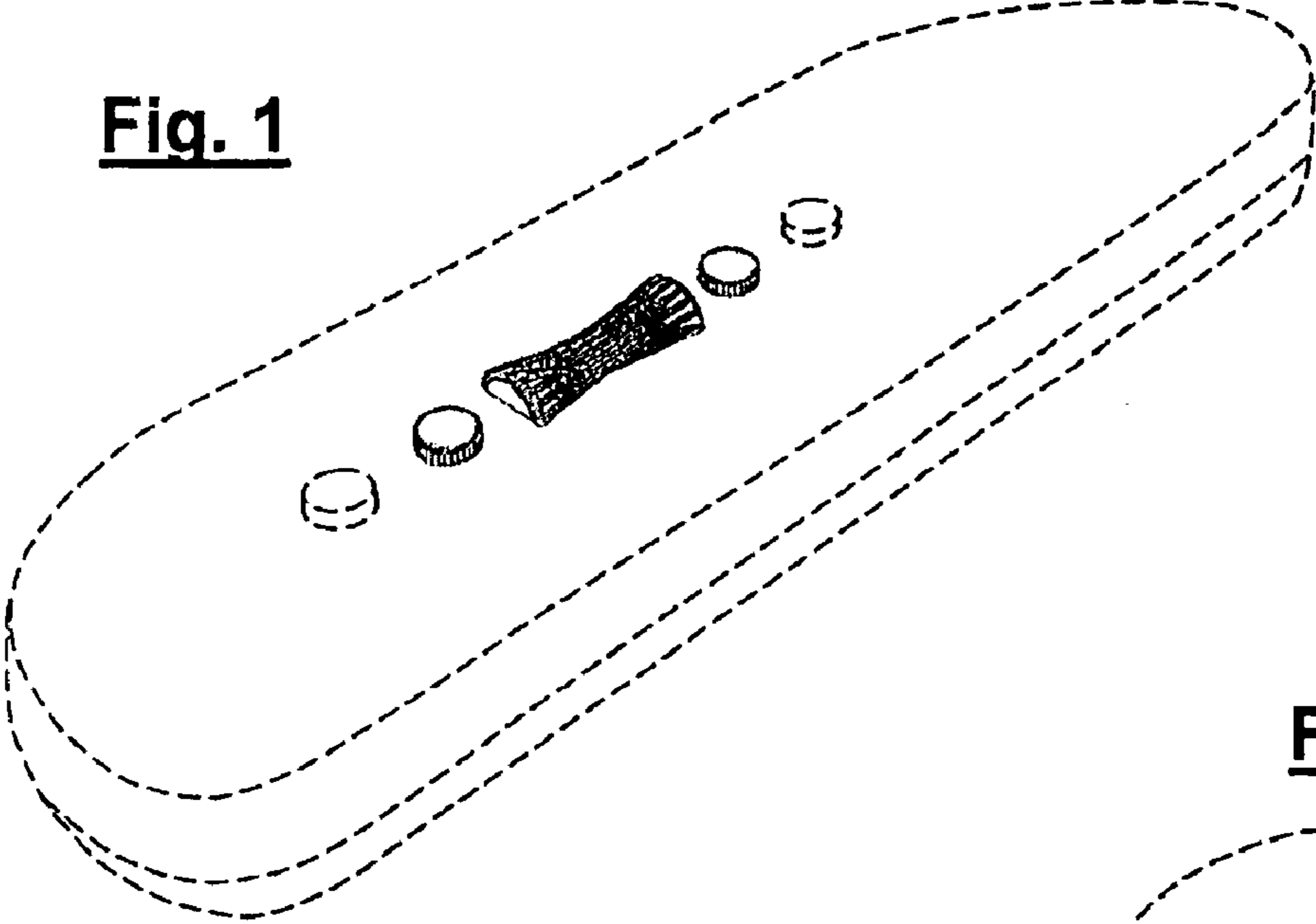
FIG. 7 is a corresponding view thereof.

The broken lines showing the environment in the figures are for illustrative purposes only and form no part of the claimed design.

