



US00D716454S

(12) **United States Design Patent**
Maristany Vilanova

(10) **Patent No.:** **US D716,454 S**

(45) **Date of Patent:** **** Oct. 28, 2014**

(54) **ORTHODONTIC ARCHWIRE**

2013/0177862 A1* 7/2013 Johnson 433/20

(71) Applicant: **Xavier Maristany Vilanova**, Barcelona
(ES)

* cited by examiner

(72) Inventor: **Xavier Maristany Vilanova**, Barcelona
(ES)

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Bui Garcia-Zamor; Jessica
H. Bui, Esq.

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

(57) **CLAIM**

(21) Appl. No.: **29/451,310**

The ornamental design for a orthodontic archwire, as shown
and described.

(22) Filed: **Mar. 29, 2013**

DESCRIPTION

(30) **Foreign Application Priority Data**

Dec. 14, 2012 (EM) 002153296-0001
Dec. 14, 2012 (EM) 002153296-0002
Dec. 14, 2012 (EM) 002153296-0003

FIG. 1 is a front perspective view of an orthodontic archwire
according to a first embodiment of my new design with a
circle profile;

(51) **LOC (10) Cl.** **24-99**

FIG. 2 is a front view thereof;

(52) **U.S. Cl.**

USPC **D24/180**; D8/370

FIG. 3 is a left side-right side view thereof;

(58) **Field of Classification Search**

USPC D24/176-182; D8/370, 387, 390;
D6/680.3, 537, 566; D20/43; 433/6-7,
433/10, 18, 20, 21, 24, 3, 75, 173, 219
See application file for complete search history.

FIG. 4 is a perspective view thereof;

FIG. 5 is a rear view thereof;

FIG. 6 is a top-bottom view thereof;

FIG. 7 is a front perspective view of an orthodontic archwire
according to a second embodiment of my new design with a
square profile;

FIG. 8 is a front view thereof;

FIG. 9 is a left side-right side view thereof;

FIG. 10 is a perspective view thereof;

FIG. 11 is a rear view thereof;

FIG. 12 is a top-bottom view thereof;

FIG. 13 is a front perspective view of an orthodontic archwire
according to a third embodiment of my new design with a
rectangular profile;

FIG. 14 is a front view thereof;

FIG. 15 is a left side-right side view thereof;

FIG. 16 is a perspective view thereof;

FIG. 17 is a rear view thereof; and,

FIG. 18 is a top-bottom view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,014,028 A * 1/1912 Angle 433/10
2,848,888 A * 8/1958 Jones D8/370
D207,933 S * 6/1967 Brown D8/370
4,097,993 A * 7/1978 Andrews 433/20
D255,324 S * 6/1980 Pierce D8/370
4,818,226 A * 4/1989 Berendt et al. 433/20
4,946,387 A * 8/1990 Adell 433/20
5,063,082 A * 11/1991 Adell 433/20
7,001,180 B2 * 2/2006 Bass 433/18
2009/0061378 A1 * 3/2009 Kim et al. 433/20

