



US00D343684S

# United States Patent [19]

[11] Patent Number: **Des. 343,684**

Paton et al.

[45] Date of Patent: **\*\* Jan. 25, 1994**

[54] **APPLICATOR FOR ELECTROPHORETIC TRANSCUTANEOUS DELIVERY OF DRUGS**

4,823,810	4/1989	Dervieux .....	128/783
4,919,648	4/1990	Sibalis .....	128/802 X
4,942,883	7/1990	Newman .....	128/798
5,037,381	8/1991	Bock et al. ....	604/20
5,167,617	12/1992	Sibalis .....	128/798 X
5,213,568	5/1993	Luttin et al. ....	604/20

[75] Inventors: **Michael Paton, Royston, England; Claude Mikler, Dijon, France**

[73] Assignee: **Laboratoires d'Hygiene et de Dietetique, Paris, France**

[\*\*] Term: **14 Years**

*Primary Examiner*—A. Hugo Word  
*Assistant Examiner*—I. Simmons  
*Attorney, Agent, or Firm*—Klein & Szekeres

[21] Appl. No.: **851,825**

[57] **CLAIM**

[22] Filed: **Mar. 16, 1992**

The ornamental design for an applicator for electrophoretic transcutaneous delivery of drugs, as shown and described.

[30] **Foreign Application Priority Data**

**DESCRIPTION**

Oct. 7, 1991 [FR] France ..... 91 6186

[52] U.S. Cl. .... **D24/189; D24/187**

[58] Field of Search ..... 128/783, 798, 802; 604/20, 892.1; D24/101, 103, 169, 187, 189, 232

FIG. 1 is a top plan view of an applicator for electrophoretic transcutaneous delivery of drugs showing our new design;

[56] **References Cited**

FIG. 2 is a bottom plan view thereof;