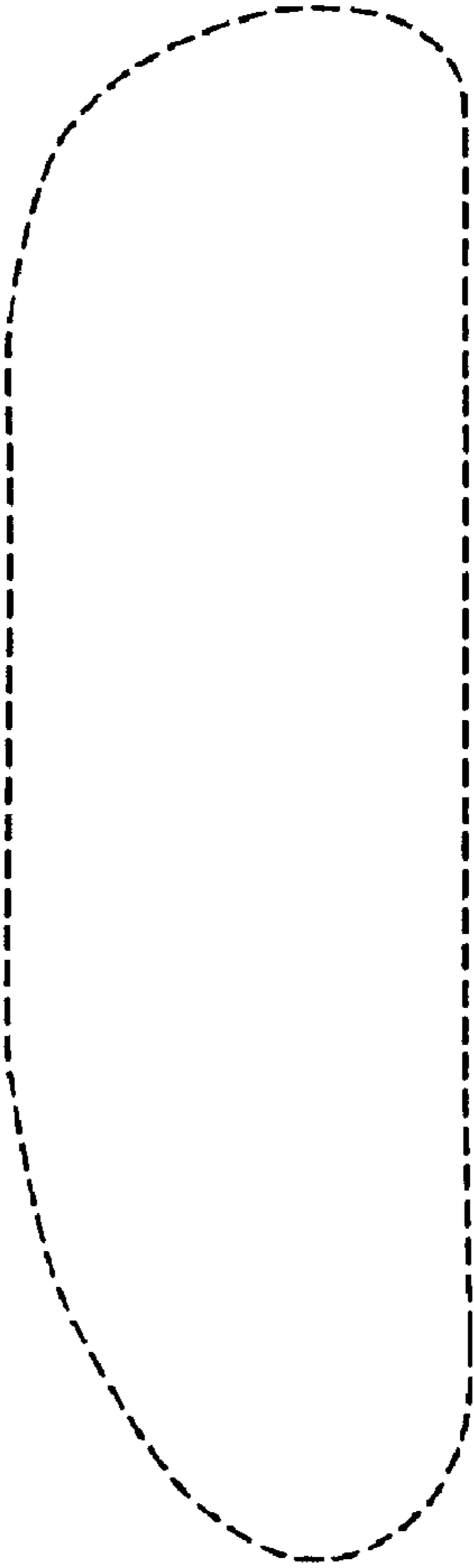
**1 Claim, 2 Drawing Sheets**



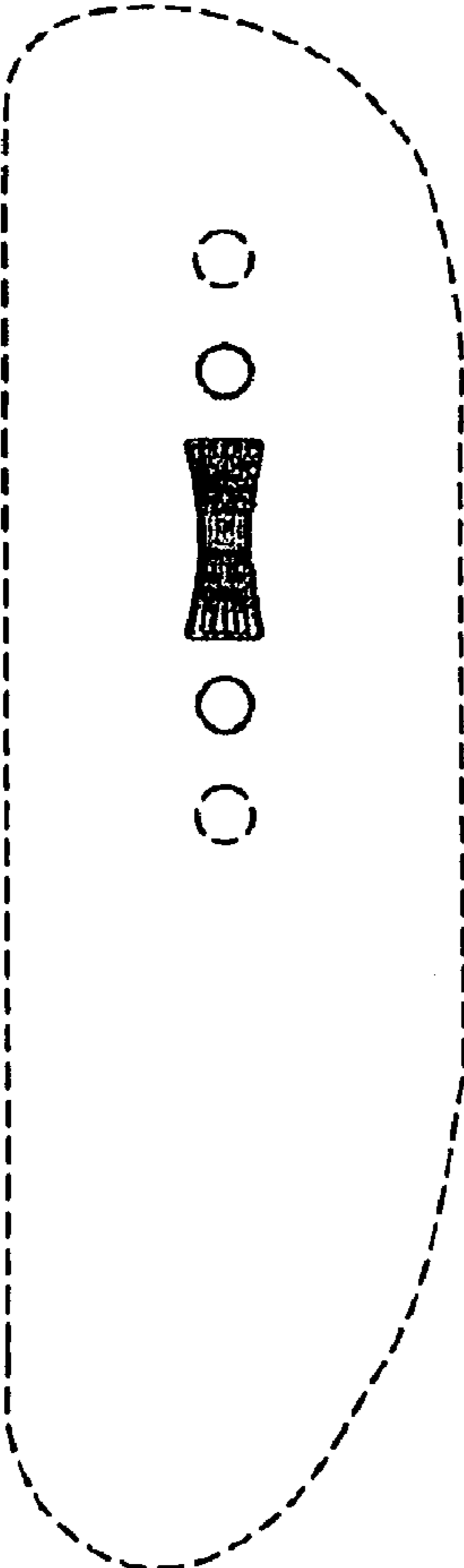
**Fig. 1**



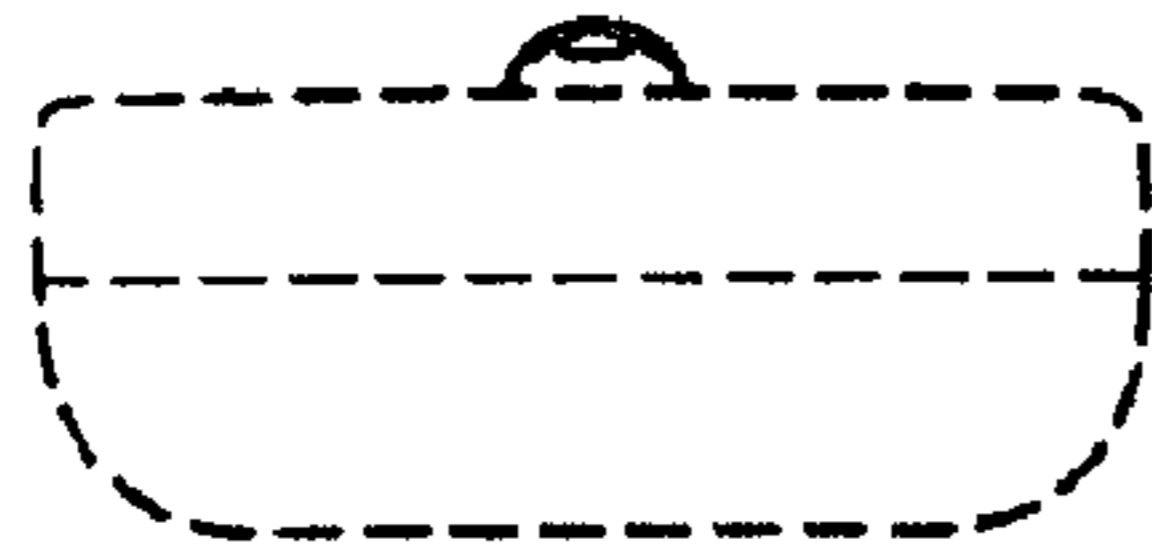