1 Claim, 12 Drawing Sheets

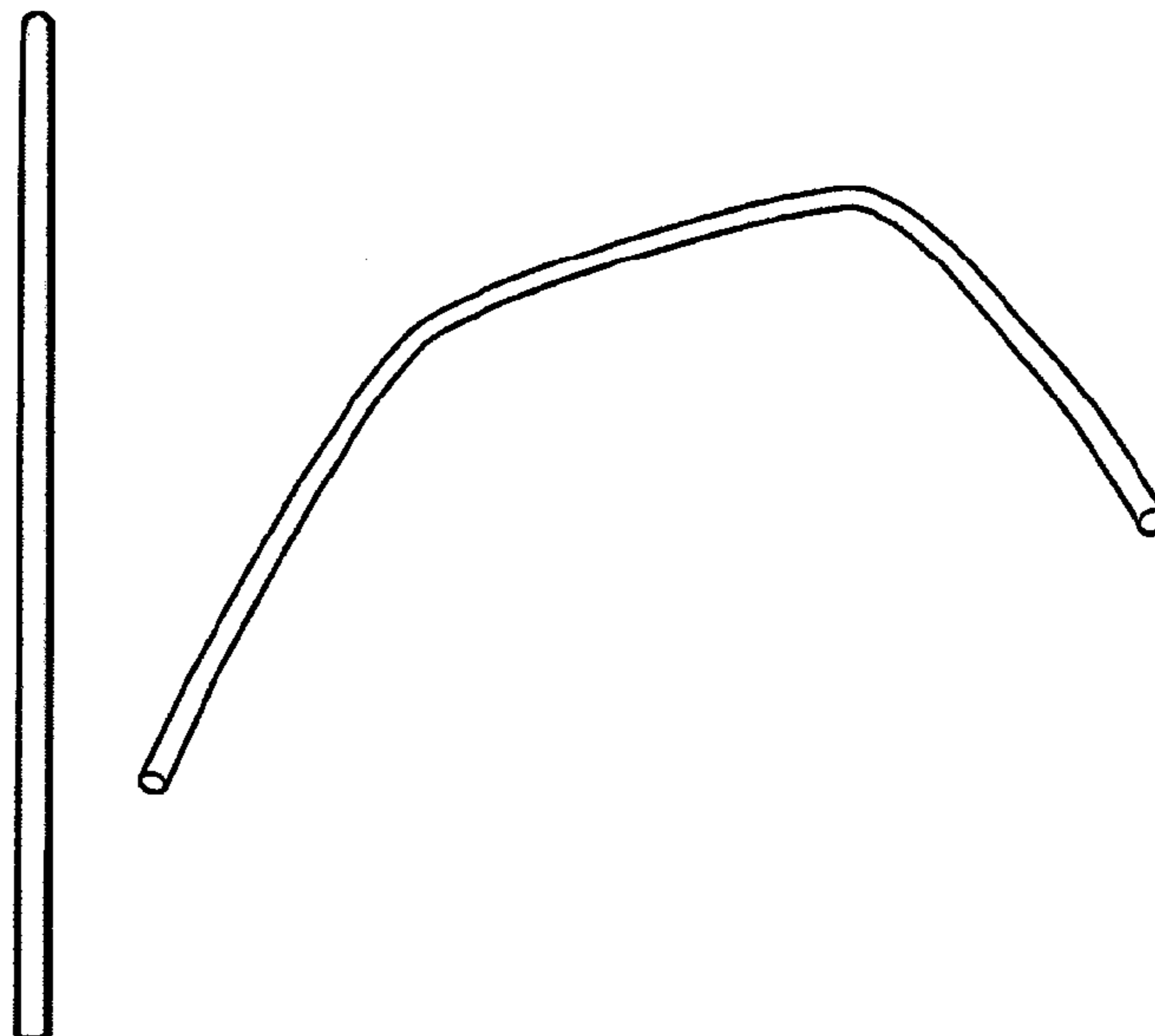


FIG. 1

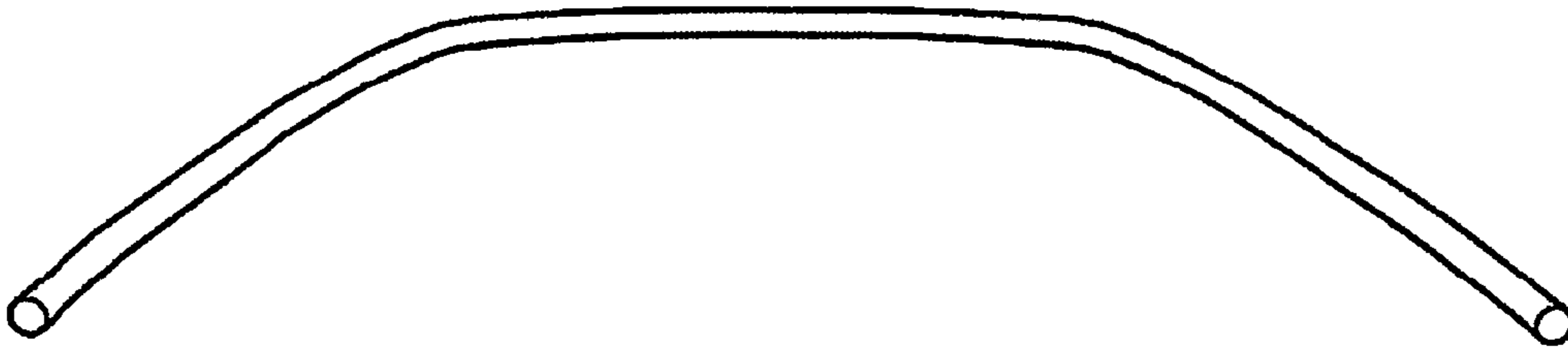