**U.S. PATENT DOCUMENTS**

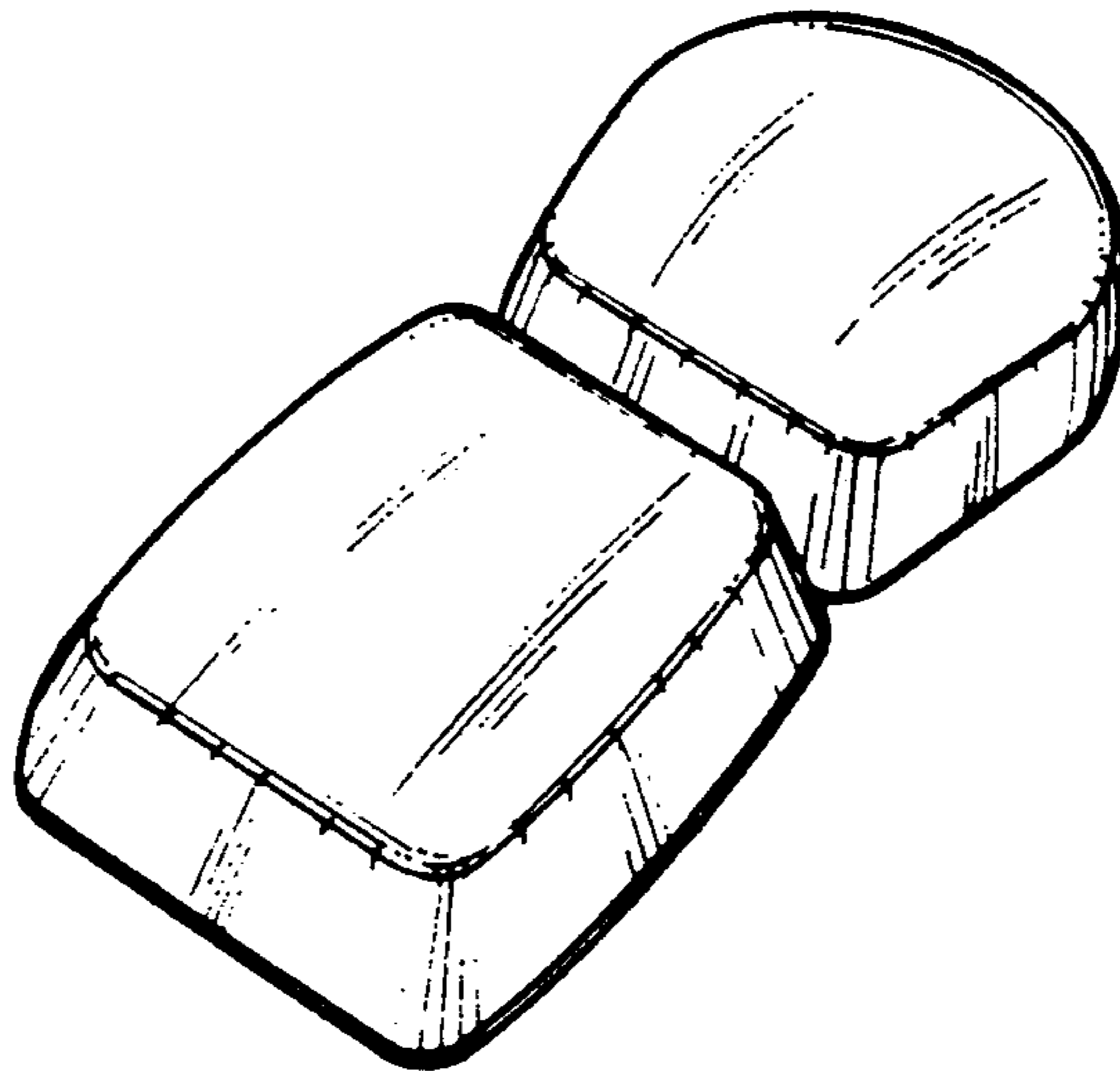
D. 292,826	11/1987	Sproles .....	D24/189
D. 296,006	5/1988	Asche .....	D24/189
4,809,707	3/1989	Kraft et al. ....	604/20 X

FIG. 3 is a front elevational view thereof, the rear elevational view being identical thereto;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a left side elevational thereof; and,

FIG. 6 is a perspective view thereof.



