



US00D618806S

(12) **United States Design Patent**  
**Gelb**

(10) **Patent No.:** **US D618,806 S**  
(45) **Date of Patent:** **\*\* Jun. 29, 2010**

(54) **ORAL APPLIANCE FOR IMPROVING  
AIRWAY FUNCTION DURING SLEEP OR  
PHYSICAL ACTIVITY**

(76) Inventor: **Michael L. Gelb**, 140 E. Hartsdale Ave.,  
Hartsdale, NY (US) 10530

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

(21) Appl. No.: **29/318,456**

(22) Filed: **May 20, 2008**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 12/023,680,  
filed on Jan. 31, 2008, now abandoned.

(51) **LOC (9) Cl.** ..... **24-01**

(52) **U.S. Cl.** ..... **D24/181; D29/108**

(58) **Field of Classification Search** ..... D24/110.5,  
D24/180, 181, 176; D29/108; 128/859,  
128/848, 861, 862; 602/902; 733/6, 140  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,674,336 A	6/1928	King	
2,483,157 A	9/1949	Singer	
2,521,039 A	9/1950	Carpenter	
2,590,118 A	3/1952	Oddo, Jr.	
3,457,916 A	7/1969	Wolicki	
4,169,473 A	10/1979	Samelson	
4,304,227 A	12/1981	Samelson	
4,495,945 A	1/1985	Liegner	
4,593,686 A	6/1986	Lloyd et al.	
4,676,240 A	6/1987	Gardy	
5,154,184 A	10/1992	Alvarez	
5,365,945 A *	11/1994	Halstrom	128/848
5,465,734 A	11/1995	Alvarez et al.	
5,499,633 A	3/1996	Fenton	
5,592,951 A	1/1997	Castagnaro et al.	
5,601,093 A	2/1997	Sheehan	
5,642,737 A *	7/1997	Parks	128/848
5,649,540 A	7/1997	Alvarez et al.	
D406,647 S	3/1999	Wagner	

6,055,986 A	5/2000	Meade	
D434,501 S	11/2000	Redhage	
6,170,485 B1 *	1/2001	Orrico	128/848
D452,011 S *	12/2001	Redhage	D24/181
6,405,729 B1 *	6/2002	Thornton	128/848
6,494,209 B2	12/2002	Kulick	
6,516,805 B1	2/2003	Thornton	
6,729,335 B1	5/2004	Halstrom	
D492,785 S *	7/2004	Garabito	D24/181
6,820,623 B2 *	11/2004	Cook	128/859
D500,895 S	1/2005	Manzo et al.	

(Continued)

**OTHER PUBLICATIONS**

PureSleep [online], [retrieved on May 19, 2008]. Retrieved from the  
PureSleep web site using Internet <URL: <http://puresleep.com/>>.

*Primary Examiner*—Ian Simmons

*Assistant Examiner*—Christopher Lee

(74) *Attorney, Agent, or Firm*—Dorr, Carson & Birney, P.C.

(57) **CLAIM**

The ornamental design for an oral appliance for improving  
airway function during sleep or physical activity, as shown  
and described.

**DESCRIPTION**

FIG. 1 is a rear perspective view of an oral appliance for  
improving airway function during sleep or physical activity  
showing my new design.

FIG. 2 is a front perspective view thereof.

FIG. 3 is a bottom plan view thereof.

FIG. 4 is a top plan view thereof.