FIG. 2

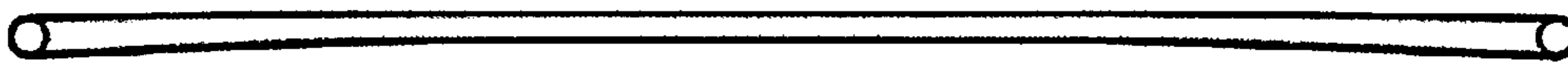


FIG. 3



FIG. 4

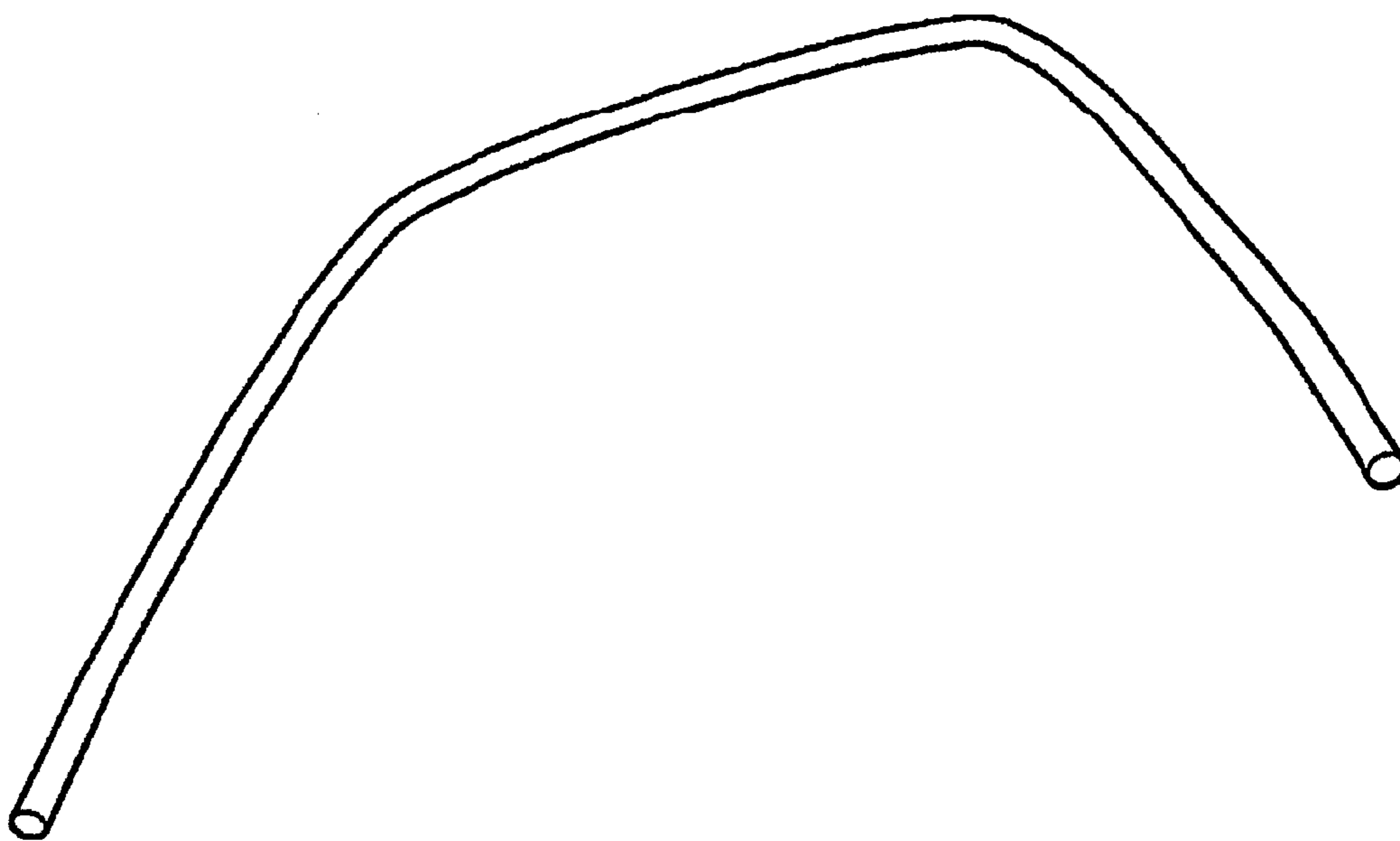