**Fig. 3**



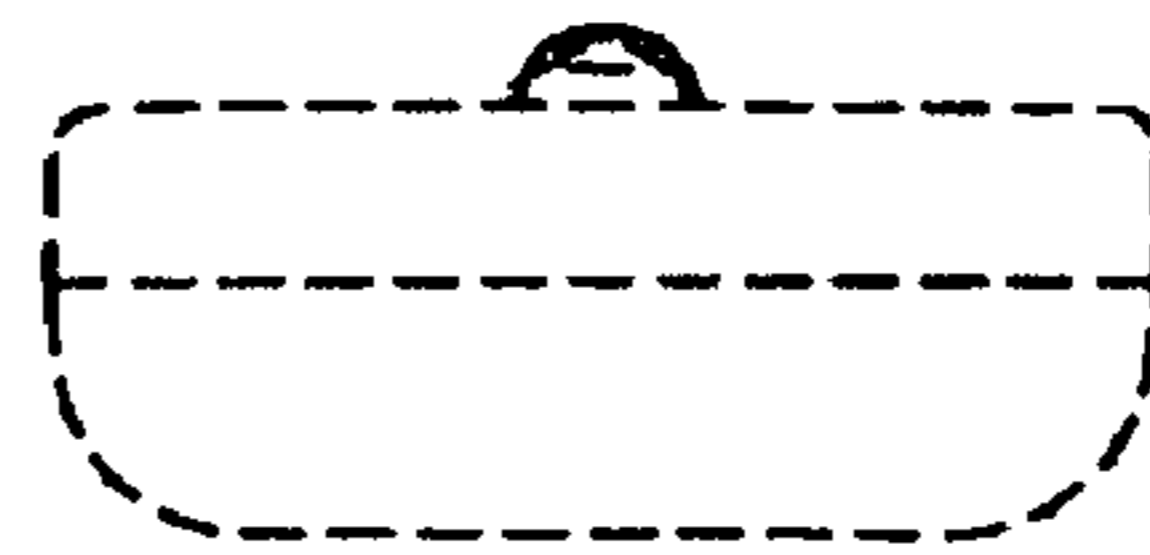
**Fig. 2**



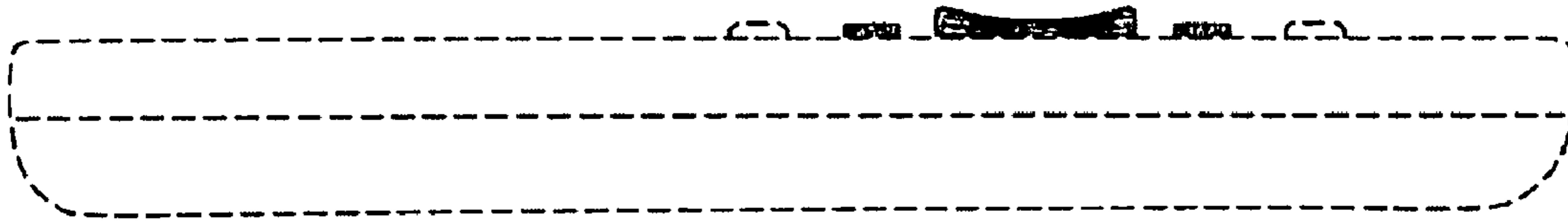
**Fig. 4**



**Fig. 5**



**Fig. 6**



**Fig. 7**