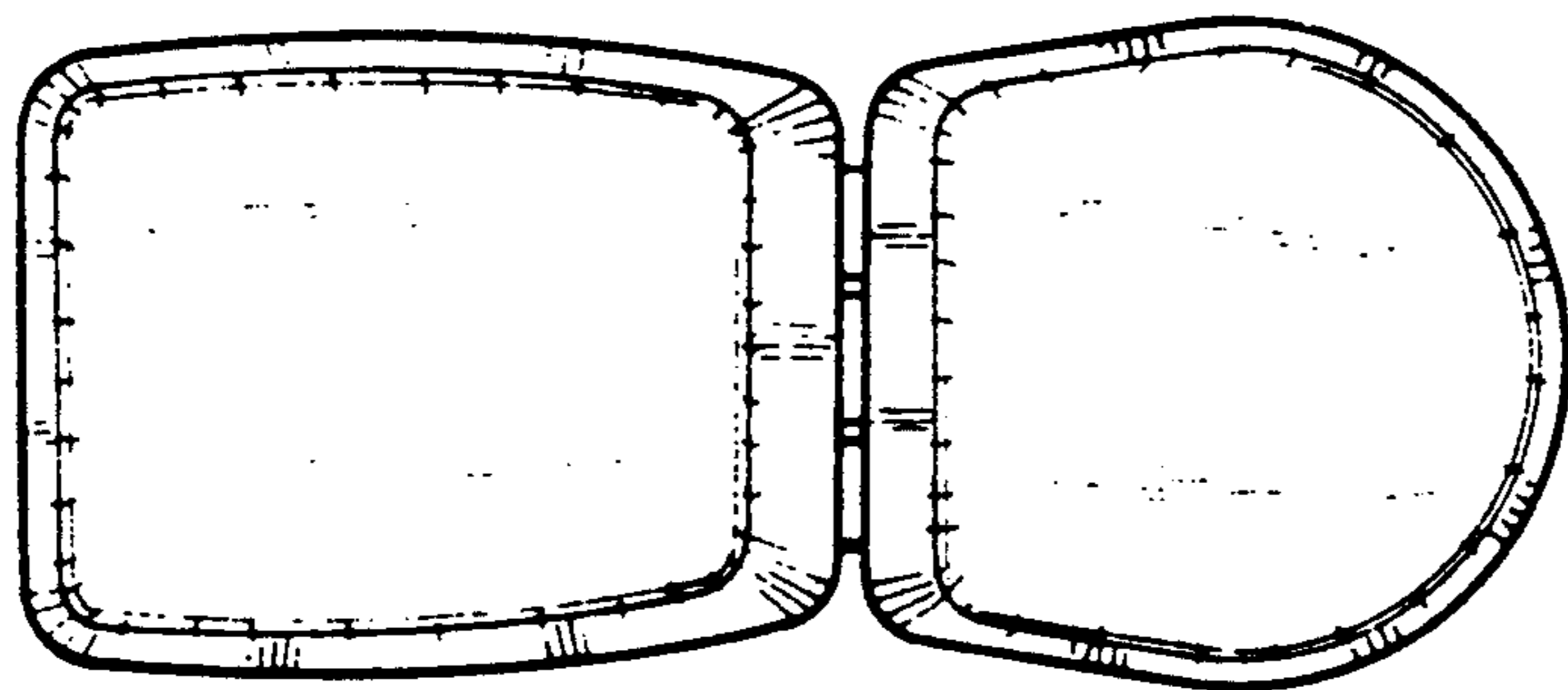


FIG. 1

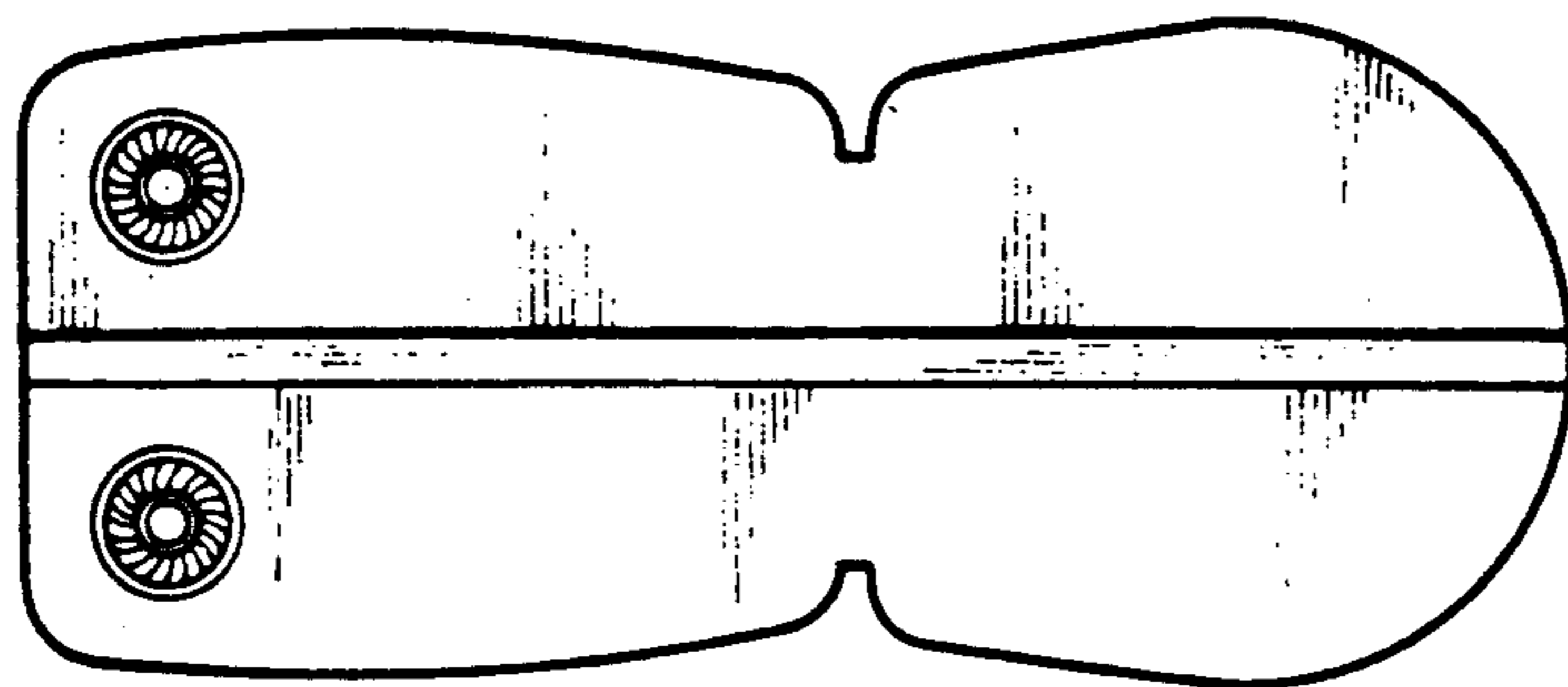