FIG. 5



FIG. 6

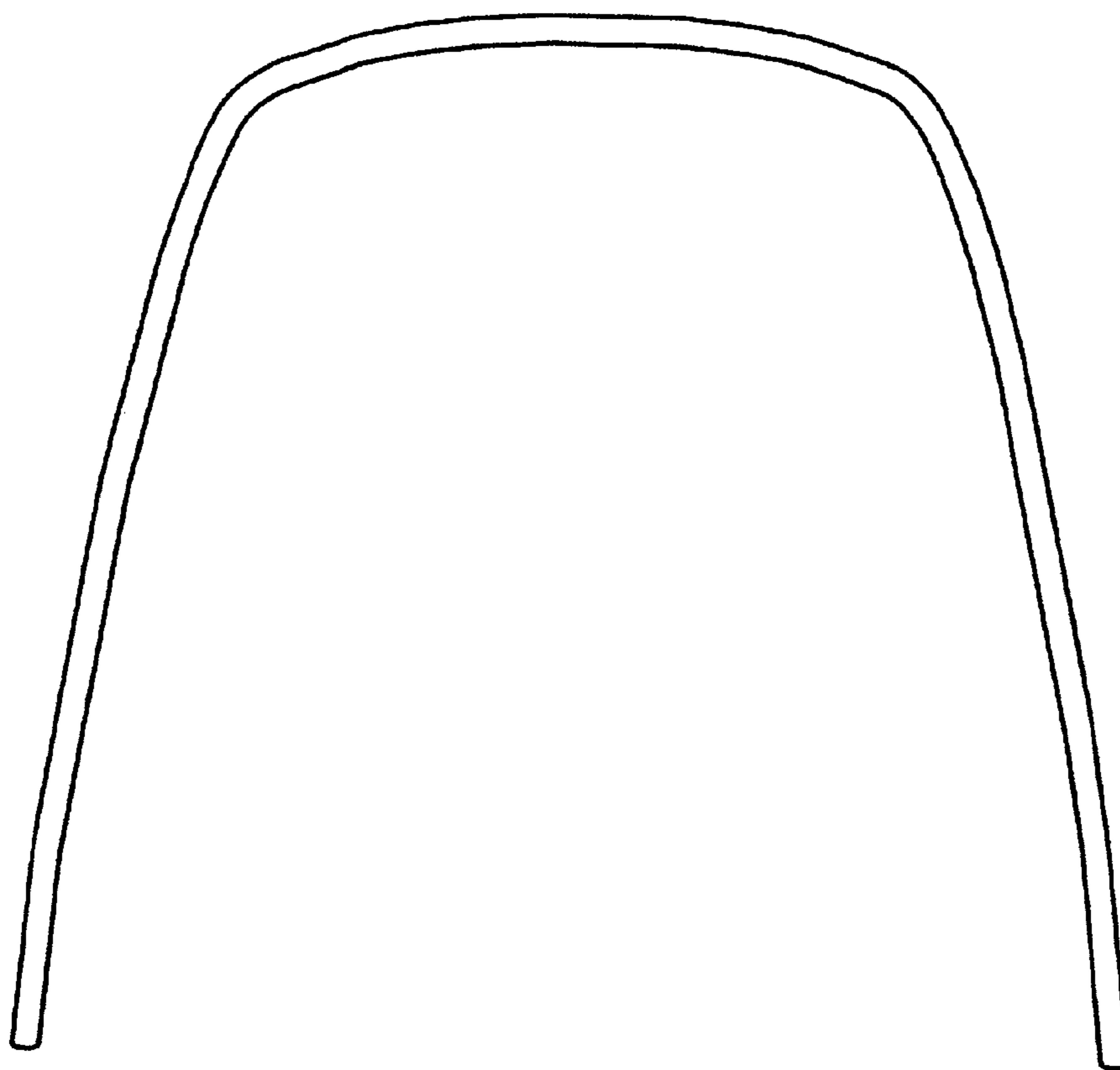


FIG. 7