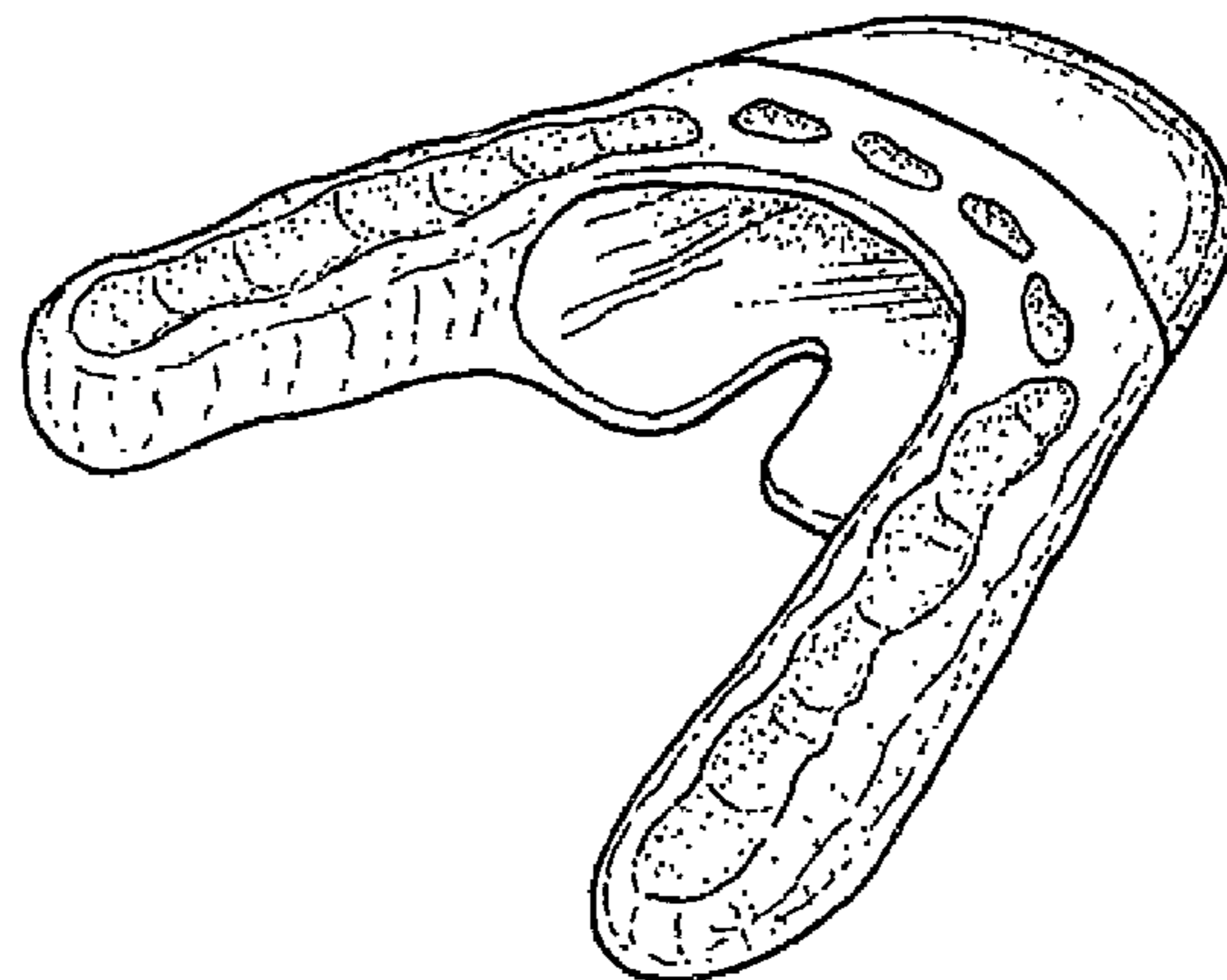
FIG. 5 is a right side elevational view thereof.

FIG. 6 is a left side elevational view thereof.

FIG. 7 is a front elevational view thereof; and,

FIG. 8 is a rear elevational view thereof.

**1 Claim, 3 Drawing Sheets**



# US D618,806 S

Page 2

---

## U.S. PATENT DOCUMENTS

D523,994 S	6/2006	Manzo	D530,863 S	10/2006	Manzo et al.	
7,073,506 B2	7/2006	Robertson et al.	D532,559 S	11/2006	Manzo et al.	
D526,095 S	8/2006	Manzo et al.	7,143,767 B2 *	12/2006	Zacco .....	128/859
			D537,987 S	3/2007	Manzo et al.	