FIG. 2

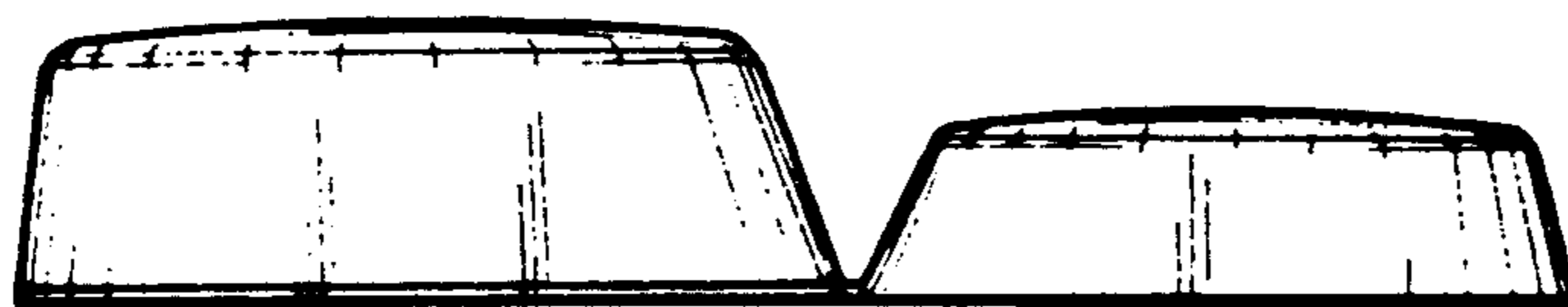


FIG. 3