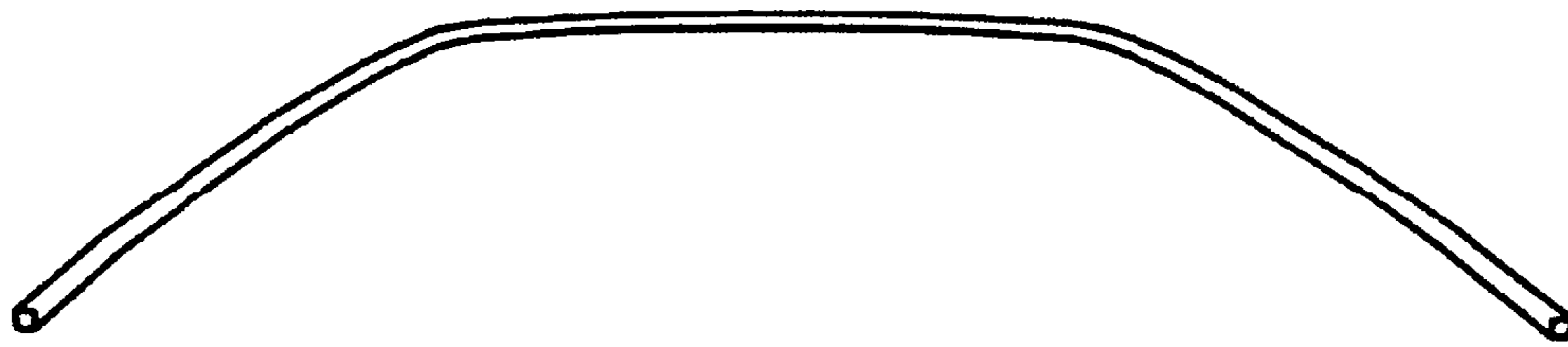


FIG. 8

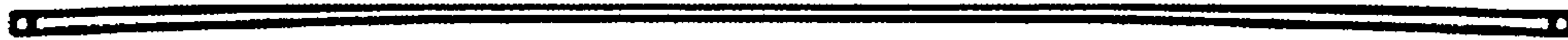


FIG. 9



FIG. 10