\* cited by examiner

Fig. 1

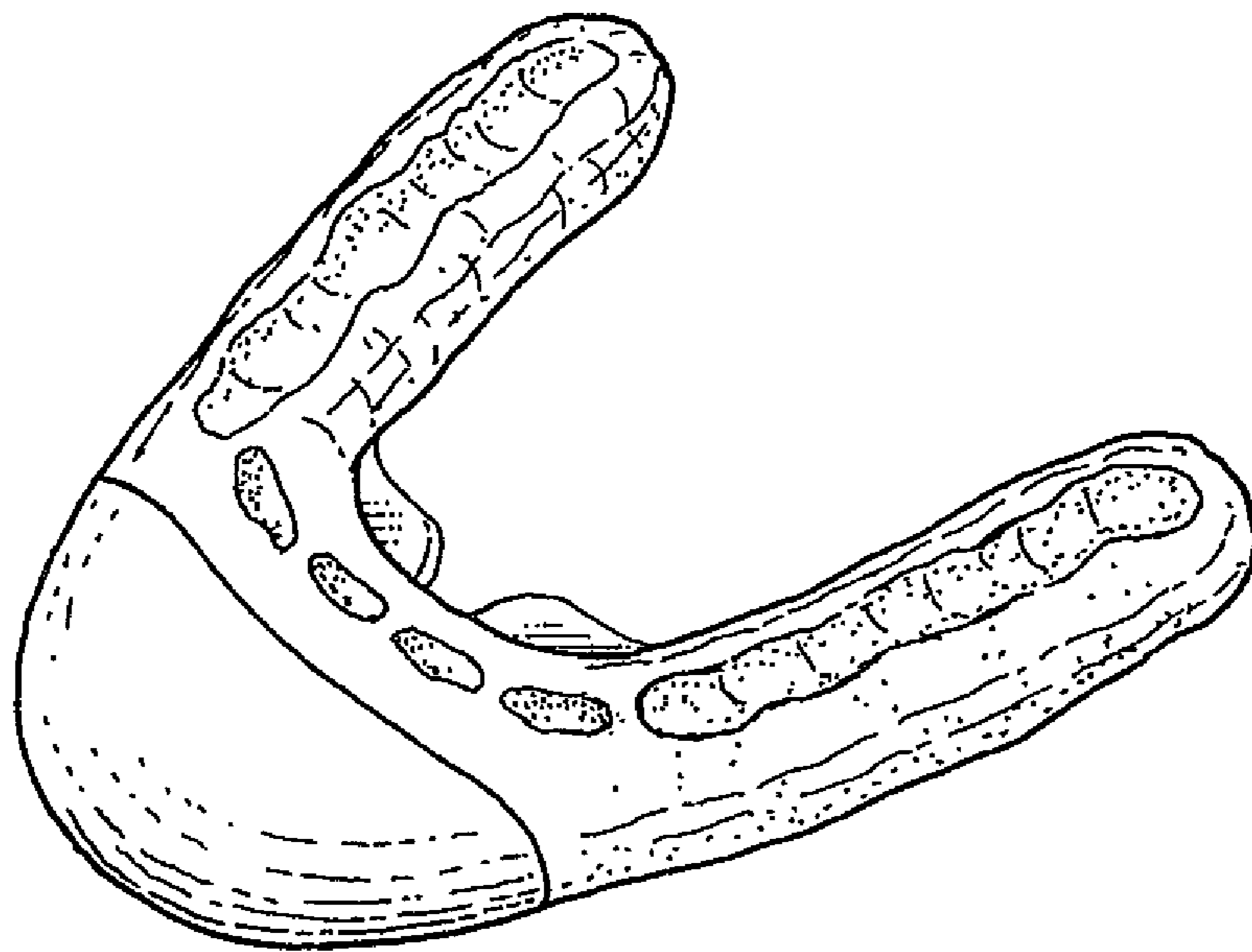