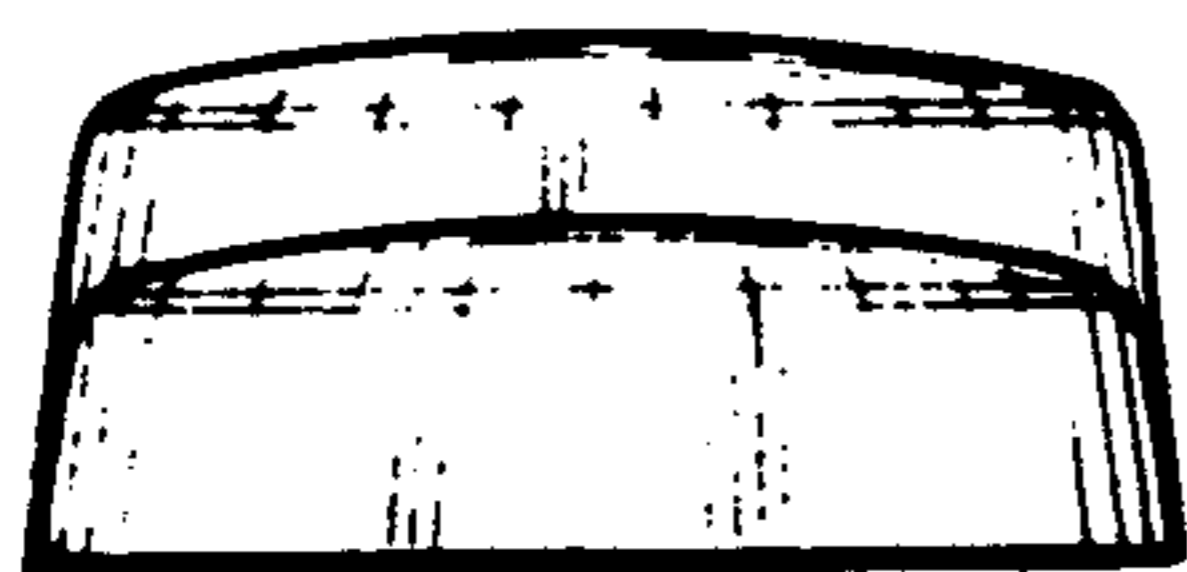


FIG. 4

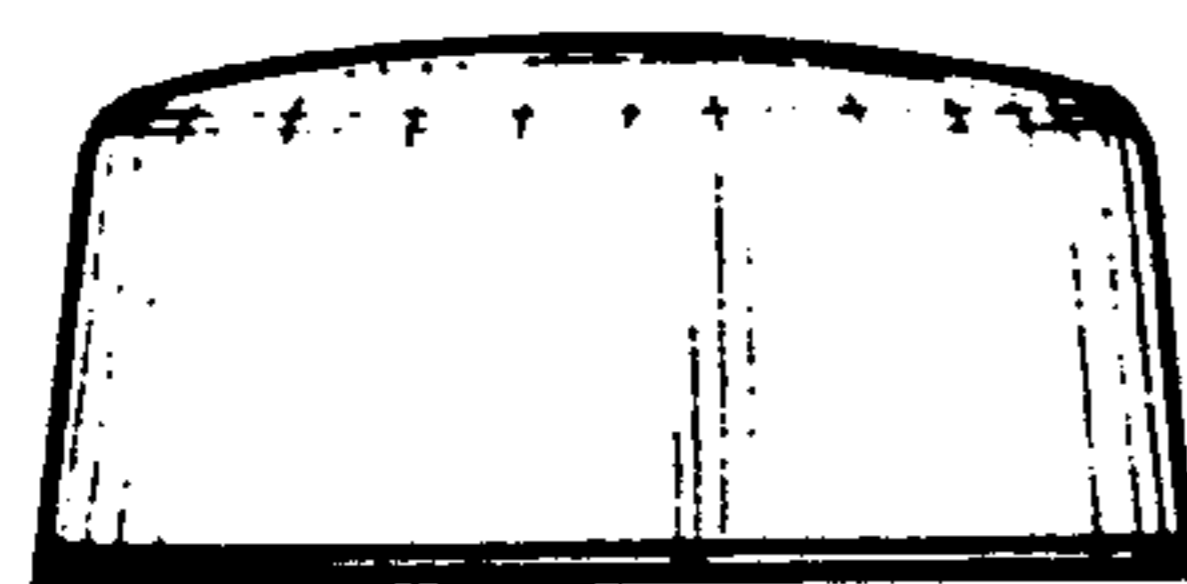