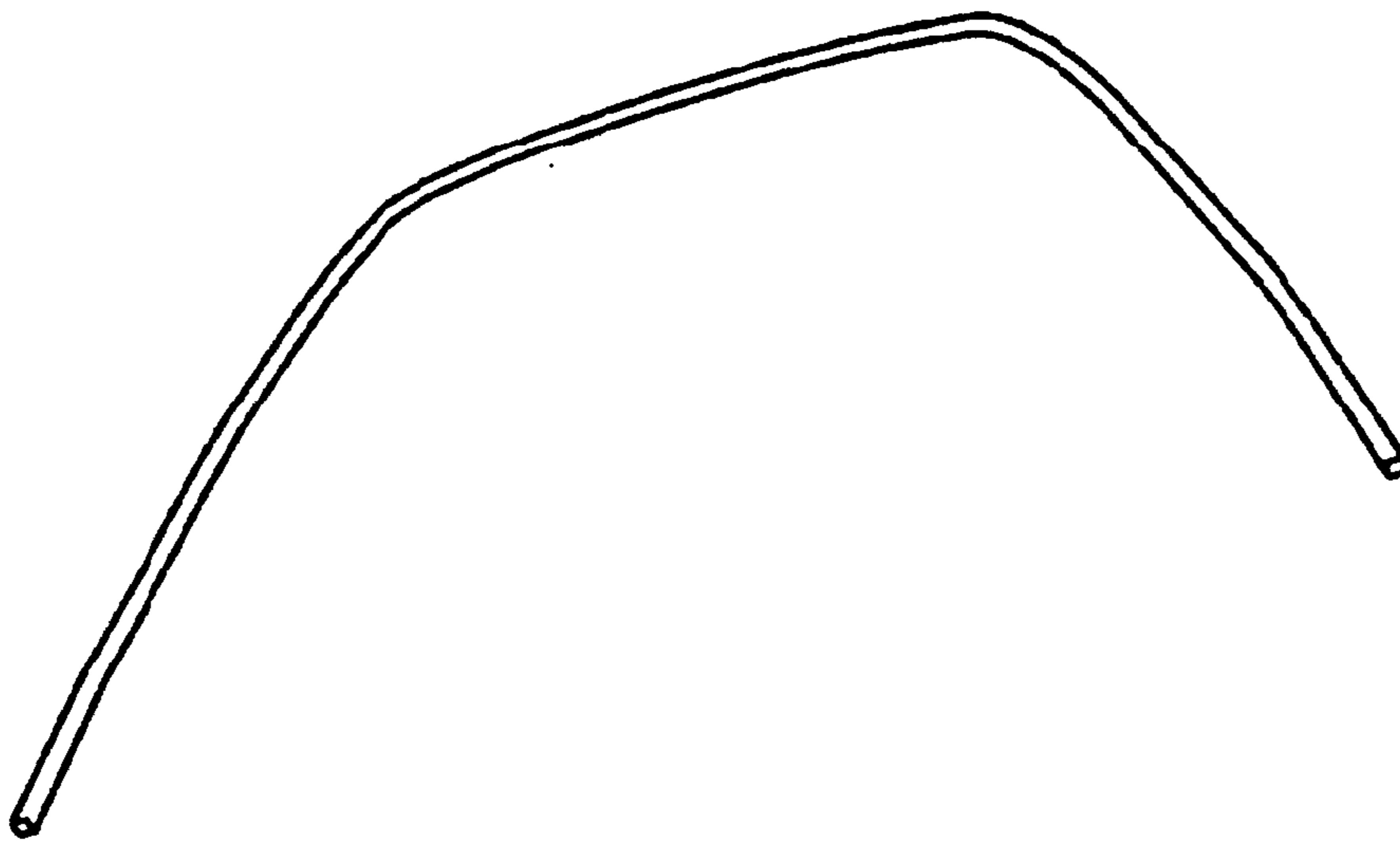


FIG. 11

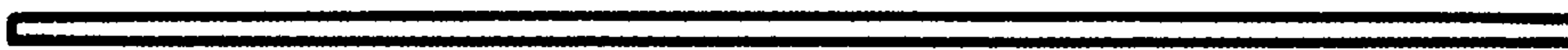


FIG. 12