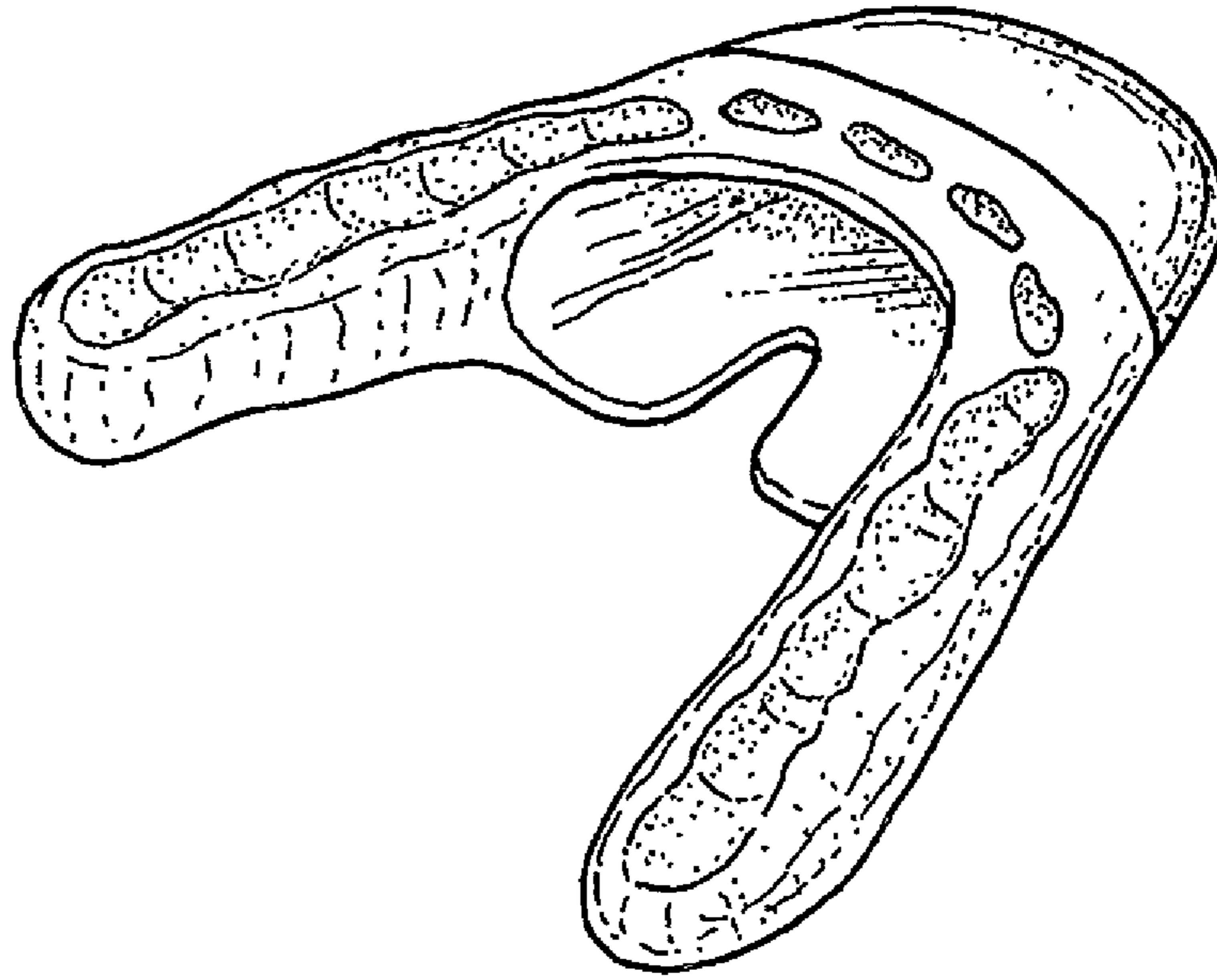