FIG. 5

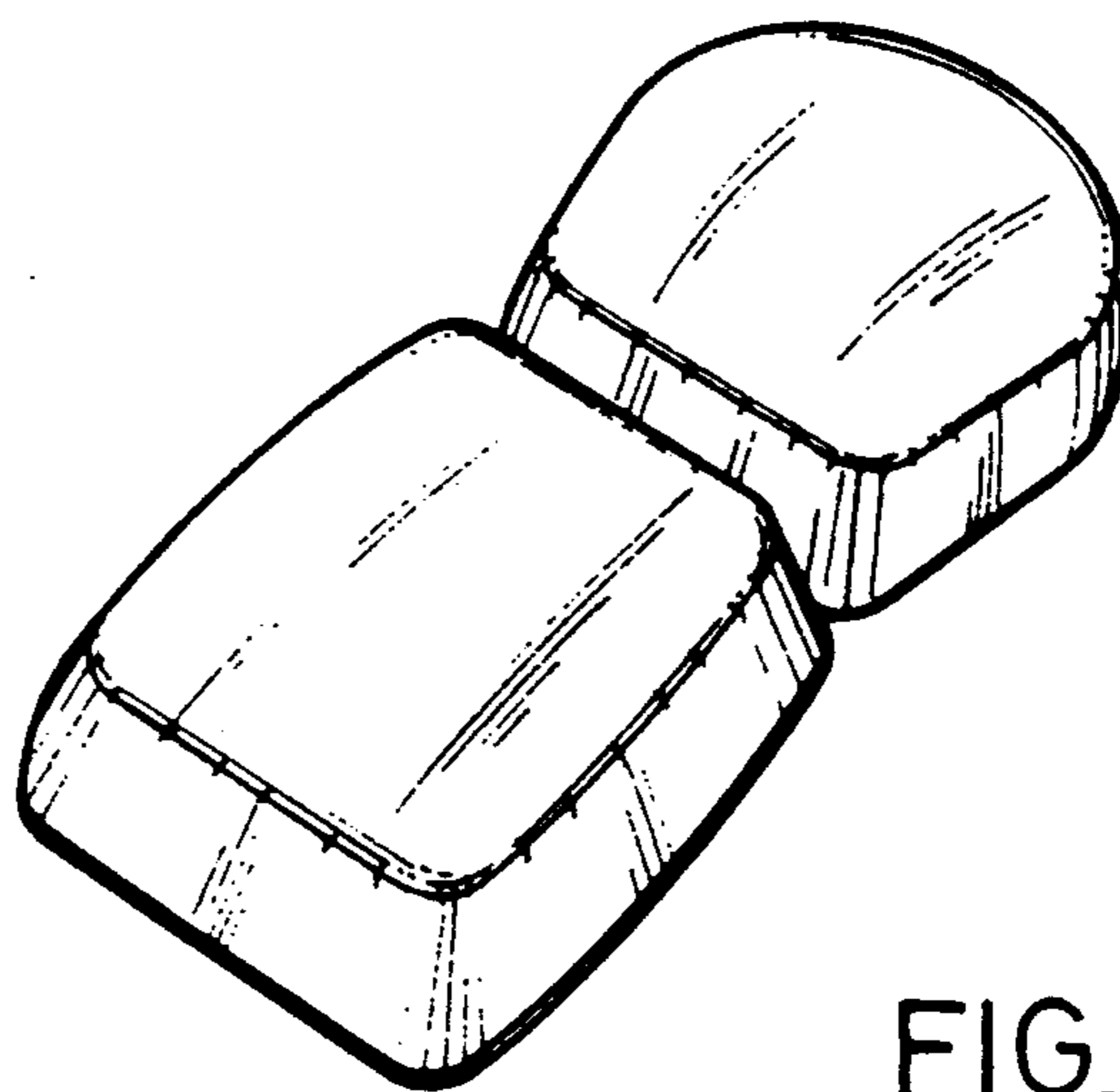


FIG. 6