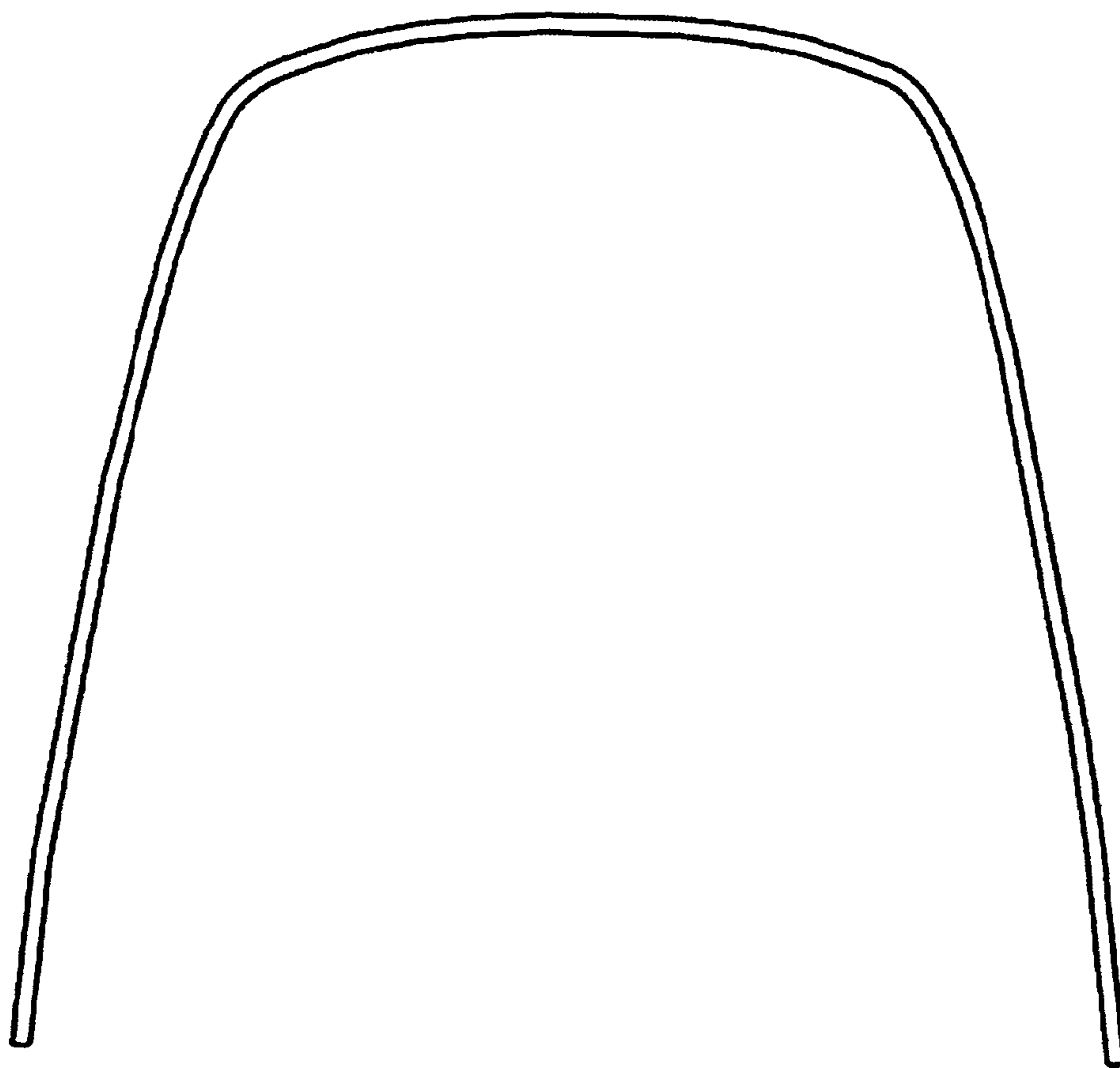


FIG. 13

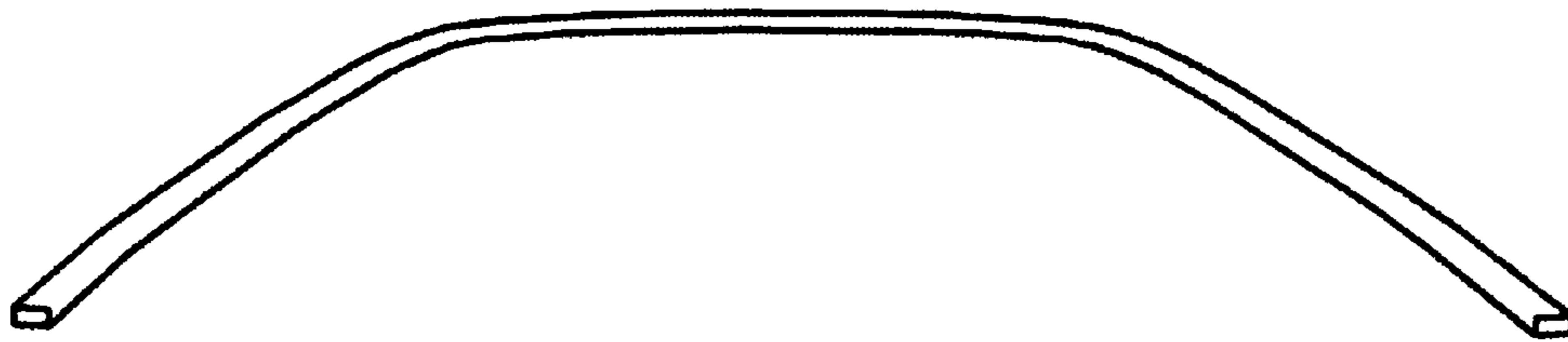


FIG. 14