Fig. 2

Fig. 3

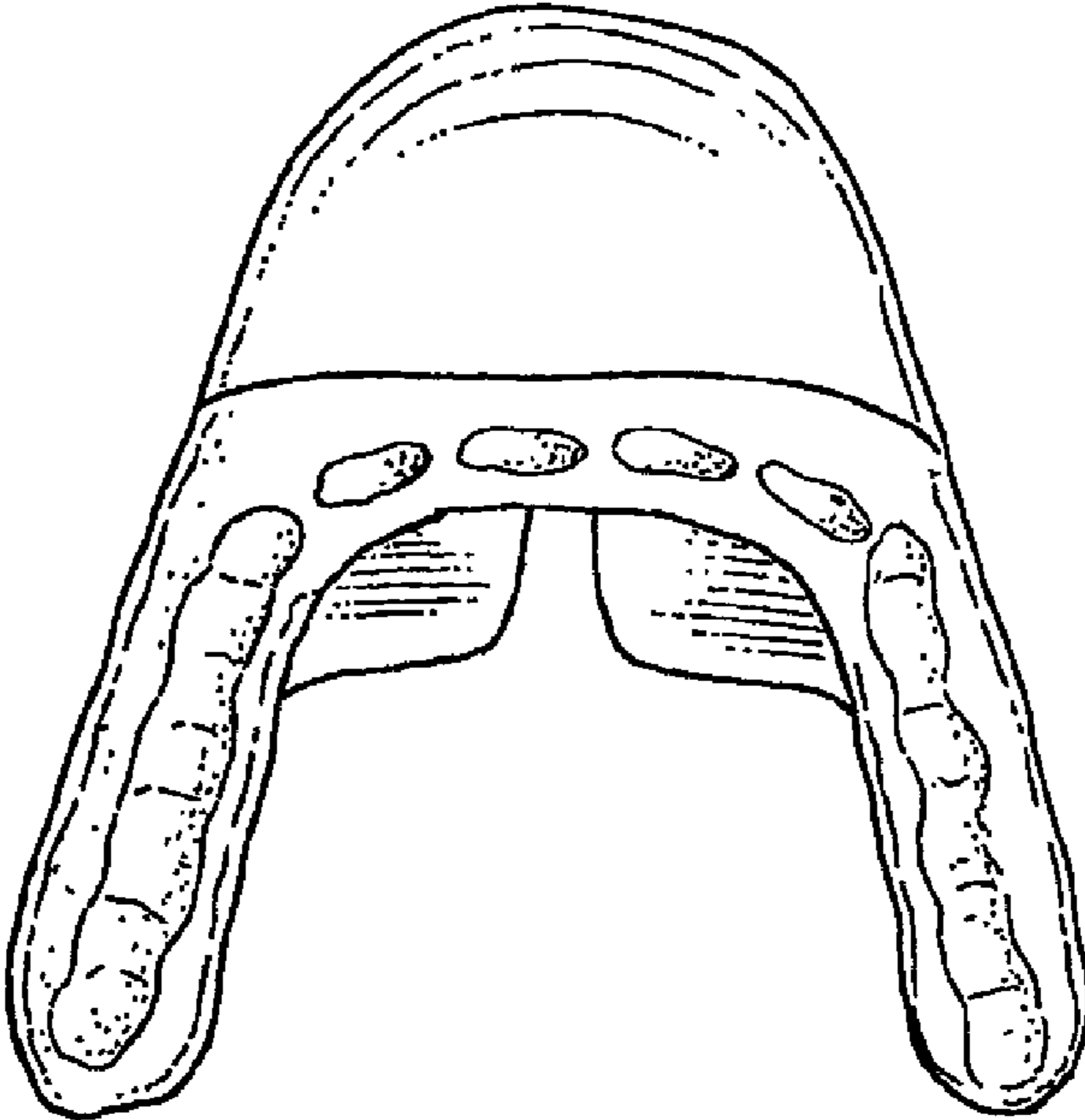
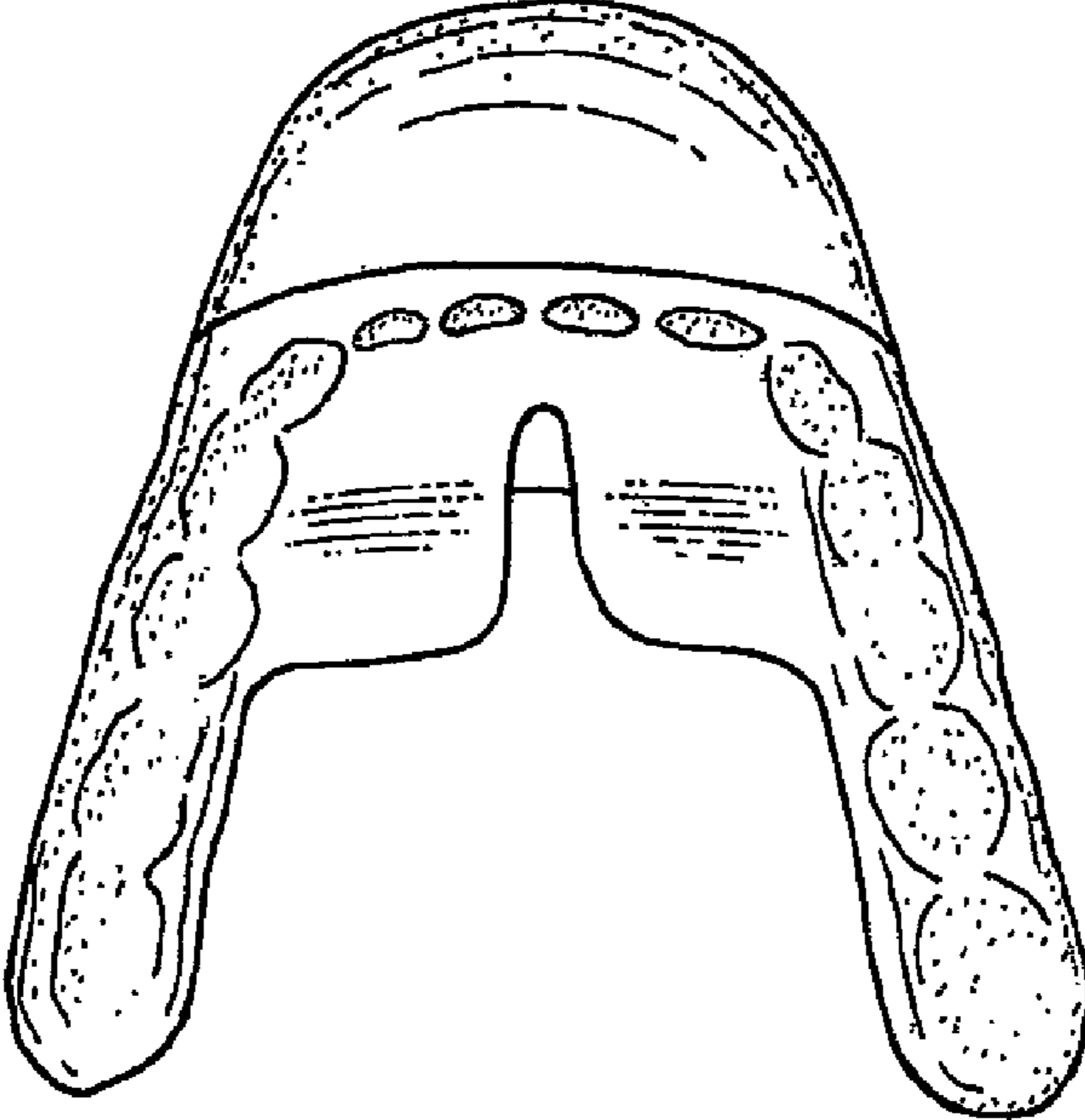