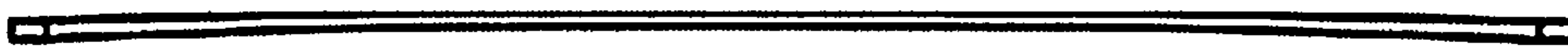


FIG. 15



FIG. 16

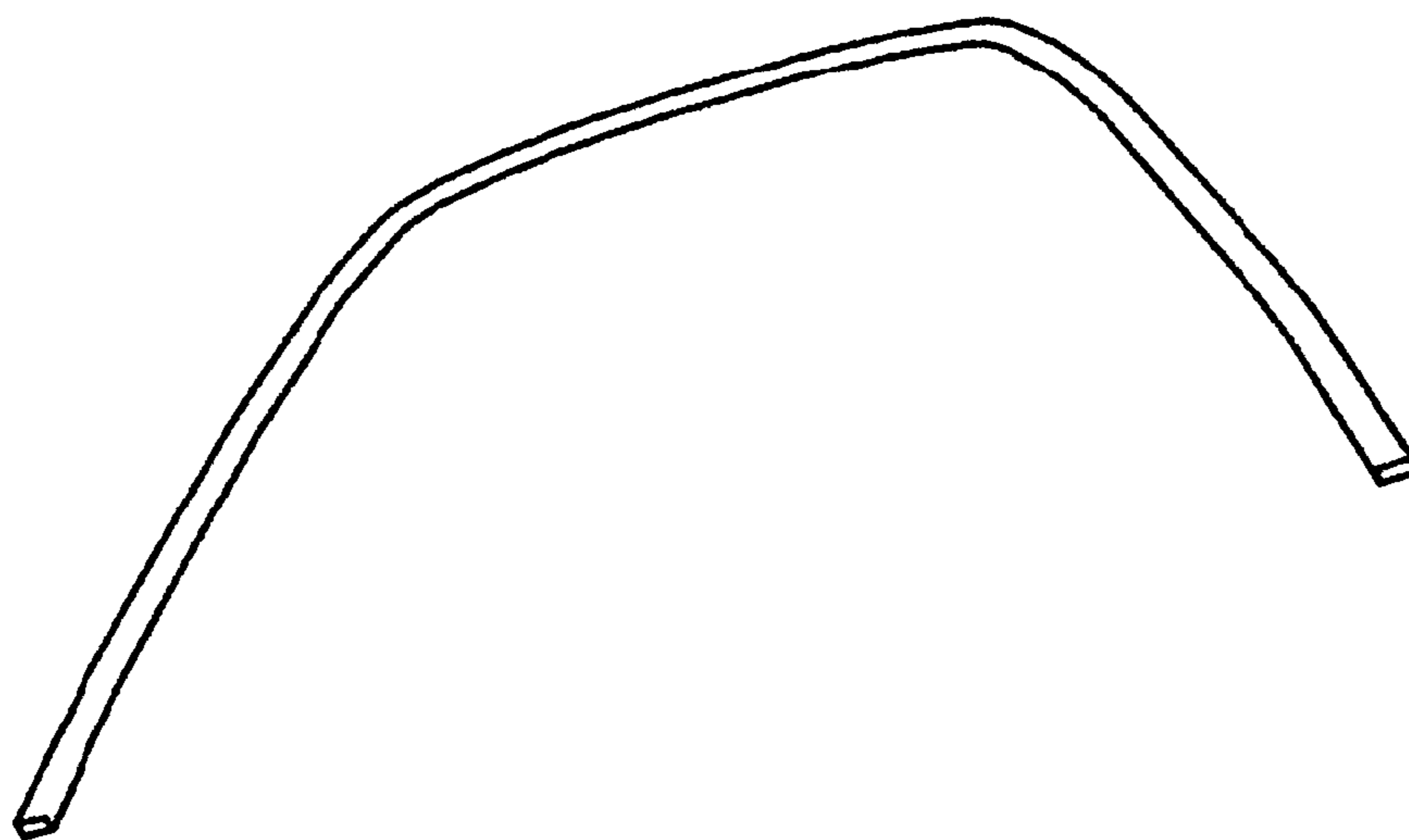


FIG. 17



FIG. 18