Fig. 4

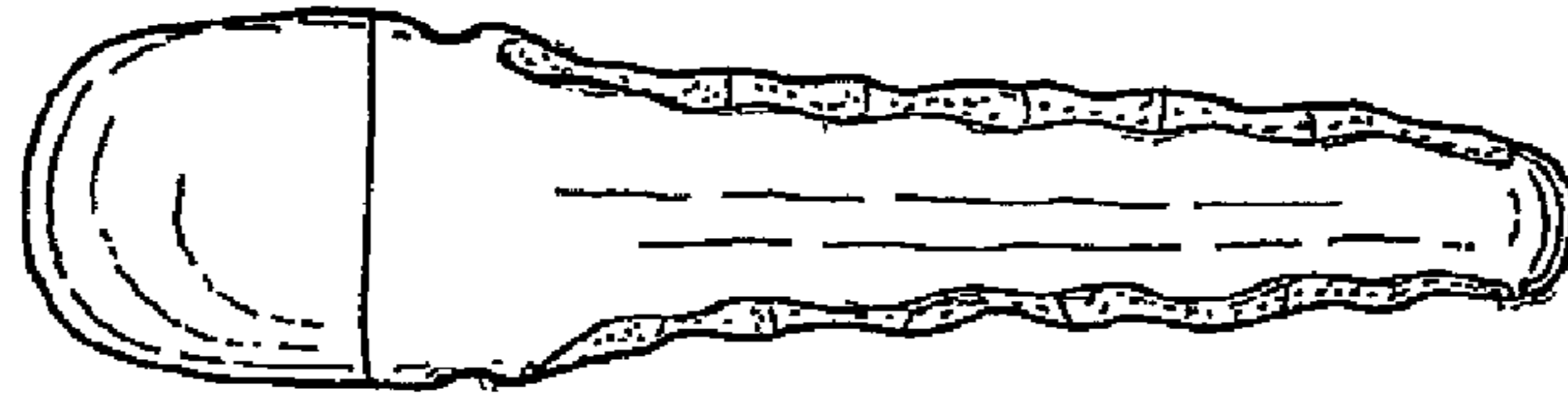


Fig. 5

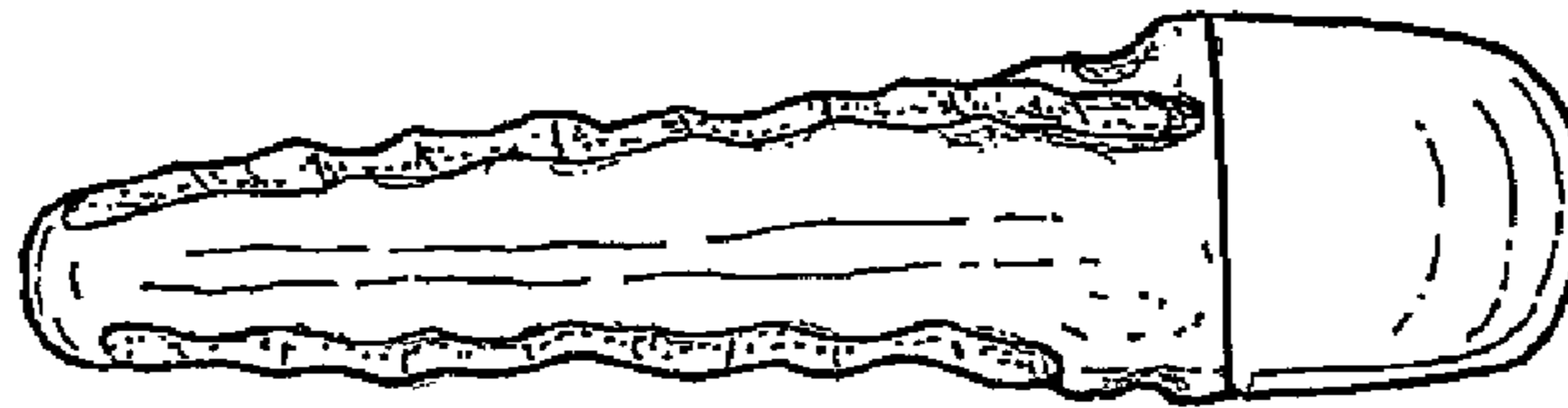


Fig. 6

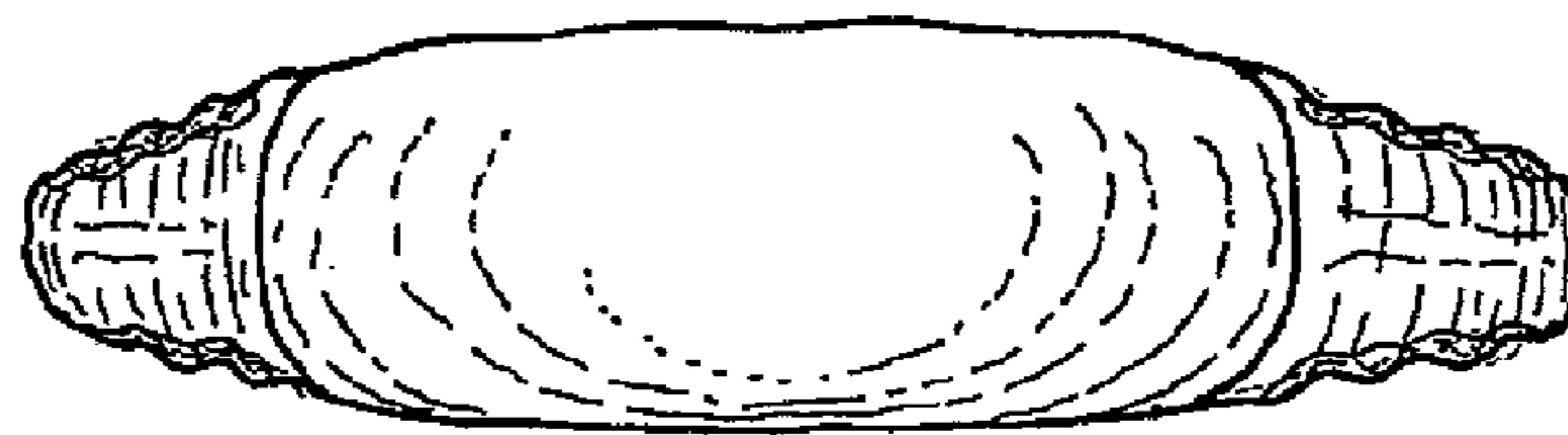


Fig. 7



Fig. 8